precisely

EngageOne Designer

Version 6.6 Service Pack 11

Release Notes

EngageOne Designer is part of Precisely EngageOne Compose and this Service Pack 11 release of Designer 6.6 contains fixes to certain reported issues and new features. Software and associated documentation is provided as a download.

For the protection of our customers, Precisely does not disclose, discuss or confirm security issues. Keeping your software up to date is one of the most important things you can do to maintain your environment's security. Precisely strongly encourages customers to stay current by upgrading to the latest release for EngageOne Compose Designer.

Contents:

Release content

Software and associated documentation is provided as a download. The products supplied to you from the downloaded release media will depend on the licenses you hold and you will only be able to install products for which you have a valid license keycode. If you believe that you have not received the correct material or keycodes please contact your product supplier.

Changes in this release

Mobile design features

From this release, you can:

- Publish documents to your EngageOne Communicate account using the dynamic attachments feature. These documents can be included as email attachments to communications within EngageOne Communicate.
- Share content with EngageOne Communicate for campaigns using mobile templates. You can tag content in the Designer editor to be published in your EngageOne Communicate communication.

It is important to note that:

- you must have an EngageOne Communicate account in place. Contact your support team for details on account registration.
- you use the Connections feature to allow for integration between Designer and Communicate.

For detailed information, refer to the **Publishing content for EngageOne Communicate** chapter in the Designer User's Guide.

Information on configuring for integration and using integrated features available in EngageOne Compose and Communicate refer to
https://support.precisely.com/products/engageone-compose/.

Installation prerequisite updates

This release introduces new versions of the following prerequisite Microsoft components and new behavior thus:

- *Microsoft Visual C++ Redistributable 2015 – 2019*

This will upgrade any previous version of this component or install it if not previously installed and requires a reboot.

- Note that this Microsoft component update triggers any pending Windows updates installation, which then involves further reboots. As a result, this will remove the **Resume** part of the Designer installation.
- We recommend installing any pending Windows Updates before starting the Designer installation process to ensure a seamless **Resume on reboot** experience and to speed up the installation.

- *Microsoft .NET Framework 4.8 Full*
  - This Microsoft component requires a reboot that will trigger Microsoft's .NET optimization process following the reboot, which can take several minutes.
  - Please be patient while the .NET Optimization process (visible in the High CPU activity in Task Manager) completes and then resumes the Designer installation when prompted.

Designer installation

This release introduces the following Designer installers which replace setup.hta:

- setup-designer-server.exe
- setup-designer-client.exe

The installers are located in the release media's **\install** folder.

Points to note:

- A silent install can now be performed.
- Designer applications and dynamic link libraries are digitally signed to ensure the release material is authentic and has not been tampered with.
- Compared to the previous version, the new installers:

  - provide a faster install
  - have a smaller footprint

- The Designer **Standalone** installation option, this combined Server and Client installation has been removed. Use the individual Server and Client installers if this is required.
- The Designer Client installation dialog for the Designer Server connection defaults to the current Designer Client Windows environment name. Ensure this Designer Server entry name is correct before completing the Designer Client installation.
- Upgrades to Designer software can be performed from this release onwards; however, for previous versions of the software, you must uninstall the existing software before installing the latest version.

  > **Note:** You can upgrade a Designer repository created prior to this release using the Repository Configuration Tool after setup-designer-server has been run.

Refer to the Designer Installation and Configuration Guide for detailed information on using the installers.

Distributed deployment - Backup/Restore

Before this release, it was not possible to perform any backup/restore activity using the Repository Configuration Tool in a distributed deployment setting. From this release, you can run backup and restore tasks using Repository Configuration Tool from the application server as long there is a working connection with the SQL server machine.

QR Code updates

- *Designer QR Code Barcode validation update*

  The Designer editor now includes the following new message:

  ```
  The maximum supported value length of 1024 characters has been exceeded
   for a barcode (type - %s, label - %s)
  ```

- *Swiss QR Code barcode*

  This release adds support in Designer and Generate for the Swiss QR Code barcode type as a Line Drawing barcode for all supported Line Drawing barcode Generate outputs.

Tumble layout

This release adds support for the Design logic map **Action** dialog to change the Generate output layout to **Tumble** mode, in addition to the existing Simplex or Duplex layouts.

> **Note:** This feature requires supported Simplex / Duplex / Tumble Device layouts to be set to the **highest** available **Duplex/Tumble** Layout setting in order for the Design logic Action change to take effect. For example – Set AFPDS device initial Layout setting to **Double sided tumble** if switching between Action -> Simplex / Duplex and Tumble is required in the logic.

> **Note:** Actions that change to Duplex or Tumble mode will only be applied to the output datastream when supported by the Output Device.

Plug-in chart enhancements

- A new **Center** option has been added to the plug-in chart X Axis, **Axis Position** setting. If selected, the X-axis line is drawn through the Y-axis 0 point regardless if negative data is present in the chart.

- A new, **Label Zones** option has been added to the plug-in Bar chart configuration settings to control custom aggregate label presentation on stacked and overlay type bar charts.

  - Choosing **Default** shows the aggregate label above positive bars and below negative bars.
  - Choosing **Positive** shows the aggregate label in only the positive zone, above the X-Axis, on stacked and overlay bar charts.
  - Choosing **Negative** shows the aggregate label in only the negative zone, below the X-Axis, on stacked and overlay bar charts.

Note that with side-by-side charts, there may be no label shown in a zone if the data in the bars is outside of that zone. For example, if a bar contains negative data, but the label zone is Positive, no label is shown.

- During these chart enhancements, a fix to an issue where the X-axis was not displayed when the **Show Axis Line** was set to **Yes**, but no data labels were specified has been applied.

Support for JBIG format images

From this release, support for the importation of JBIG format (.jbig, .jbg, .bie) images has been removed. Any images already imported will not be affected, but you cannot import further images of this type.

Advanced Search support

From this release, the Advanced Search feature now runs under Elasticsearch 7.10.1.

> **Note:** When upgrading from 6.6.10 to 6.6.11 versions of the software, you must uninstall the 6.6.10 Advanced Search services before the 6.6.11 versions are installed. The Designer repository must then be re-indexed using the IndexerTool.exe utility as detailed in the Designer Installation Guide.

SFTP support

From this release, you can use the SFTP for deploying HIP files to your designated host machine. This transfer protocol allows for encrypted file transfer using the Windows OpenSSH component. To use this feature, you require OpenSSH version 7.6 or greater. Refer to the 'Creating a host object' section in the Designer Users Guide for details.

Security updates and bug fixes

Security findings in EngageOne Designer have been remediated.

Importing overlays

In this release, support for the import of AFP Overlays and Xerox Metacode Forms is no longer available. You can use the snapshot feature in an earlier version of Designer to export the required resources, the snapshot can then be imported to any Service Pack 11 and onwards version of Designer.

Digitally signed Installers and content

EngageOne Designer, Content Author, Interactive Editor, Key Map Generator installers and release content are digitally signed in this release, allowing the software to install and execute with a trusted digital signature provider.

Changes in behavior

Changes in behavior in 6.6 Service Pack 10

Interactive Variable element naming in the XML schema

The name for Interactive Variable elements in the XML schema when published from Designer to EngageOne has changed. The format of the name is now:

```
FLD_InteractiveVariableName[_N]
```

where:

- `InteractiveVariableName` is the name of the Interactive Variable
- `[_N]` represents a suffix added by publish if the name needs to be made unique, e.g. "_1".

Note that the previous format was:

```
InteractiveVariableName_540C75A258BD4C2AA961FBF0B36A63DD
```

where:

- `InteractiveVariableName` was the name of the Interactive variable
- `540C75A258BD4C2AA961FBF0B36A63DD` representing an arbitrary internal GUID

Interactive Variables Publish change / EngageOne Server Admin update required

If you have output variables defined using an Interactive Variable and have republished your template, the output variables must be updated with the new name in the EngageOne Administration web application.

Prompt loop - No Choice behavior update

The restrictions applied to the source item used for Prompt Loop processing have been relaxed to allow Interactive Variables and Data Aliases with no choices to be used when creating a Prompt loop. Fields with other validation types such as *string length* or *expression* are not allowed.

Where the source item associated with a Prompt Loop has no choices in the Interactive data editor, then there will be no Prompt loop prompt dialog created for it. Previously, a Prompt loop prompt was created with 0 choice selections.

Changes in behavior in 6.6.x

The following changes in behavior in 6.6.x versions compared to earlier 5.x/6.x versions have been introduced.

Branching

Security assignments made on the original are now preserved in the branched version.

Previewing

Documents will now preview as expected where the document's Supported Output Device property has non-PDF device assignments.

Localization

Designer is available and has been tested for this release in:

– English

– French

– French Canadian

– Spanish

– German

The main Designer User's Guide is also available in these languages. All other documentation, utility programs and other resources are in English only. Note that if you want to install or upgrade to a different language version of Designer you must use the Windows Add/Remove Programs utility to un-install Designer before installing the new language version from the downloaded release media.

Security

License keycodes

All Designer software is protected against unauthorized use by a system of license keycodes. Your license keycode information is supplied in a keycode report included with your product distribution material.

You will be required to supply your keycode details as part of the various installation processes. Refer to the Designer Users Guide for details.

Should you experience any difficulties with your keycodes please contact your product supplier.

Hardware key (Dongle)

A hardware key security device may be provided with the release material. This plugs either into a USB port or into the parallel printer port of the IBM compatible computer on which Designer is to run. The software will only then run when the appropriate drivers have been installed and the key is in place.

To install the dongle driver:

Install the latest version of **Sentinel Protection Installer** available from the Gemalto website for your Designer client Operating System.

To attach a USB hardware key: plug it into any USB port on your PC.

Compatibility

EngageOne Designer

Applications created in DOC1 5.1 onwards are compatible with this service pack release of Designer 6.6. The application database from these earlier versions will automatically be upgraded and application design rules will run without the need to regenerate them.

Upgrading to 6.6 SP11 – please note the following:

EngageOne Compose Interactive Editor (Desktop Application)

When upgrading from SP10 to SP11, you must ensure all installed Interactive Editor software is upgraded to the SP11 version. SP10 and earlier versions of the Interactive Editor are not compatible with the SP11 version of the software.

> **Note:** that failure to upgrade will result in either the Interactive Editor failing to launch or launching with a connection error notification.

Uninstall issues in versions prior to 6.6.11

When upgrading/uninstalling Designer in versions before 6.6.11, you may encounter an error 1721, at which point the upgrade/uninstall fails. This error may occur if you did not initially install Designer, even if you have administrator rights.

A Microsoft fix is available for this issue. Please click on the following link:

Download the diagcab file from this page and double-click on it to run it. Select **Uninstalling** when prompted and then select Designer. Press **Next**, the process will remove Designer allowing you to upgrade.

Keymap Generator configuration settings

`KeymapGenConfig.cfg` contains configuration settings for the Keymap Generator. In this release, this file's location has been changed from `%localappdata%\PBBI` to `%localappdata%\EngageOne Compose`. If you wish to preserve your previous settings, make a copy of your pre-SP11 KeymapGenConfig.cfg, perform the 6.6 SP11 upgrade and overwrite the existing configuration file in `%localappdata%\EngageOne Compose` with your copy.

Backup and Restore in distributed environments

When the Repository Configuration Tool is connected to SQL Server using the Designer-specific login credentials (typically **DOC1Login**), it will restore repositories backed up from Designer 6.0.1481 or later. To restore older repository backups, the Repository Configuration Tool will need to be connected with credentials that have admin rights in SQL Server.

Upgrading to 6.6 SP11 from 5.x or 6.0 – please note the following:

XML data considerations

When importing XML data to create a Data Format or Interactive Data, Designer converts `xs:long` elements into `number` fields. This is because the `xs:long` type can represent much larger values than the Designer `integer` field type, which has a range of -2,147,483,647 to 2,147,483,647.

In some older versions of Designer prior to 6.1, the `xs:long` elements were incorrectly converted to `integer` fields. If you are upgrading from an affected version of Designer and your XML data contains `xs:long` elements, then some action may be required after upgrade if the Data Format or Interactive Data is edited or updated by Import since the corresponding data fields will now be of `number` type instead of `integer`.

- Use **Generate Dictionary...** to update existing Data Dictionary and Data Map. Designer 6.6 SP11 will automatically update the alias type from integer to number for `xs:long` elements. This can also be done manually by editing the Data Dictionary.
- Review publications/documents/active content where affected data aliases are used and update logic if necessary. For example, the number type is automatically formatted with 2 decimal places when printed out, whereas the integer type has no decimal places. There may be existing applications where arithmetic overflow occurred - the logic in these applications may still cause overflow but in a different location.

If the affected data aliases must be of `integer` type, then the element definitions in the XSD file should be modified in one of the following ways so that they can be imported as `integer`.

- Change `xs:long` elements to `xs:int` or `xs:integer`

- Add the following restriction to the `xs:long` elements:

```
<xs:totalDigits value="9"/>
```

- Add the following restrictions to the `xs:long` elements:

```
<xs:minInclusive value="-2147483647"/>
```

```
<xs:maxInclusive value="2147483647"/>
```

```xml
<!-- MyIntVal and MyIntegerVal import as "integer" -->
<xs:element name="MyIntVal" type="xs:int"/>
<xs:element name="MyIntegerVal" type="xs:integer"/>
<!-- MyLongVal imports as a "number" -->
<xs:element minOccurs="0" name="MyLongVal" type="xs:long"/>
<!-- MyLongVal_9DigitsMax imports as an "integer" -->
<xs:element name="MyLongVal_9DigitsMax">
    <xs:simpleType>
        <xs:restriction base="xs:long">
            <xs:totalDigits value="9"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<!-- MyLongVal_IntMinMax imports as an "integer" -->
<xs:element name="MyLongVal_IntMinMax">
    <xs:simpleType>
        <xs:restriction base="xs:long">
            <xs:minInclusive value="-2147483647"/>
            <xs:maxInclusive value="2147483647"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
```

Upgrading 5.x Versions – please note the following:

Interactive Data from Designer

To process upgraded Designer 5.x Interactive data correctly within 6.x versions, the Designer user must explicitly open the upgraded Interactive data format, acknowledge the **Upgrade data** dialog and re-save the Interactive data format.

Failure to do so may lead to incorrect results where the dictionary field alias data type does not match the Interactive data field type, and the dictionary and map are updated via the Generate dictionary and map wizard.

Upgrading from 5.6 – please note the following:

5.x to 6.x data dictionary not carrying forward the last modified date

During the upgrade process, the last modified date assigned to a 5.x data dictionary is replaced by the date the data dictionary was created in the 5.x database. This is to facilitate versioning which

was implemented in 6.x Designer and was not available in Series 5 Designer. Following the upgrade any modifications to the data dictionary will be reflected in the last modified date assigned to the data dictionary.

Issues with Windows fonts

Successive updates to fonts in Windows 7, 8.1 and Windows 10 have made the True Type (.TTF) Font files supplied by Windows:

- Significantly larger
- Have significant line spacing differences

compared to those supplied with earlier Windows Versions.

It is important to note that:

- Design Content may alter due to the updated font spacing and that this will be reflected in republished Generate output.
- Generate Output size will be significantly larger and may impact Generate performance compared to that obtained using earlier font versions

Designer objects and version control

The enhanced version control feature will cause existing objects (except code pages, fonts and locales) to be put in a project called Master during the upgrade process.

Note that only the last issued and latest draft versions of publications, documents and Active Content will be copied. If an object was issued separately since it was last published, then the last published version will not be copied.

Publishing

In 5.x the last issued version of a publication, document, Active Content and most objects was normally used when publishing. In 6.0 there is no concept of issued and draft versions so the publish process will by default, use the last saved version of the object irrespective of its previous status in 5.x. You can however choose to publish the last version issued in 5.x if required.

DOC1Publish

The backward slash character "\" is no longer supported in path names for batch publishing. They must be replaced by the forward slash "/".

Also when identifying an object in the Designer repository you must now include the project name. If you have upgraded from a repository prior to 6.0 then you should prefix all object names with "//Master".

DOC1Publish configuration files must be edited to reflect these changes.

Object names

The characters \ and / are now not allowed in object names and are automatically replaced with an underscore '_' during the repository upgrade process.

OpenVMS

Support for OpenVMS is not available in 6.0 onwards.

SQL 2000

Support for SQL 2000 and MSDE 2000 is not available in 6.0 onwards.

Upgrading from 5.5.1 – please note the issues above and the following:

Request to restart system

When removing or upgrading DOC1 5.5.1 you may be asked to restart your system for configuration changes. You must restart your system as requested, but will only be required to do this once.

XML imports

The software used to support XML has been upgraded to enable new XML features.

Viewing available message areas

When creating a message box or message stream you will not be able to use the Show by project option when using a message environment file generated by Content Author 5.5.1 and earlier or Message1.

Upgrading from 5.4 – please note the issues above and the following:

Resource Maps

From 5.4 you can no longer update the Default resource map. If upgrading from previous point releases, resources mapped for your existing publications will automatically be placed in User defined Resource Map and these can be edited.

Upgrading from 5.3 – please note the issues above and the following:

Keycoded features

An issue has been resolved whereby the following licensed features were not keycoded correctly and therefore not protected against unlicensed use. If you use any of these features, please contact Customer Support so we can verify your configuration and re-issue your keycodes if necessary. Note that this relates to Designer only and the changes will have no impact on applications already prepared for Generate.

– Advanced charts

– XML data

– External documents

Dates with a zero value

A year with a value of zero is treated as an invalid date, which causes Generate to issue an error and stop. Previously it was not considered to be invalid, so did not cause an error in Generate.

Pattern style for charts in PDF

This option is now fully supported for PDF output. Previously, if a pattern style was specified, the different sections of the chart would be output as solid shaded areas for PDF. Now the correct pattern will be generated – lines, hatching etc.

PDF resource map

The default resource map for PDF is not carried forward into the new version. Note that all other mappings will be transferred correctly.

Upgrading from 5.1 or 5.2 – please note the issues above and the following:

Purging the recycle bin

Purging of the recycle bin has been improved, including a more thorough checking procedure when attempting to delete a resource. As a result, resources that have previously been purged will reappear in the recycle bin, as they may have been deleted when they shouldn't have been.

You should therefore purge these resources again. A warning will be issued if a resource is still in use, in which case it will be returned back in its original location with a timestamp appended to its name.

Rules for inserting objects

Control of when and where objects can be inserted in the Designer has been tightened. A warning message will be issued if you try to place an object where it should not go, for example, a presentation object in the start of page logic.

Documents from earlier versions of Designer may contain objects that do not follow these insertion rules. On opening such documents, a list of warnings will be shown identifying each mis-placed object. These should be corrected, otherwise the output from Generate may not be as expected.

Upgrading from 5.0 – be aware of the issues above and the following:

If you are upgrading from 5.0, you must use Add/Remove Programs in the Windows Control Panel to un-install 5.0 before installing this release.

EngageOne Server

When opening interactive data created in Designer prior to 6.0, a new field DocumentSelector appears in the DeliveryInformation node. If you wish to use it you must save the interactive data before closing so that it is updated correctly and you must update the data map and data dictionary accordingly.

From EngageOne 4.4 the dependency on Internet Explorer for the creation of interactive communications using the ActiveX interactive editor has been removed. Many publications can be used with an alternative and complimentary, multi-browser form-fill mechanism. Note that the multi-browser capability is available for publications created in Designer 6.6 onwards. Refer to the

Working with publications and documents section in the Designer User's Guide for details on the Cross Browser Support publication attribute.

EngageOne Content Author

If you are using Content Author messages in your design, then the message environment file should be re-imported into Designer; this is necessary if you intend to publish to EngageOne.

Message1

Message1 is no longer supported and Content Author is the recommended environment for creating messages for use with Designer. See the Content Author Release Notes for information on migrating Message1 applications to Content Author.

EngageOne Vault

If you wish to ingest documents from Designer into an existing Vault, you must ensure that your Vault environment uses the latest version.

Documentation

Documentation is included in the Designer release distribution in the 'docs' folder.

The following manuals are available with EngageOne Designer 6.6:

Document	Version
Designer User's Guide This guide provides end-to-end information about designing a publication and preparing it for production. This guide is available in all supported languages, see **Localization** on page 9 for details.	**6.6 Service Pack 11**
Designer Utilities This guide provides information on utilities that are available with Designer and that require some direct programming or command line submission. In particular it covers the Application Import utility and running DOC1 Publish. **The guide is provided in English only**	**6.6 Service Pack 11**
Production Guide This guide provides information on putting publications into production. It also provides information about those parts of the core environment that require some direct programming and utilities that require command line submission. In particular it covers running Generate, creating and running PCE scripts, information about user exits and working with the RPU and DIME utilities. **The guide is provided in English only**.	**6.6 Service Pack 11**
Designer Installation Guide This guide describes the process to install and configure Designer and its associated features. **The guide is provided in English only**	**6.6 Service Pack 11**
Designer Diagnostic Message Guide This guide provides information on diagnostics messages issued by Generate and selected Generate Utilities. **The guide is provided in English only**	**6.6 Service Pack 11**
Designer Best Practice Recommendations for eHTML This guide give guidance on designing publications intended for eHTML output, describing best practices for each of the supported layout options.	**6.6 Service Pack 11**

Updates to the User Guides

All manuals are also published in PDF format on the **Precisely Support website**.

Customer support

If you find that you require any assistance, then you can contact our Support team - **Technical Support/Client Service Contacts** .

Advance retirement notices

SQL support

When SQL 2019 is certified for use with EngageOne Designer, Content Author and Server, the following SQL will be will no longer be certified for use with EngageOne Designer:

• SQL Server 2012 SP1 to SP4

6.6 Release lifecycle

Release Version		Level of Support
EngageOne Designer 6.6 SP11	GA	Investigate, Troubleshoot issues, Provide workarounds, Regular patches, Vulnerability updates
EngageOne Designer 6.6 SP10	GA - 1	Investigate, Troubleshoot issues, Provide workarounds, Regular patches for critical (Severity 1 issues).
EngageOne Designer 6.6 SP9	GA - 2	Phone & Best Effort Support. Will provide workarounds for non-critical issues
EngageOne Designer 6.6 SP8	GA - 3	Phone, Knowledge Base & Best Effort Support only
EngageOne Designer 6.6 SP7	GA – 4 and below	Phone, Knowledge Base & Best Effort only

Withdrawn support

From Designer 6.6 Service Pack 11 onwards

Support for JBIG format images

From this release, support for the importation of JBIG format (.jbig, .jbg, .bie) images has been removed. Any images already imported will not be affected, but you cannot import further images of this type.

Importing overlays

In this release, support for the import of AFP Overlays and Xerox Metacode Forms is no longer available. You can use the snapshot feature in an earlier version of Designer to export the required resources, the snapshot can then be imported to any Service Pack 11 and onwards version of Designer.

DOC1PCE

Support for DOC1PCE is withdrawn. Although you may continue to use DOC1PCE, support, including fixes, will no longer be available. Please note that EngageOne Enrichment is the recommended replacement for DOC1PCE.

From Designer 6.6 Service Pack 10 onwards

the following EngageOne Designer, Generate, Key Map Generator and PCE versions are no longer supported:

Version History	Date of Availability
Version 6.5 (incl. all 6.5.x)	June 30, 2016
Version 6.4 (incl. all 6.4.x)	November 13, 2015
Version 6.3 (incl. all 6.3.x)	August 17, 2015
Version 6.2 (incl. all 6.2.x)	June 11, 2015
Version 6.1 (incl. all 6.1.x)	January 30, 2015
Version 6.0 (incl. all 6.0.x)	March 30, 2012
Version 5.6 (incl. all 5.x)	March 17, 2010

The following operating systems are retired for EngageOne Designer/Generate

- Microsoft Windows Server 2008 R2
- Windows 7 SP1 Client (32 and 64 Bit)
- Redhat Linux (x64) 5.x (Kernel 2.6.18 / glibc below 2.7)
- Suse Linux 11 (s390) - aka Zsuse/Zlinux

From Designer 6.6 Service Pack 9 onwards

the following output devices are no longer supported:

- VIPP
- VPS
- PPML
- IJPDS
- MIBF
- Metacode

the following operating systems are no longer supported:

- HP-UX (PA-RISC)
- HP-UXi (Itanium)
- IBM AIX 6.1 (TL5) Runtime Library Level 12.1 (64-bit)
- IBM OS/400

the following SQL server is no longer supported:

Microsoft SQL Server 2008 / 2008 R2 in line with Microsoft's support for SQL 2008

From Designer 6.6 onwards, support is withdrawn for:

- Microsoft Windows 2008 Server Standard (SP2) – 32 and 64 Bit

From Designer 6.1, support has been withdrawn from the following operating systems:

- Microsoft Windows XP (SP3)
- Microsoft Windows Vista (SP1)
- Microsoft Windows 2003 (SP2)
- Microsoft SQL Server 2005

Fixed issues in this release

Key	Summary
CES1-68362	DOC1MAKE 6.6.10 onwards - EPS Image metrics generation fails when the mismatched 32-64 Bit Ghostscript is installed. A failure occurred when the 64bit version of doc1make.exe examined EPS images on a system with only the 32bit version of Ghostscript installed. **Resolution:** Doc1make.exe has been updated to detect issues with loading Ghostscript and inform the user to check that Ghostscript of the same 32/64bit is installed.
CES1-67968	Imported snapshot publication which depends on a custom **Default locale** stops working when another snapshot (and different value) Default locale is imported. **Resolution:** Certain Publications need their own locale, and when published after any other imports , those imports reset the default locale so that the object formatting no longer matches. **Workaround:** Either, re-import Snapshot into a new clean database which resets the locale to the custom locale, or manually reset the Default Locale to the specific custom locale (**Set a default locale** option)
CES1-66545	On the repository configuration tool, if the user selects "**SQL Server Authentication with specific credentials** and the user attempts to enter the values for a user they have already set up in SQL an error is raised with no indication of the problem. **Resolution:** Addition an of error message for guidance to the user.
CES1-69476	Unable to assign a constant string value of greater than 1024 characters to a string variable using **Set Variable...** **Resolution:** The Designer **Set Variable** dialog has been updated to allow constant string values of up to 32768 characters to be assigned to string variables. **Workaround:** Split the long constant string value up into smaller strings of up to 1023 character length and use the **Concatenate** function to assign the string values to a string variable.
CES1-69344	Preview output PDF for a publication that uses internal keyed images differs from Generate output running on the published HIP file. **Resolution:** Designer has been updated so that the preview uses more accurate image metrics for internal keyed images when producing the output PDF.

Key	Summary
CES1-71614	Incorrect LAD3778W editor message reports invalid **Fixed layout Text box/Address Block**, where these objects use an **Inline** layout. **Resolution:** Initial implementation of LAD3778W to report invalid (not allowed) Fixed position Text Box/Address Block did not take account of the **Inline** layout setting.
CES1-70243	Public Documents created/saved in versions prior to 6.6 SP5 may report an error. **Resolution:** Designer has been updated to correctly evaluate and load Public Documents created or saved prior to 6.6 SP5.
CES1-69898	When more than one font of the same typeface name is installed, for example, True Type and Type1 Helvetica and variants, the font metrics cannot be found during publishing causing Generate to abort on the resulting missing metrics HIP. **Resolution:** Designer Publish has been updated to abort publishing in this scenario. **Recommendation:** Remove one of the Windows font variant duplicates, reboot, clear Designer's localcache and then republish to produce a complete HIP.
CES1-69778	Spanish Designer Action **Change Simplex/Duplex** has new Tumble option incorrectly translated. **Resolution:** The industry standard English **Tumble** term is now used in Spanish Design Editor Action - **Simplex/Duplex/Tumble Processing**.
CES1-68535	Publishing Double byte Open Type fonts on Windows 10 / Windows Server 2016/2019 versions prior to July 2020 update fails. **Resolution:** Designer publish updated to correctly handle Windows font information returned from Pre-July2020 Windows 10.x versions. **Workaround:** In Designer versions prior to this fix, install latest available Windows updates to resolve the issue.
CES1-66736	Plug in Line Chart does not show line when values are empty. **Resolution:** Plug in Line Charts have been updated to show Line when values are empty.
CES1-66693	EngageOne Key Map Generator - Key Map **Filename** entry field is too small to show/enter the output filename. **Resolution:** The EngageOne Key Map Generator **Filename** entry field length has been extended to match other entry fields to allow filename to be visible
CES1-66510	The Prompt Loop Max selection limited to the number of choice values in the Prompt Loop Source **Resolution:** Prompt Loop Max selection increased to 99

Key	Summary

CES1-66396	Add Designer Publish Font Name Diagnostic trace to report full details of actually published True Type (.TTF) and Open Type (.OTF) fonts
	
	Resolution: Designer and Content Author Publish logs will now contain additional TTF and OTF Font name details when the following Windows 64 Bit Operating System Registry entry is enabled
	
	`[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Group1\DOC1 Series]`
	
	`"AddDesignMetricsFontNameTracing"="1"`
	
	Note - Additional Font name tracing is not available for Type1 Fonts.
	
	The TTF/OTF additional Font Name tracing is available in the `AddDesignMetrics` section of the Publish log available within:
	
	Designer Directory - Path configured in Designer Client `"Tools \ Designer Preferences \ Local File Cache"`

CES1-66250	Preview for Generate fails with error **An empty field used in publication**, for publications containing prompt loops where the source field is same as one of the fields in the prompt loop. **Resolution:** Preview for Generate has now been updated to allow previewing of such publications and shows the first entry of the prompt loop in the preview.
CES1-66245	Adding items to prompt loop does not allow interactive variables and data aliases with no choices to be used when creating a prompt loop. **Resolution:** The restrictions on the source item used for prompt loops have been relaxed to allow interactive variables and data aliases with no choices to be used when creating a prompt loop. Fields with other validation types such as **string length** or **expression** are not allowed. If the source item of a prompt loop has no choices in the Interactive editor then there will no prompt loop prompt dialog created for it. IN previous versions a Prompt loop prompt was created with 0 choice selections.
CES1-66090	Preview/Generate fails with `GEN0575A Data format instruction -- Invalid variable data passed` error when processing publications that contain images with URL links and the "In-line" flow setting. **Resolution:** This occurs when the image URL Links are resolved using variables and have been changed while the paragraph containing the image is inactive in the Designer editor. This problem is caused by a failure to update the paragraph with the image URL settings when the paragraph is inactive. Preview/Generate sometimes does not fail but the URL settings for the image used by Preview/Generate may be wrong, resulting in incorrect output.

Key	Summary
	Multi-language paragraphs containing in-line images with URL links resolved by local-scope variables fail with the same error in Preview/Generate even if they were active in the editor.
	The Designer load process has been updated so that after loading the logic map, paragraphs containing in-line images are updated with settings stored in the image item.
CES1-66026	A Prompt loop with unmapped data aliases results in Interactive Editor Application aborting with error dialog **DataCapture** with message `Encountered an improper argument.` After closing the error dialog, the editor closes.
	Resolution: Designer publication data mapping has been updated to take into account the data fields associated with prompt loops. Publications using data fields in the prompt loops will need to be remapped if the data map associated with the publication changes.
CES1-63265	Unable to add a new line in the Designer Navigator Object Description dialog
	Resolution: Existing **CTRL + Enter** new line Key sequence in Description dialog has been added to the Designer Users Guide
CES1-63103	Designer becomes unstable when a long tooltip string in the Design Navigator is to be presented.
	Resolution: Designer has been updated to cater for long Design Navigator tooltip strings.
CES1-69696	The Preview step in **Publish for EngageOne** fails for Interactive publications with `GEN0116A Failed to open HIP file` error when the XML sample data contains child elements in the `/InteractiveDataModel/Publication/g1private` element. Designer **Preview...** invoked from the menu also fails in the same way.
	Example error:

	<pre>GEN0116A Failed to open HIP file
	'C:\Users\John.Doe\AppData\Local\Temp\DOC1
	Workcenter\LOCALCACHE\FRAGS\32230'</pre>

	Resolution: Designer has been updated to correct the XML sample used during Preview for Interactive publications and for Designer menu Preview.
	Workaround: Edit the XML sample data to remove child elements of the `/InteractiveDataModel/Publication/g1private` element and import into Designer again.
CES1-69525	EngageOne Interactive Editor (ActiveX and Application) - The Save operation took a significant length of time and increased in proportion to the number of Active Contents used in the template.

Key	Summary
	Resolution: The Interactive Editor has been updated to be more efficient when writing out Active Content files in the Save operation. The following Interactive Editor logs have been updated to include additional **compression** logging information in the **SAVE CONTENTS Extended** section. : ***ActiveX Editor*** - `%temp%\Low\IPE Cache\sessions\datetime\events.log` ***Desktop Editor Application*** - `%temp%\IEA Cache\sessions\datetime\session.log` **Workaround:** Reduce the number of Active Contents used within other Active Contents and the level at which Active Contents are nested.
CES1-70630	Poor performance of editor in Designer during logic execution for templates that contain extensive use of nested Active Content. **Resolution:** The design editor has been updated to improve efficiency of logic execution for templates that contain extensive use of nested Active Content.
CES1-70644	Bulleted and numbered list character alignment - the option to apply right/center/character alignment to the tab character of bulleted and numbered lists is allowed in the design editor; however, it is important to be aware that this is invalid formatting and will not be honored when processed by Generate. **Resolution:** Deactivate the bulleted/numbered list option for the paragraph and manually add your preferred bullet characters followed by the required tabs.
CES1-70971	For Active Content with Custom Properties, saving the Active Content multiple times in the same editing session may cause performance problems in operations involving the Active Content, such as Save and Open. Also, changes to the Active Content Custom Properties may fail to be retained after the Active content is saved and closed. **Resolution:** EngageOne Designer has been updated to correctly save Active Content that have Custom Properties without introducing described issues, Existing Active Content that had these problems will now function correctly in Designer. The Properties dialog invoked from the Designer Navigator tree will now display Custom Properties for Active Content. Also applies to the **Show Dependency** tree and trees in the Merge Comparison.
CES1-70914	EngageOne Interactive Editor (ActiveX and Application) - The sequence of prompts may be incorrect for interactive templates that contain multiple editable text prompts when some of the editable text prompts originate from Active Content (or Public documents) that were copied and pasted in the Designer Navigator tree or created using the **Save As** operation. Resolution: The Interactive Editor has been updated to correctly handle editable text prompts, as described above.

Key	Summary
	EngageOne Designer has been updated to create unique IDs for paragraph items when Active Content, Documents or Publications are copied and pasted in the Designer Navigator tree so that the paragraphs in the new object have different IDs from the paragraphs in the original object. **Workaround:** In Designer versions prior to the fix: 1. Open Active Content objects that contain Editable text and are used in Interactive Editor templates. 2. From the Logic map, replace the Editable Container items with a new copy of the item using copy and paste. 3. The original Editable Container item should be deleted. 4. Public documents that contain Editable text should also be updated. 5. Re-publish Interactive Editor templates that use the updated Active Content and Public Documents.
CES1-71140	Issue 1: Designer Project Service setup fails, reporting an ambiguous certificate not found error. This issue was due to the provided security certificate not having the required 'TLS Web Server Authentication' and 'TLS Web Server Authentication' Extended Key Usage extensions (EKUs). If a certificate is provided with any EKUs, these two must be present or the error described will be shown. Issue 2: Submitting a template for review in Designer fails when running in an SSO environment even though the credentials are correct. This issue was caused by necessary header information being missing in requests sent to OpenAM to authenticate the service to service user. These headers are only required when SSO has been configured. **Resolution:** Issue 1: Provision of a correctly configured certificate solves this issue. Improved error messages and additional documentation will make this problem easier to identify from 6.6.10 SP11 onwards. Issue 2: A software fix has been applied to SP10 and SP11 that will resolve this issue. There is no workaround other than disabling SSO. **Recommendations and best practices:** Security certificates used for TLS protection of the Project services must either have no EKU entries or a minimum of a 'TLS Web Server Authentication' and 'TLS Web Server Authentication' entry.

Key	Summary
CES1-70357	When a barcode with a rotation angle is located within a table cell, the barcode is incorrectly drawn or missing in the Generate and Preview output. The problem affects barcodes, images, shapes and textboxes with a Rotation angle when placed within table cells. **Resolution:** Generate/Preview now correctly rotates barcodes and other items with a Rotation angle when placed within table cells. Note that there is no need to re-publish HIP files for Generate. **Workaround:** Barcodes : Can be configured to print at 90 degrees orientation in the barcode properties. Shapes : For some rotation angles, shapes can be configured to look like their rotated version. Images: Images can be rotated externally using other software and imported into Designer. Text Boxes: For Text boxes containing only text, the text can be rotated in 90 degree increments using the "Format->Rotate Text" menu option. Note - the text box dimensions may need adjustment.
CES1-70345	The optional Designer Advanced Search feature uses obsolete Elastic Search 5.2.2 containing multiple CVE security threats. **Resolution:** The Advanced Search Feature has been updated to use Elastic Search 7.10.1 which addresses previously reported CVE security threats.
CES1-70318	Deleting projects fails to remove relevant image files which are no longer used from the Designer Filestore. The upgrade process in the Repository Configuration Tool sometimes results in files that are not used and never removed from the Designer Filestore. Resolution: Designer has been updated to delete unused image files from the Filestore after deleting the related Project. The Repository Configuration Tool has been updated so that redundant files identified during the upgrade process are later removed from the Filestore by the Designer system.
CES1-71199	Using a document or local variable for an image URL causes a spurious error to be logged when viewing the publication and referenced files are not synchronized, either via the publication dialog option, or the **View / Synchronize Editor** menu option. **Resolution:** As document level variables are not initialized when inside the unsynchronized publication view, the validity of image URL variables inside the documents cannot be reliably checked. This check has been disabled in this specific scenario.

Key	Summary
CES1-71282	Generate AFP output using a Designer auto-generated codepage that has incorrect Code Page Descriptor - CPD - GCIDLength of Hex 80 instead of Hex 08 as per AFP specification. This causes errors in AFP post-processing. **Resolution:** Designer Publish for AFP Codepage has been updated to produce AFP codepage of correct CPD GCIDLength as per specification.
CES1-70037	Unable to save Interactive Data field when Choice list default is not set / blank as per previous 6.6.x releases. **Resolution:** Interactive Data Editor and Interactive Variable Field validation allows blank default Choice list entry again.

CES1-67448	When creating a PDF, text can be placed on a default background or a colored background. The effect cannot be seen when viewing the PDF natively, but is sometimes noticeable should the PDF be imported and used as an external document. If text is placed on a combination of default and white background, the shade of the text is affected.
	
	Resolution: Update the PDF import options to include `transmode=1`. Refer to the Designer User guide for details on how to change the PDF import options.
	
	<pre>{
	 "type": "PDFIMPORT",
	 "name": "Default_Opaque Level2Postscript",
	 "description": "An alternative PDF import conversion to correct background dithering.",
	 "options": "-M defaultall -m Edirect -M keepsrccolor -M transmode=1 -f",
	 "logDirectory": ""
	}</pre>
	Issue 1 resoulution:- An imported PDF document containing two columns of text fails to print correctly. The printed document contains two columns of text of differing shades. We recommend that the PDF import above should be used where transmode=1 to produce Postscript level 2.
	
	Issue2 resolution: - When viewing some imported External document content in design editor the imported display resolution was too low, rendering some characters unreadable. The recommendation here is to re-import the document.

CES1-69272	When publishing directly from the Production Job in Designer no version label is created on the published items. **Resolution:** A version label is now automatically created on the Production Job and related items after publishing directly from the Production Job in Designer.
CES1-69270	When publishing Interactive Active Content using the Batch Publish utility("DOC1Publish"), the `<OutputPath>` specified in the Batch Publishing Config

Key	Summary
	file is not used if the name of the Interactive Active Content is specified in the `<OutputFile>` parameter. This results in the published Active Content zip file being written to the directory that DOC1Publish is invoked from.
	Resolution: DOC1Publish has been updated to use the `<OutputPath>` value correctly when the <OutputFile> value is set for Interactive Active Content.
	Workarounds:
	1. Leave the `<OutputFile>` element blank for the Interactive Active Content in the Batch Publish config file. DOC1Publish will use the name of the Interactive Active Content for the file name.
	2. Specify the full path with Interactive Active Content name in the `<OutputFile>` element for the Interactive Active Content in the Batch Publish config file.
CES1-67629	Publishing using imported AFP Outline Character Set / Codepage font fails.
	Resolution: Publish aborted due to an issue with Designer AFP Outline Font import for both Character set/Code page pair and Coded fonts. Designer AFP Outline font import has been corrected to deal with AFP outline font. Some characteristics were not previously recognized now allows the font to be correctly imported. Note -that you will need to re-import AFP Outline font following fix.
CES1-71186	EngageOne Interactive Editor (ActiveX and Application)/EngageOne Designer - Publications and templates that perform a large amount of string processing or call Active Content many times with string parameters perform slower than expected in the Interactive Editors and Designer.
	Resolution: Assignment of string data in the Interactive Editors and Designer during logic execution giving a moderate performance improvement in this area.
	Recommendation for Optimal Performance:
	During the creation of template logic in Designer, use in-built operators instead of Active Content when an in-built operator provides the required functionality.
	The performance of the in-built operators is more efficient than coding the same with Active Content. In-build string operators: `=`, `<>`, `Is Set`, `Is Not Set`, `Is One Of`, `Contains`.
	In this specific issue, the `Is One Of` string operator can be used in the template Designer Logic to check if a specific string value is present in a string list. Although not applicable to this issue, the `Contains` string operator can be used to check the inverse, i.e. if a string list contains a specific string value.
CES1-69085	Import XML sample data fails intermittently with an XML validation error when there are multiple XSD files and the name of an XSD file matches the rightmost part of another XSD. Eg. "Invoice.xsd" matches rightmost part of "SalesInvoice.xsd". The

Key	Summary
	failure arises from the incorrect XSD file being loaded during schema parsing, resulting in undefined complex types. **Resolution:** Designer has been updated to load the correct XSD files during XML schema parsing in this scenario. **Workaround:** Make sure that the names of the included XSD files do not match the rightmost part of another XSD file. For example, with XSD files named "Invoice.xsd" and "MedicalInvoice.xsd", rename "Invoice.xsd" to "Invoice1.xsd" and update the relevant include reference.
CES1-37301	Designer Client installations fail on Windows 10 environments which do not allow unsigned installers. **Resolution:** Designer Server and Client installers are signed in releases from 6.6.11.x onwards.
CES1-67810	Publications containing External PDF document with an explicit White or other color background, when rendered to an AFP print-stream have an unreadable black background. Other print streams are not affected. **Resolution:** Designer publish for External Documents with an explicit color background has been updated to cater for this scenario. This change requires publications with external PDF documents with white or other color backgrounds to be re-published.
CES1-66675	Opening and closing Public Document in context reports Logic Map integrity error in Publication Editor **Resolution:** Logic map items for public documents are now reloaded correctly in the publication editor after closing the editors for public documents that were opened in the context of the publication. **Workarounds:** • Viewing the public document and then returning to publication view will correct the Section item(s) and remove the integrity warning. • Selecting **View->Synchronize Editor->With Referenced Files** correct the Section item(s) and remove the integrity warning. • Enabling **Automatically synchronize with reference files** on the Publication will prevent the integrity warning but this may have performance implications.
CES1-66544	**Repository Configuration Tool - Application Server Setup - Specifying SQL Server Authentication** A user containing the hyphen "-" character fails with Syntax error. **Resolution:** The Designer Repository Configuration Tool now allows the hyphen character in the Application Server Setup SQL Server user setting credentials.

Key	Summary
CES1-68576	**Issue 1** Designer Command Line Publish / DOC1Publish - When attempting to concurrently publish interactive publications from the same project, DOC1Publish fails with **object locked** error. **Issue 1 Resolution:** The project was being locked in order to create a temporary Publish for EngageOne Server production job, but it was being locked for the duration of the job, causing the other interactive publish to fail. Designer Command line Publish has been updated to unlock the project after the Interactive production job has been created in memory - it is not saved back to the Designer Repository. **Issue 2:** When publishing two jobs on the same Designer Client machine under the same user account, completing one job would remove files from the local file cache that were still being used by the other job, causing the 2nd concurrent publish to fail. **Issue 2 Resolution:** DOC1Publish has been updated so that it caches its published resources in a localcache subdirectory called `Doc1Publish.ProcessId` if the default one is already being used by another Doc1Publish process, allowing both concurrent publishes to succeed.
CES1-67935	Designer fails when a data field is used in the **Statement Date** field in the Publication **Document Interchange Journal** dialog when saving. **Resolution:** Designer Publication editor DIJ now supports variable content Data fields for **Statement Date**, this allows the save to process correctly. **Workaround:** Use a constant in the "Statement Date" instead of a Data Field. This will allow changes to be saved.
CES1-50800	Designer Distributed installation installs unrequired Designer Client as part of the Designer Application Server install **Resolution:** Designer Server / Distributed installation from verion 6.6.11+ no longer installs Designer Client as part of the Distributed installation. Note that customers requiring explicit Designer client installation on the Server must use the separate Designer Client install from 6.6.11+.
CES1-67433	Design Images published to AFP Page Segment format for Rotated and Non-rotated Color image format - FS45 images - when extracted from a HIP/HIM file onto an AFP print server image library are missing the Begin/End page segment records that wrap the image, causing these Images to fail to print. **Resolution:** The Generate Resource Processing utility - DOC1RPU has been updated, it now reads an additional entry from the rpu.ini file

Key	Summary
	Add the following entry to the rpu.ini file :
	``` <AFP> UsePageSegment = TRUE ; Values TRUE | FALSE , Default FALSE ```
	to wrap the raw Designer / Content Author published FS45 color image inside the required Begin Page Segment and End Page Segment records. This enables the DOC1RPU extracted Page Segment (PSG) Images to be imported onto an AFP print server image library and print correctly. This modification affects DOC1RPU only. Republishing of Designer/Content Author HIP/HIM files for AFP is not required.
CES1-67374	Copy/Paste of an External Document within a publication fails to populate the External Document content and loses the External Document icon. The issue also occurs when inserting a new External Document instance if the External Document already exists within the publication. **Resolution:** The Designer publication editor has been updated to cater for new instances of existing External Documents,from both Copy/Paste and inserting a new instance.
CES1-66698	During publishing of publications that contain many references to the same Publishable Active Content, excessive amounts of memory are used by the Application logic Designer Publish GBH.EXE program which can cause the publish to fail. **Resolution:** Designer Application logic Publishing (GBH.EXE program) has been updated to reduce memory usage when processing publications containing Publishable Active Content. General memory usage in Designer Publishing (GBH.EXE program) has also been reduced. **Workarounds:** 1. Wrap the Publishable Active Content in a non-publishable Active Content. 2. Re-configure your document logic to reduce the number of times a Publishable Active Content is referenced. 3. Make the Publishable Active Content non-publishable.
CES1-66418	When a plug-in chart is configured to use string variables (or data values of type string) in the data, empty strings are omitted from the plot set. However, the colors are not omitted from the plot set, and so are not aligned with the expected data values and labels. Resolution: Plug-in charts have been updated to resynchronize the indexes for the colors and labels with the modified data set.
CES1-66714	Changing character length Label and Value in **Modify Prompt** drop-down shows truncated Prompt string.

Key	Summary
	Resolution: The truncated prompts occurred where the length of text to display was different to the drop-down value associated with it. The Interactive Editor string in drop-down list is no longer truncated when the character length is updated in the **Modify Prompt** dialog.
CES1-66638	Upgrading Designer from 6.0 versions prior to 6.0M6 which use XML data type "xs:Long" fails in Generate
	Resolution: Import XML Data Format for XML xs:long data type was imported incorrectly as an integer in 6.0 versions prior to 6.0M6. All Designer 6.0M6 versions onwards import xs:long and other **large** format XML data types as number. For such data fields upgraded to current versions, the **Generate Dictionary** function in Designer will now automatically update the data types of data aliases in an existing dictionary to match the data field in the Data Format.
CES1-66688	Interactive Editor 6.6.10- Selecting a blank choice in Interactive Variable Prompt and Modify Prompt drop-down shows the previous value .
	Resolution : Selecting blank choice in the Interactive Variable Prompt and Modify Prompt drop-down now shows a blank value.
CES1-66758	Running **Publish for EngageOne** jobs on publications in large Designer projects take an excessive amount of time compared to **Publish for Generate**, especially on distributed and client-server installations of Designer.
	Resolution: Designer was retrieving excessive amounts of data from the database during **Publish For EngageOne** when querying for output devices. The database query was also being done twice. Designer has been updated to reduce the amount of data retrieved from the database during **Publish For EngageOne**, allowing a faster publishing.
	Workaround / Best Practice: Instead of having one huge project in Designer Series 6, make use of multiple Projects to represent different groups of publications where possible.
CES1-68016	Preview and Publish error for publication resources containing multiple images having identical image files. Examples of the error messages are shown below. Note that these errors may be displayed for other problems that are unrelated to this issue.
	Example Preview error:

```
"ResourcePack.cs: failed processing images: ProcessImage: an
 exception occurred while
processing Images Item has already been added. Key in
dictionary:
 'D0F99267E39E4BC88BC81421ACE819B2' Key being added:
 'D0F99267E39E4BC88BC81421ACE819B2'"
```

Key	Summary
	Example Publish error: ``` Item has already been added. Key in dictionary: 'D0F99267E39E4BC88BC81421ACE819B2' Key being added: 'D0F99267E39E4BC88BC81421ACE819B2' ``` **Resolution:** The Designer Import Image functionality has been updated so that different images are stored in different image files even when the contents of the image files are identical. The relevant Preview and Publish error messages have been updated to indicate the name of the image causing the problem. Workaround : For problem Designer images, alter the image file and import into Designer again.
CES1-51621	Unable to uninstall or upgrade Designer Server when Designer was installed by a different Windows user. **Resolution:** Designer install has been reworked so that uninstall/upgrade information is no longer reliant on individual Windows user profiles, this allows any user with administrator privilege to uninstall or upgrade Designer. **Workaround:** For all versions prior to 6.6 SP11, install Microsoft uninstall tool by clicking **here**.
CES1-66654	Designer Publish 6.6.5 onwards - PDF/A using Design editor "Unicode Language" or any Chinese, Japanese, Korean , Arabic , Thai language and using default (non-**Identity-H**) PDF device publish options produces PDF output which fails PDF/A-1b validation and fails to render in Microsoft Edge Reader. **Resolution:** Designer "Font Subset" / "Font Embed" PDF Publish and Generate have been updated such that Publications/Active Content using "Unicode Language", Chinese, Japanese, Korean, Arabic, Thai languages: • Produces PDF/A-1b compliant output , when published with Designer PDF device "PDF/A" option selected. • Produces Generate PDF output (with and without PDF/A option) that adheres to the PDF CMAP (Character Map) Font specification and hence renders correctly in Microsoft Edge and other PDF Readers. • Non- **Identity-H** updates require a republish from an updated Designer version and the matching **Notes:** Designer Publish to EngageOne user **must** clear the **Publish for EngageOne Cache before** republish: 1. Select Designer Client **Tools \ Resource Cache Management** 2. Select each PDF **Printer Identifier**" to be republished

Key	Summary
	3. Select **Clear Cache** on <u>each</u> PDF device to be republished
CES1-66152	Enable Publish Log tracing of Local Windows Font Name, Style, Version actually used when Publishing
	Resolution: As a diagnostic aid to report the actual local Windows Font name, Style and Font version used by the Designer Client Publish/Resource Server the following Registry Key can be used to report this information:
| | ```
[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Group1\DOC1 Series]
AddDesignMetricsFontNameTracing="1"
``` |
	• This will appear in the **AddDesignMetrics** section at the end of the Publish log
	• This Publish log is the most recently created GUID.log located in the Client **localcache** directory
CES1-71387	Publishing to EngageOne Server Express Batch mode fails to produce the design Journals when the Publish Wizard output devices are updated.
	Resolution: The Designer Publish Wizard has been corrected to update the journal configuration as the drivers are deactivated in the output devices tab when using multiple out. The customers issue was that by not selecting the Journal tab of the publish wizard, the journals would never be updated for the new output device mappings. Designer Publish Wizard has been updated such that once the driver is deselected in the output devices tab the journals will be immediately updated to reflect the new driver configuration. If a journal that was assigned to the removed driver had a filename associated with it then that will also be cleared. These fixes apply to EngageOne publish for Express batch and regular Generate publishing. Issues were also seen when deselecting multiple out in a regular Generate production job.
	Limitations: Publish for Generate production jobs, if incorrect, will not be fixed unless the user opens the production job and modifies the output devices, or opens the journal tab.
	Workaround: In versions before this fix, ensure that the template journals are correctly mapped. When publishing make sure to open the journals configuration panel of the Publish Wizard after making changes to the Output Devices. Opening the Journals configuration page in the wizard will trigger the refresh needed.
CES1-70206	When a table contains a hidden bundle that has table cells, the table is treated as if it is wider than it actually is and is then positioned further down the page, or on a subsequent page in the Generate output.
	Resolution: Designer now ignores table cells contained within hidden bundles so that they do not incorrectly increase the table width used in the Designer editor and during publishing. Note - Generate HIP files or EngageOne Server templates affected by the problem need to be re-published.

Key	Summary
	Workaround: In the Designer logic map, remove any hidden bundles that are in tables, if the bundle contains any table cells.
CES1-69429	When a barcode with a rotation angle is located within a table cell, the barcode is incorrectly drawn, or missing in the Generate and preview output. The problem affects barcodes, images, shapes and textboxes with a Rotation angle when placed within table cells.
	Resolution: Generate/Preview now correctly rotates barcodes and other items with a Rotation angle when placed within table cells. There is no need to re-publish HIP files for Generate.
	Workaround: Barcodes can be configured to print at 90 degrees orientation in the barcode properties. For some rotation angles, shapes can be configured to look like their rotated version. Images can be rotated externally using other software and imported into Designer. For Text boxes containing only text, the text can be rotated in 90 degree increments using the **Format->Rotate Text** menu option. Note that the text box dimensions may need adjustment.
CES1-64950	When the Repository Configuration Tool writes the busObj.config XML file, if any of the updated fields contain ampersand, less-than, greater-than, quotes or apostrophe characters, the busObj.config XML file becomes unreadable.
	Resolution: Ensure that the characters ampersand, less-than, greater-than, quotes and apostrophe are escaped before being written to the busObj.config file
CES1-70954	EngageOne Interactive Editor Application - After saving a template, the **modified** states are not cleared. This means that the web application is not notified of any subsequent modifications to the template via the **KeepAlive** event. The Precisely interactive web application always closes the session after saving, so this problem has gone unnoticed.
	Resolution: The Interactive Editor Application has been updated to clear the modified state after saving the template.
	Two other issues have also been resolved whilst fixing this issue:
	1. On receiving the save request via the **execute** route, the editor would display **Loading template...** in the status bar and would persist after the save was complete. No message is displayed now, note that the save is invoked from the web page so the feedback is displayed here.
	2. If the save action caused the spell checker to run and the template contained spelling mistakes, the editor was left in a state where it would no longer evaluate itself after prompting. The result being that if the template was saved when incomplete, it would remain incomplete after subsequently completing all prompts, unless forced to execute by pressing F5.
	* Notes about the **KeepAlive** event sent by the editor:

Key	Summary
	This event contains the **is complete** and **is modified** information and is sent by the editor every **keepAlive** seconds (specified by the URL parameter), with the following exceptions: - When the template is first modified, the event is sent within one second of the modification to editable text, or within one second of tabbing from the modified prompt to the next one. - The editor stops sending the event after **keepAlive** seconds of user inactivity (no mouse or keyboard input to the editor). The events are resumed when user activity resumes.
CES1-71020	EngageOne Interactive Editor (ActiveX and Application) - The web application is not notified that the template has been modified when updating certain prompts in the Interactive Editor. **Resolution:** The Interactive Editor was not updating the `modified` status of the template when changing the selection of active content group prompts. Therefore no notification was being sent in this case. The `modified` status of the template is now updated when changing the selection of active content group prompts.
CES1-71246	EngageOne Interactive Editor Application- An internal error message dialog is displayed to the user when the Interactive Editor Application loads a template, informing the user that a file could not be found. After acknowledging the error the editor application sometimes loses its connection to the server. When downloading files from the server the editor creates an Internet Explorer cache entry for them and stores them in the cache. The next time the file is needed it checks the cache first and, if found, copies them from there instead of re-downloading them. In certain circumstances, the cache has been corrupted and the wrong file, a speller XML file retrieved. The Interactive Editor Application attempts to load this as an active content file and fails. **Resolution:** Two software changes have been made; one to try and lessen the chances of cache corruption, the other to double-check a cache hit is valid, as follows: • Change the naming convention of the cached files, making it easier to see what the files are in the cache and make it less likely for an instance of cache corruption to cause the wrong file to be retrieved. • Check the file size of a retrieved cache file with the expected size stored in the cache information record. The error dialog is no longer displayed and subsequent disconnection of the Interactive Editor Application from the server does not occur.
CES1-70415	EngageOne Interactive Editor (ActiveX and Application) - a template containing keyed active content may fail to save in some environments.

Key	Summary
	Resolution: The issue described above has been resolved and a new diagnostic error message has been added to Interactive Editor log.
CES1-70474	EngageOne Interactive Editor (ActiveX and Application) - When the initial prompt is shown for an active content group that is not `Optional`, the drop down list has the first item selected. The correct behavior is that no item should be selected. The problem also affects mandatory DataFields and Interactive Variables that have the **Drop Down List** selection type and no default value.
	Resolution: The Interactive Editor Application and ActiveX Editor have been updated so that there is no item selected in the drop down list when the prompt is initially shown for a non-optional active content group.
	This update also corrects the behavior for mandatory data fields and interactive variables that use the drop-down list selection and have no default value.
CES1-67524	EngageOne Interactive Editor (ActiveX and Application) - Templates that have editable text and contain items that have been placed under a **Paragraph** in the Designer Logic Map will give incorrect output from Generate after being submitted where those items will be missing. Most **Presentation Objects** in Designer (such as Images, Address Blocks, Textboxes) can be placed under a **Paragraph** and would be affected and also, other items such as Output Comment.
	Resolution: The Interactive Editor has been updated to correctly process template containing editable text and paragraph Images, Address Block, Text box objects, when it is submitted in the EngageOne Interactive web client.
	Workaround: Move the logic map items that are under a Paragraph in Designer so that they are outside the **Paragraph**. Presentation objects re-located in this way will be `fixed` positioned.
CES1-66593	EngageOne Interactive Editor (ActiveX and Application) - Switching **Modify Prompt** prompt language between Default and an undefined prompt language selects an incorrect prompt and help language.
	Resolution: Selecting an explicitly undefined Modify Prompt prompt language now selects the correct default prompt and help language.
CES1-66240	EngageOne Interactive Editor (ActiveX and Application) - Selection of a date in a Prompt loop prompt is ignored and nothing is added to the prompt loop selection list.
	Resolution: Prompt loop with a date type source field is now prompted for correctly in the Interactive Editor.

Fixes in previous 6.6 releases

Key	Summary
CES-63861	Using Windows screen display settings higher than 100% results in many dialogs showing text that is too small or truncated. **Resolution:** Designer has been updated to cater for Display resolutions higher than 100%. • **Workaround:** Use Display 100% Zoom **Additional note:** In previous versions, using resolutions higher than 100% could also result in the Design editor logic map being hidden. • **Workaround:** Manually update `HKEY_CURRENT_USER\Software\Group1\DOC1 Series\5.1\DoeSvr\Settings\LogicMapWidth` from a negative to a positive value in the Windows registry.
CES-65453	Repository upgrade from Designer 5.x to 6.6.x fails with errors at revision 60028:- ``` Performing repository upgrade step 18 revision 60028...M133: Upgrade SQL error. Further details are given below: Conversion failed when converting from a character string to a unique identifier. ``` **Resolution:** The script that upgrades the 5.x database to 6.0 was corrected to resolve this issue.
CES-65321	Preview and Publish fails with the error message "A procedure imported by ResPackWrapper.dll could not be loaded" on some machines with McAfee Endpoint Security installed. **Resolution:** Update the DLL loading mechanism in Designer to use the correct Designer DLL and not one that was already loaded by third-party software. **Workaround:** Add the Designer executable (Cockpit.exe) to the exclusions list in McAfee Endpoint Security. Alternatively, it may be possible to tweak the settings in McAfee Endpoint Security to avoid the problem.
CES-63881	Publish for EngageOne or Generate fails with error **An unexpected image found in publication**. This issue occurs when publishing publication or a Publishable Active Content where:- • the published item contains an Active Content with inline images,

Key	Summary
	• and the published item contains a Publishable Active Content, • and the Publishable Active Content also contains the same Active Content with Inline images. **Resolution:** The publishing process has been updated to resolve this issue.
CES-63374	**Issue 1 summary:** Fixed images, address blocks, and text boxes in Active Content caused Generate to become unstable in some circumstances. **Resolution:** Fixed images, address blocks, and text boxes that make the text flow in Active Content are not permitted. The editor now restricts you from applying this content in unbounded areas directly in Active Content. Previously, copy and paste issues allowed for this scenario to occur; Designer has now been updated to present a logic map warning when it detects this type of content in an Active Content. When these images are detected in Active Content, Designer indicates which images need to be updated. Note, Active Content fixed images with attributes **In front of** and **Behind**, which do not cause a change in flow, are allowed. **Issue 2 summary:** Copying and pasting an image containing URL links using variable discarded the variable causing a Generate error. **Resolution:** Designer versions before this fix exhibited copy and paste issues in the Designer, which caused clickable images to lose the variables containing the URL.
CES-63305	Designer Command Line Publish (DOC1Publish), attempted to publish a DESIGN only Active Content Production Job to COMPLETE (Design and Resources) or RESOURCE (Resource only) aborts with an unhelpful message. **Resolution:** Designer DOC1Publish has been updated to provide information about the cause of the error. For example, No defined resources, so that the correct production job type is created in Designer. **Best Practice:** Create a COMPLETE (Design and Resources) Active Content Production job which can be used by DOC1Publish in any of the individual COMPLETE, DESIGN, or RESOURCE only modes.
CES-63301	Updating an existing Design Publication PDF External Document reference with another PDF External Document removes the External Document reference. **Resolution:** Designer external document save has been updated to retain the PDF External document when changing between external documents. **Workaround:** In versions before this update, use the **"x"** (Delete) button to remove the existing External Document before adding the new one, within the External Document dialog's External Document page.

Key	Summary
CES-63286	EngageOne Server aborts EngageOne Generate with missing **custom** code page when Arabic is added to an existing Publication. **Resolution:** When making any changes to output devices or application resources the **Publish for EngageOne** resource cache (**Tools / Resource Cache Management / Printer Identifier**) for each relevant Device must be cleared . A subsequent Designer republish to EngageOne will generate all resources correctly, including the previously missing code page(s), allowing EngageOne Server's execution of Generate to complete.
CES-63029	Designer becomes unstable when opening a publication that uses Sample Data of multiple different / Non-matching encodings to that defined in the data format. **Resolution:** Matching the data format encoding against that used in the Sample data resolves the issue. In this release, Designer has been updated to avoid this issue. However, the data will require correction to use a consistent encoding throughout which should match that defined in the data format.
CES-62068	It was not possible to find data field/aliases by their full name with the Design Editor Find Field (data field/alias) feature. Additionally, the field name is truncated on any data field search. **Resolution:** This issue has been resolved, allowing data fields to be searched for by their full name which is now shown in search results.
CES-63960/ CES-63949	**Issue 1 summary:** QRCode output using CRLF characters produces extra Line Feed **Resolution:** To get \r in the QR Barcode, you must change the barcode lookup file to contain a carriage return only, instead of carriage return and line feed characters. **Issue 2 summary:** Code 128 Barcode produces an extra Line **Resolution:** The Generate Code128 barcode algorithm has been updated from our barcode vendor to support carriage return and line feed correctly.
CES-63375	Publish for EngageOne (Publish for EngageOne Server) required information on the **Start Of Publication** record to split data and manage output variables. **Resolution:** Designer Publish to EngageOne Server has been modified to add **Start of publication** path data with XML style "/" into the published template_master.xml
CES-63285/ CES-62545	EngageOne KeyMap Generator - Using a comma as a decimal separator for width and height values on Continental European Windows locales produces incorrect image metrics dimensions.

Key	Summary
	Resolution: The EngageOne KeyMap Generator has been updated to use the decimal point for the current windows locale and correctly generate the Image Metrics. **Workaround:** Use full stop as decimal point indicator on any Windows O/S using the EngageOne KeyMap Generator regardless of locale.
CES-63222	Following a merge operation, duplicate folders appear in the destination project, and primary key violation errors are encountered when accessing the Data Dictionary to insert Data Fields within Publications, Documents, and Active Content. In some later Designer versions, the Merge operation fails with a Primary key violation error. **Resolution:** Updated stored procedure related to the merge operation to handle scenarios where there are deleted folders with the same path/name as a non-deleted destination folder. A database script has been provided for Designer version 6.0M5. **Workaround:** Branch the destination project before the merge operation to remove deleted items and use the new project as the merge destination.
CES-62795	When using the plug-in chart to create a stacked bar chart, there is no way to configure the vertical alignment of the data label, which shows the value for each bar. **Resolution:** Updated the plug-in chart feature to include an "Alignment" setting to configure the alignment of the Data labels. In the **Plug-in chart** dialog in Designer, the setting is located in **Configuration->Presentation->Configure Data Labels**. New plug-in chart Data Label alignment options are as follows: • Top, Top Left , Top Right • Bottom, Bottom Left,Bottom Right • Left, Center, Right Note - A matching Generate version is required to action the new Design editor Plug-in Chart Data Label Alignment options.
CES-62541	Preview/Generate fails with **GEN0575A Data format instruction -- Invalid variable data passed** error when processing publications that contain images with URL links and the **In-line** flow setting. **Resolution:** This occurs when the image URL Links are resolved using variables and have been changed while the paragraph containing the image is inactive in the Designer editor. The problem is caused by a failure to update the paragraph with the image URL settings when the paragraph is inactive.

Key	Summary
	Preview/Generate sometimes does not fail, but the URL settings for the image used by Preview/Generate may be wrong, resulting in incorrect output.
	Multi-language paragraphs containing in-line images with URL links resolved by local-scope variables fail with the same error in Preview/Generate even if they were active in the editor.
	Designer Publish process has been updated so that when creating the HIP file, paragraphs containing in-line images are updated with settings stored in the image item.
	Also, local-scope variables used by in-line images within multi-language paragraphs are now resolved during publish.
CES-64398	Publish for AFPDS Outline Type1 produces German Umlaut in an unexpected code page position.
	Resolution: The default AFPDS Outline Type1 codepage - T1Z1148 - EBCDIC International + Euro - is used for Publishing Western European languages (such as German / Austria) producing the German Umlaut character in a specific position.
	To use a country specific Codepage (such as German) for AFPDS Outline Type1 fonts, the Override Resource Map can be used to associate a specific codepage for each published font style.
CES-62376	DOC1Make 6.x - importing an EPS or PDF External document aborts when using the latest Ghostscript version 9.27.
	Resolution: Designer/Generate image handling libraries interface with EPS and PDF Ghostscript software has been corrected.
	Workaround: Use previous Ghostscript version 9.25, which does not crash.
CES-61370	Publish to PCL True Type font format on certain Windows 10 True Type fonts such as Calibri produces invalid fonts.
	Resolution: Windows 10 versions of True Type fonts contain more code pages and characters than those supplied with earlier Windows O/S versions, which caused Designer Publish to produce invalid PCL True Type fonts. Designer Publish to PCL True Type font format has been updated to take account of the larger font content on Windows 10 True Type fonts.
	Note: PCL True type font format HIPs previously published on Windows 10 require republishing where invalid PCL output has been observed and the resulting republished resources executed in a matching Generate version.
CES-61689	When importing sample data into some projects, a new Data Format is created but is not visible in the Project Navigator tree. This issue can subsequently cause Snapshot and Branch operations to fail.

Key	Summary
	Resolution: The issue was caused by a software defect in the Sample Data editor application, part of the Designer application. A new Data Format is created but 'orphaned' in the database. A new Designer release is required to resolve the problem. In addition, a database script must be run to remove the 'orphaned' data format objects that may have been created before the fix.
CES-61900	Custom positive and negative currency formats are not retained in the Design editor **Format** dialog box. **Resolution:** Design editor "Format" dialog retains the custom positive and negative currency formats.
CES-61861	Designer Search Services Installation 6.6.x - Fails when using any JDK version later than version 8. **Resolution:** Designer Search Services Installation has been updated to cater for JDK versions, both Oracle and OpenJDK versions later than 1.8, for example, JDK 12.

CES-65453	Repository upgrade to Designer 6.6.x fails with errors at revision 60028:-
	
	`Performing repository upgrade step 18 revision 60028...`
	`M133: Upgrade SQL error. Further details are given below:`
	`Conversion failed when converting from a character string`
	` to uniqueidentifier.`
	
	Resolution: Corrections to the Designer repository upgrade script that upgrades 5.x to 6.x databases, contains a Resource Map entry using a Custom codepage have been made to allow successful upgrade.

CES-65011	DOC1MAKE - External Keyed Image Metrics generator (6.x) - invalid eHTML External Keyed Image references produced. **Resolution:** By default, DOC1MAKE produces XML External Keyed Image Metrics having a "ResourceName" attribute, which contains a capitalized Image name and no filetype, resulting in invalid Generate eHTML External Keyed Image references. To resolve this HTML device(s) specific issue, a new DOC1MAKE option **/H** has been added which, when specified, replaces the default capitalized/no filetype Image **ResourceName** with the exact image filename.filetype resulting in a valid eHTML Generate output with resolved External Keyed Images.
CES-65181	Publishing to Metacode can be blocked by Anti-Virus checkers. **Resolution:** The Intermediate Designer Publish to Metacode utility (DOC1FMX) has been updated to use **.in** (input) file instead of **.scr** (script) file extension. **Workaround:** In versions before this fix add **.scr** to Anti-Virus Whitelist.

Key	Summary
CES-65171	CD installer file **autorun.inf** is detected and blocked as a security risk on some Network systems. **Resolution: autorun.inf** and corresponding autorun.exe are installation files and are only required when installing from CD. As Designer and Content Author are no longer distributed/installed from CD, these files have been removed as they are redundant and may block release media extraction on some systems.
CES-65125	Page setup Footer properties show the settings for a text box for a specific Publication. **Resolution:** The Design Editor now checks the attributes of the Footer and automatically corrects these if necessary.
CES-64837	When working with a multi-page document, the print function prints the first page only. **Resolution:** The Print function in the EngageOne Designer and Interactive Editors now uses the specified **All** or **Range** print dialog settings, enabling the printing of all or part of a multi-page document.
CES-63959	When Designer is installed in non-English environments which use comma as a decimal separator, the English locale is not displayed correctly (Blank entries); causing number and integer fields to display incorrect blank/zero values. **Resolution:** Designer has been corrected to ensure that the locales are language-independent and display the correct entries for the English locale on all non-English Designer Clients.
CES-63407	Renaming a publication from a branched or imported snapshot and moving (Cut/Paste) a publication from one folder to another reverts the Pasted (moved) Publication to the original name. **Resolution:** The Designer Navigator has been corrected to use the correct name in this scenario. **Workaround:** Refresh the navigation tree after a rename of a branched or imported publication.
CES-64509	A Repository Upgrade from 5.x to 6.x fails on a given database with error **The DELETE statement conflicted with the REFERENCE constraint "FK3_Security_AccessControlEntry_User"** **Resolution:** Update to Repository upgrade script to allow the database to be processed. **Workaround:** Manually remove the Designer user "Chris Reiher" from the 5.x database before upgrading

Key	Summary
	Best Practice: Run the 5.x Designer Repository Integrity Check tool (available on request from Customer Support) to clean up the 5.x database before upgrading to 6.x.
CES-63544	Parent Tables containing other tables have the Table Dialog **Advanced** page **Multi-level table** section options **Continuation header** and **Continuation footer** disabled.
	Resolution: The Table dialog Multi-level options in nested transaction tables have been removed.
	Best Practice: The **Table page overflow** system variable can be used in a condition to control when continuation header/footer rows from a table are shown.
CES-63680	Active Content custom properties can not be re-added if deleted.
	Resolution: Designer Active Content Custom properties can now be deleted and re-added as needed, without the need to save and re-load.
	Workaround: In versions before this fix, the Active Content must first be saved and re-loaded before the custom property can be reinstated.
CES-64226	Server Admin does not have enough information to correctly display the XPaths for a non-interactive XML template when configuring Delivery Management output variables.
	Resolution: Designer publish (for EngageOne) templates that use non-interactive XML data, now include a new DataFormat element in the template_master.xml file.
	This element includes information about the start-of-publication record(s), plus a list of all the usable XPaths.
	Example:

```
<DataFormat>
<StartOfPublicationRecord
path="/storeCard/storeCardPubStart"/>
<XPaths>
<XPath>/storeCard/storeCardPubStart/accountInformation/accountNumber</XPath>
...
</XPaths>
</DataFormat>
```

The DataFormat element is not required for interactive and non-XML templates as EOS Admin is currently able to list the XPaths correctly for these templates when configuring output variables.

Key	Summary
CES-63633	This issue occurs when adding an empty native chart causing Engage One Designer to become unstable when number formats in the active locale have blank values. **Resolution:** Designer has been updated to avoid this issue when handling an empty chart using blank number locale values. Entering blank entries in the locale number formats is no longer allowed and not supported. **Workaround:** Ensure the locale number format does not contain blank settings for the number formats.
CES-63861	Screen display settings greater than 100% results in many dialogs showing very small or truncated text. **Resolution:** Designer has been updated to cater for display resolutions higher than 100%
CES-63170	Designer becomes unstable when Sample Data does not match the Data format encoding **Resolution:** Designer data loading has been updated to avoid the problem where ISO-8859-1 data is loaded using non matching **Host Default** encoding. Note - The Data Format encoding must be updated to reflect the actual codepage used in the data.
CES-62776	Opening the Properties dialog for a Reserved area that appears on multiple pages and contains different content on some of the pages causes the Height value to be misrepresented. Changing the Height value in this scenario can result in an unexpectedly large value being applied to the Reserved area. **Resolution:** When getting or setting the bounding box for multiple selected shapes in the editor, check if the selected shapes all belong to the same logic map item and if they do, then use the bounding box for one selected shape. **Workaround:** 1. In Designer, go to the **Page Setup** view of the document. 2. On the editor page view, click on the **Reserved Area shape** to open the shape. 3. Hover the mouse pointer over the boundary of the Reserved Area shape, and the pointer will change to a cross-arrows pointer indicating that the shape can be dragged. 4. Right-click the mouse, and a context menu will be shown for the Reserved area. 5. Select **Format Shape...** 6. The Reserved area properties dialog is displayed with correct height value.

Key	Summary
CES-64404	This issue applies the table handling for HTML output, specifically eHTML (HTML for e-mail) using the Fluid layout option, as follows: • The table auto-height and minimum-height options in the Designer were not being respected. • Tables placed in the Design wider than the page were being assigned widths greater than 100%. **Resolution:** The following updates to the eHTML driver to address these issues: • Table cells in fluid eHTML now grow and shrink based on the width of the page respecting the minimum size set in the designer. Previously this value was ignored and cells would shrink to the minimum size of the content ignoring any page layout being created in the Designer based on minimum cell height. • Generate now limits table width to 100% of the page width.
CES-59238	Adding publications and Active Content from Interactive when there are multiple versions of the Review/Approval Project causes Error 500 to be reported in EngageOne Interactive **Resolution:** The Interaction between EngageOne Interactive and Designer for Review/Approval projects has been updated to retrieve details for the Current Project only.
CES-60386	Unable to change attributes of clickable images when not evaluated in the logic map when the *OK* button only is pressed. **Resolution:** Ensure attributes of clickable images are updated when not evaluated in the logic map and the *OK* button only is pressed. **Workaround:** If the *Apply* button is pressed followed by the *OK* button the clickable image attributes are updated.
CES-59248	This issue was observed in Designer Publish. Comparing a string representation of a number to an actual number inside a formula produces unpredictable results in Generate. Resolution: The issue was with publishing rather than Generate. The conversion from string to number was being ignored meaning that the type of the left operand was being used for comparison (in this case a string, which does not support the less or greater than operators). Designer Publish has been updated to cater for Formula condition string and number comparisons.
CES-59535	Designer did not support the rendering of Thai fonts that require the placement of diacritics with a horizontal or vertical offset from the origin. In such cases overprinting occurs.

Key	Summary
	Resolution: functionality to support Thai fonts that require the horizontal and vertical movement of diacritics has been added.
CES-60235	When sessions in Engage One Designer are active, the admin user cannot clear the Publish for EngageOne resource cache.
	Resolution: The ability for the admin user to clear the resource cache is now given even when there are still active sessions.
	The admin user is warned of any active sessions and given the option to clear the cache or cancel.
	Note: Any publish operations currently active if the cache is cleared may not complete. The option should be used at the Designer administrator's judgement.
CES-60614	Interactive Data Import - Merging changed Interactive Data Definition **Default Value**, **Prompt** and **Help Text** values are not picked up and not merged.
	Resolution: Interactive Data Import / Merge has been updated to identify when the **Default Value**, **Prompt** and **Help Text** fields have changed and allow these values to be optionally merged by the user of the data import.
	Workaround: Make a change to another attribute in the above fields, this will enable the Interactive Data merge of these field values.
CES-61005	Designer aborts unexpectedly when opening specific publications
	Resolution: This issue occurs when repaginating background text and has now been corrected. This issue affects Designer only, output from Generate is unaffected.
CES-61007	This issue was observed when using the Designer Repository Configuration Tool.
	Requesting a database backup does not display the dialog warning of logged in users with ability to disconnect users.
	Resolution: The Designer Repository Configuration tool has been updated to invoke the warning dialog showing details of all logged in users. You are then informed that proceeding with the backup will log out all connected users to specified database.
	Workaround: Use the Designer Client administrator **Administration / Sessions** option to check / logout the active sessions before starting a backup.
CES-61168	Field Parameter logic map items that have been copied to an inactive branch of logic disappear when the logic is forced to be active.
	Resolution: The ability to copy and paste Field Parameter logic map items has been removed. It is not possible to copy these items even when the destination is an active branch of logic. Note that the Field Parameter item is briefly copied but is immediately removed after logic execution by logic map integrity checks.

Key	Summary
	Workaround: Copy / Paste parent "Paragraph" logic map icon containing the Field parameter, which is valid in both active and inactive logic map branches.
CES-47483	It was possible to use the ALT+Mnemonic key for Header and Footer dialog controls that are disabled, leading to unpredictable selection. For example, Header ALT+L (Label) and Footer ALT+H (Height) mnemonics **Resolution:** The Header and Footer dialogs have been updated so that disabled dialog controls now have the matching ALT+Mnemonic key sequence disabled.
CES-60661	Publish to EngageOne aborts with error when adding an additional font in use by the publication. **Resolution:** Publish to EngageOne has been updated to ignore a user specified additional font which is already present in the requested publication.
CES-60445	The Advanced Search Indexer Tool fails when indexing a Designer Repository with a large amount of data. **Resolution:** The Designer Advanced Search IndexerTool.exe has been updated to be "large address aware", allowing access to use of larger memory available on 64 Bit Windows Operating Systems.
CES-61098	Designer Repository Configuration Tool 6.6.8 - Backup warning (Database in Use) dialog reports incorrect ***lose unsaved changed***. **Resolution:** The Designer Repository Configuration Tool 6.6.9 Backup warning dialog message spelling has been updated to ***lose unsaved changes***.
CES-61095	The Data Format Editor aborts unexpectedly upon exit on XML Data format using DTD. Note that this issue does not occur with XSD. **Resolution:** The Data Format Editor shutdown process has been reordered to correct the memory corruption which led to this issue in previous versions.
CES-59714	When performing a ***Paste Special / Unicode Text*** the character is incorrectly presented. Resolution: When pasting plain text, the input language of the keyboard is associated with the pasted text. To get "₹" symbol you have to follow Reproducing steps. Then mark "?" and Set Language to Unicode Language.
CES-60276	Publish for EngageOne discards Structured XML Journal entries if the publication name contains British Pound, Japanese Yen or Indian Rupee currency symbols **Resolution:** Designer Publish to EngageOne has been updated to cater for currency symbols so that the defined Structured XML Journal entries are published,

Key	Summary
CES-60193	Publishing publications for EngageOne containing the Ampersand "&" character in the publication name omits all structured journal entries from the published template_master.xml and consequently are unavailable for selection in EngageOne Administration. **Resolution:** Designer Publish for EngageOne has been updated to correctly generate internal XML files when publishing for Engage One in order to publish the Structured XML Journal entry names. **Workaround:** Do not use "&" character in the publication or journal entry names and entries will be present.
CES-60011	Publishing can fail with Windows IO errors on certain environments. When merging HIP files during the publishing, conflicts may occur leading to this issue because the destination files may have been opened by another process, for example, an antivirus program. **Resolution:** The publish process has been updated to avoid this issue.
CES-59621	Publishing fails for publications that have Active Content present in the page section column header or footer logic. Designers are incorrectly allowed to insert Active Content within text boxes or Active Content Groups at this point in the logic. **Resolution:** Active Content and Active Content Groups can no longer be inserted at any point inside page section column header and footer logic. Logic map intergity errors will be shown when existing templates are loaded that exhibit the original problem. The offending Active Content and Active Content Group objects should be removed from the logic and the template saved.
CES-60010	Designer aborts when opening or editing a document that uses an Active Content page in the Page Setup or Remaining Space area. **Resolution:** Designer has been updated so that the editor preserves state information for existing tables during pagination if another instance of the same table is created.
CES-59134	When multiple languages and fonts were used in a style list, the Style List dialog was not retaining the language when the font was changed. **Resolution:** The Style List dialog has been updated to set the font style language correctly.
CES-59966	Generate to fails on published HIPs when the design is conatins any of the following: • simple condition with alternate formula condition • comparing data field to number

Key	Summary
	Resolution: Publish has been updated for condition operator handling.
CES-59740	Flat DataMatrix barcodes were being truncated when the length of the value was at maximum capacity.
	Resolution: Designer / Generate - The encoding algorithm for DataMatrix barcodes was not using the most efficient method when dealing with the final few characters of a 72 character string. This caused an overflow beyond the 49 byte capacity of an encoded flat barcode.
CES-58851	This issue occurs within the XML Data Format Editor, the setting in the Sample Data Format Properties dialog for *String/ Trim Right* and *String/Trim Left* was not applied to the string data fields when marking Start of publication.
	Resolution: the XML Data Format Editor has been updated to correct this issue.
	Note - For existing Data Formats the Start of Publication marker will need to be reset for the Trim settings to be applied.
	Workaround: In versions prior the fix, the required Trim setting must be applied to each data field individually.
CES-59696	Designer stops working in the following scenario:
	1. An image is placed outside of a paragraph; for example in:
	a. a text box
	b. a table cell
	c. the background.
	2. The image is configured for multiple languages.
	3. A language-specific image is added.
	4. The multiple language setting is cleared.
	Resolution: Designer has been updated to address the above.
CES-58660	Unable to change the property of a clickable image if the image is inactive (grayed out) in the logic map.
	Resolution: Enable the modification of the clickable image property when the image is active or inactive in the logic map.
CES-59258	Engage One Designer prompt group design did not work when the prompt value in the defined interactive field contained **<**. Affected characters are:
	:
	;
	,
	<

Key	Summary
	~
	Resolution: these characters are now handled correctly when designing the fields.
CES-57836	The *Find Version Label* and *Label Details* dialogs in Designer can take many seconds to display and sometimes fails to be displayed. This was due to SQL query timeout when invoked from projects that have large numbers of labels and items. These dialogs can be accessed from the Export Snapshot, Branch, Version Label->Find and Merge operations.
	Resolution: The underlying SQL queries that populate the *Find Version Label* and *Label Details* dialogs in Designer have been rewritten to improve performance and efficiency when used with large datasets.
CES-59426	The French (France) and French Canadian translations of *Condition/Reset All* are incorrect.
	Resolution: Designer *Condition / Reset all* translation has been corrected from *Supprimer tout* to *Réinitialiser tout* for both French languages.
	Note - The shortcut key for this menu option has been moved from the 'u' to the 'R'.
CES-59271	Resizing dialog boxes containing value picker lists, such as Concatenation or Journal dialogs, introduces unexpected visual presentations.
	Resolution: The individual value pickers were redrawing their backgrounds using the theme for property pages, rather than the dialog box color.
CES-59253	This issue is observed in the document and publication views report, action errors issued for unexecuted Keyed Active Content
	Resolution: Designer has been updated to report warning / error messages for Objects that are being executed only.
CES-58865	In the Design editor, pasting of Unicode characters, such as the Indian Rupee Symbol does not work. The specified character is not pasted. The pasted character wrongly switching the design language from the original Unicode language.
	Resolution: The pasting (RTF Import) functionality in the Design editor has been updated to ensure the font language is kept when pasting symbols, resulting in the correct pasted character.
	Restriction: Use standard Copy - Ctrl+C and Paste -Ctrl+V or Edit / Paste Special "Rich Text" for extended characters. The Edit / Paste Special "Unicode text" is not supported for these extended characters.

Key	Summary
	NOTE : When using the *Microsoft Sans Serif* font, the latest O/S version of the font must be imported into Designer prior to pasting the text, otherwise the character will not appear when running Generate. **Workaround:** after the character has been pasted select the text and set to the correct font and also language to Unicode.
CES-47436	The Variable list dialog incorrectly allowed the setting of array indexes of variables used in URL links, clickable image, display text, Tooltip and address options. **Resolution:** It is no longer possible to specify an index value of any variable used in these properties for image, URL and URL Link objects.
CES-56954	DOC1Publish (Command Line Publish) does not work for Designer Single Sign On (SSO) configurations. Specifying empty or domain name/userid credentials for DOC1Publish fails in Designer SSO configurations. **Resolution:** The issue here was that DOC1Publish needed a Designer user account to run the publish process even though Designer had been configured for SSO. DOC1Publish has been changed so that when no username or password is specified on the command-line, it will use the currently logged in windows account to log into Designer.
CES-58234	Designer aborts when opening a document that contains nested tables using variable arrays. The problem typically occurs when the nested table structure does not fit on the page where it is initially placed and is moved to the next page. Resolution: The Designer application has been updated to prevent the problem from occuring when processing variable array values in nested tables during page overflow.
CES-58283	Publish for EngageOne aborts with an Out of Memory error when publishing interactive data with data fields of the same name appearing in different groups and containing a period (".") . **Resolution:** Designer Publish for EngageOne has been updated to allow Publish to complete and unique template_master.xml data field names to be generated correctly.
CES-54530	Editing concatenation whose overall value exceeds 300 characters causes Designer to abort.
CES-51914	The ***graphical object is outside the page boundaries*** warning message is displayed in Designer when using an imported full-page overlay that exceeds the page dimensions by a very small amount. Resolution: The ***graphical object is outside the page boundaries*** warning is only issued if the page boundaries are exceeded by an appreciable amount.

Key	Summary
CES-57666	Thai Tone Marks being placed incorrectly. Most noticeable when the SARAAM character is used. **Resolution:** True Type fonts contain implicit rules governing the placement of characters. In the case of Thai Tone Marks such as SARAAM no rule existed in the font. Designer / Generate has been updated to place such Thai Tone Marks correctly. **Workaround:** Use Alternative keystrokes - Rather the use a single keystroke when typing SARAAM use two keystrokes <nikhahit, sara aa>
CES-40315	Thai tone marks above the diacritics do not appear correctly in Generate output for any device unless the language is specifically set to the Unicode Language. On close examination you may observe that the tone marks are there; they overprint the diacritics rather than appear above them. **Resolution:** Treat Thai text as a 'complex script' automatically (as per the Unicode and Arabic languages), so that it does not need to be set to the Unicode Language to appear correctly. This means that the required resources are automatically created for Generate during publishing. Note that this requires the publication to be republished - old HIP files will still appear incorrectly.
CES-25248	Designer Repository Configuration Tool fails to backup repositories with large filestores that take more than 10 minutes to archive into a ZIP file. **Resolution:** When running the backup, the Repository Configuration Tool now uses the `UpgradeCommandTimeOut` value in the BusObj.config file to set the database timeout value.
CES-43248	Publishing True Type fonts to AFP Outline Type1 does not create individual character (FNI) metrics for certain characters in some fonts which can cause third party AFP Interpreters issue, although it prints correctly. **Resolution:** AFP Outline Type1 fonts created during Designer Publish now include the previously omitted FNI Character metrics. Note - This Publish change will require a clearing of the Designer Client Publish "LocalCache" (Tools \ Designer Preferences) and of the Publish to EngageOne ResourceCache (Tools \ Resource Cache Management) to remove previously published versions of the fonts on the Designer Client and Server before Republishing the fonts. - This Publish change affects all True Type fonts that are Published from this version onwards to AFPDS using "Outline Type1" for all resolutions.
CES-39806	The DataMatrix barcode does not allow encoding to be specified, but instead chooses the encoding based on the input data to generate the most compact

Key	Summary
	symbol. Therefore, C40 encoding cannot be chosen which is a requirement of the Italian Postal system.
	Resolution: An Encoding option has been added to the DataMatrix setting on the Barcode dialog. This allows the encoding to be set to Automatic or C40. Note that the Automatic option chooses the encoding based on the input data to generate the most compact symbol, as before.
CES-54350	A string in a long date format cannot be cast to a date.
	Resolution: Added support for string-to-date casting using a long date format, and fixed a problem with casting from a short date string when using MMM (e.g. 15/Jun/2012). Note that the cast is case-sensitive, which means that the day and month names must match the case of the names specified in the locale.
CES-53907	Designer editor may become unresponsive when the document contains a word wider than the page if every page contains a shape the height of the page.
	Resolution: Avoid placing the word after so many pages so that the text which cannot be placed overprints the shape. Note that in this scenario Generate will abort.
	It is recommended that the publication template is changed as the current design means that all the text must be flowed around the reserved area, which is inefficient. A better solution would be to delete the reserved area and add a column layout to the section where the desired indent can be achieved by setting the left margin of the canvas.
CES-57554	Engage One Generate formatting information applied in Designer was not included in the Journal for the ***Driver Publication Page Count***.
	Resolution: Designer Publish has been updated to ensure that format information is included in the HIP file for use by Generate. The ***Driver Publication Page Count*** Journal formatting now appears correctly.
	Important note: - The Publication/Template must be republished.
	Workaround: In versions prior to the fix, choose one of the following:
	1. If you do not require the thousand separator at for anything all change the locales ***Digit Grouping symbol*** from "," to " " in the default locale.
	2. In Designer Just before your write the journal add a:
	a. Set locale action to a locale (make your own) that does not have a thousands separator ("Digit Grouping symbol") set as "," but set as " "
	b. Write the Journal
	c. Add another Set locale action to set locale back to desired locale for the rest of the logic.
	3. Post process the journal files to remove the unrequired comma separator.

Key	Summary
CES-56916	Currency Data field formatting missing from Generate Output
	Resolution: Designer Publish has been updated to correctly format a Data Format number field used as a currency Data Dictionary field.
CES-56611	Opening a publication that uses many Active Content objects can be very slow.
	Resolution: Prior to this fix the validity of the same Active Content in the Design Editor logic was being checked multiple times - once for each usage. The Design Editor has been updated to ensure that Active Content in the same context are only checked once, hence improving publication open performance where the same Active Content(s) are used repeatedly.
CES-56467	Active Content parameters of type currency discard the currency symbol when published.
	Resolution: Designer Publish for Active Content Currency parameters has now been implemented. Generate will now produce correct Active Content Currency parameter value from the republished resources.
CES-56293	Address block and Native Charts - Updating a font reference results in the unrequested Unicode font language being selected in Design Editor and ending up in the output.
	Resolution: Designer has been updated to ensure that the Address Block and Native Chart Font language is not switched to unrequested Unicode language and remains as per Design Language.
	Workaround: In 6.6.x versions prior to the fix , use Design Editor Find / Replace / Font to replace the unwanted "Unicode" Font language references.
CES-47228/ **CES-56270**	Changing the style of the currently selected text may have no effect if multiple styles have been set to the same font. This is especially noticeable if the style being selected is set to the default font, as this is the font to which all styles are initialized.
	Resolution: Designer font styles have been updated to ensure requested font style is selected correctly.
CES-56801	Publish for EngageOne failed with unhelpful error message when the application contained logic map integrity errors.
	Resolution: A new Publish error message has been added to inform the user that the problem may be caused by logic map integrity errors. The logic map integrity check has been extended to identify Documents that contain logic map integrity errors when the editor is in the Publication view.
CES-57801	It was not possible to delete images from a Designer project because a public document had retained hidden references to it. The hidden image references

Key	Summary
	were introduced when removing multiple languages support from image logic map items that were previously configured to support multiple languages. The issue can also affect publications and Active Content. **Resolution:** The Designer client software has been updated so that redundant multiple language image references are removed from single-language images when a publication/document/active content is opened and saved in Designer.
CES-53619	Single Sign on - The user import dialog does not include users whose names match subgroup names in the selected active directory group. **Resolution:** Users whose names match subgroup names in the selected active directory group are now included.
CES-50917	Publish for EngageOne - templates containing non interactive XML only recognizes one schema.xsd file even where more than one is defined. **Resolution**: Publish for EngageOne has been updated to create a template zip containing all of the required schema.xsd files as defined in the XML.
CES-54723	In certain circumstances Generate and Engage One Compose (server modes) was aborting on job submission. **Resolution**: This issue was caused by a memory corrupt; the software was modified to correct this occurring.
CES-54360	In the Designer Editor, tables and text boxes sometimes cannot be opened or selected after the data set is changed. This occurs when these items occupy the same area of the page that was previously occupied by a text box that is no longer displayed. This would occur if the previous text box contains another text box or table and the cursor was in the inner item before the data set was changed. **Resolution:** The Editor now closes text boxes/tables and the items that contain them if they were previously open but no longer exist after logic execution.
CES-53619	Single Sign on - The user import dialog does not include users whose names match subgroup names in the selected active directory group. **Resolution**: Users whose names match subgroup names in the selected active directory group are now included.
CES-29838	When Context Editors are opened, the data selection control in the Context Editors may show incorrect values and the dataset iterations in the Context Editors may not be correctly synchronized. This can happen when opening new Context Editor windows and also after the ***Synchronize Editor with Open Files*** menu option is actioned, especially when there are multiple Context Editor windows and the Publication setting ***Automatically synchronize with referenced files*** is turned off.

Key	Summary
	Resolution: Correction have been made to the Editor data format loading process to prevent data corruption from occurring when multiple editors are loading data at the same time. Update the data selection control when a Context Editor is synchronized.
CES-27507	Designer fails to import snapshots that contain resource map entries referring to AFP FOCA (Bitmap or Outline) fonts which already exist in the target Designer Database.
	Resolution: The Designer database stored procedure used to remove duplicate font folders when importing snapshots has been re-worked to cater for the scenario where the same AFP fonts exist in both the Snapshot to be imported and in the target Designer database.
CES-54586	Changing the default value in an interactive data date/time field did not enable the OK button on the interactive data field entry dialog.
	Resolution: The issue here was that changes in date or time fields was not being passed to the property page. The software has been updated to ensure expected behavior.
CES-55700	Designer Single Sign On (SSO) - Fails if the first client to connect to the Designer Application Service does not have read access to the Designer Server folder. Note that this causes all subsequent connections to also fail.
	Resolution: The problem was due to a combination of Windows impersonation and the way the assemblies are delay loaded by the Designer Application Service (BusObjService). The Business Service Layer (BSL) assembly is not loaded until the first request is received by the client. As the request is in the context of the client user account (because of SSO impersonation), and the particular user did not have access to the server directory where BSL.DLL is located, then the assembly could not be loaded.
	This is fixed by preloading BSL and its dependencies at service startup time.
CES-54873	The Interactive Editor (ActiveX) aborts when loading an Active Content Group containing multiple entries with prompt strings sufficiently long to enable the horizontal scroll bar on the Active Content Group dialog .
	The Abort error reported is *DataCapture \ Encountered an improper argument*
	Resolution: The Active Content Group dialog within the Interactive Editor has been updated to size the Active Content Group dialog correctly when the Horizontal scroll bar is enabled.
CES-29584	Characters are missing in Generate output when using a Windows True Type font which has been updated on the Designer Client O/S since the original application design.

Key	Summary
	Resolution: When the Windows True Type font on the Designer Client has been significantly updated by the font vendor (e.g Microsoft) and no longer matches the font version and content used in the original application and stored in the design repository, then significant differences may result in the published / generated font output.
	This version adds the ability to update the previous font version stored in the design repository using the Designer *Import Fonts / Windows font...* functionality to replace the existing font version with the current Designer Client version by re-importing each individual point size/language used in the design application of the relevant font.
	Following the font replacement, the user will need to clear the Designer Publish Localcache and Publish for EngageOne Driver cache(s) as required before republishing Generate resources and executing the matching Generate version with the republished resources.
CES-54238	Unable to import AFP page segment or color images with the following attributes:
	• Image using LZW encoding (not previously supported) • Image using AFP field continuation data for image bands.
	Resolution: Designer AFP Image Import and DOC1IMGCONV have been updated to support AFP images containing:
	• LZW encoding • AFP field data continuation for image bands.
CES-50787	When using the Repository Configuration Tool and switching between the options; the following is observed:
	Install a new Repository / *Upgrade an existing repository*
	the values entered for *Install a new Repository* are discarded and revert back to default values.
	Resolution: Leave values for the *Install a new Repository* unchanged if these have been previously entered.
CES-53998	When the Interactive Editor(ActiveX) enters a table with one strow and one column, Accessibility Screen readers such as JAWS correctly specify the cursor location as *strow 1, column 1* but incorrectly reports *Entering table with 0 columns and 1 strow.*
	Resolution: The Interactive Editor (ActiveX) has been updated to resolve an issue where the wrong number of columns was being supplied to accessibility screen readers such as JAWS for tables with only one strow.

Key	Summary
CES-25232	Spurious vertical white lines appear in barcodes when using standard or font scaling mode for the following types: Code 128, UCC/EAN128, 2 of 5. **Resolution:** Line drawing support has been added for these barcode types. These unwanted white lines do not appear when using line drawing mode. Note that the following options are not available for the line drawing types: • Code 128 - Trim spaces - This can be achieved using the equivalent option available in the field format dialog. • Code 128 - No control code - Line drawing already supports the specific A, B and C sets, so if you know what set your data pertains to, then you can already choose it. • 2 of 5 - IATA - This option is currently only available for font scaling mode, but it has no effect (the standard start/stop bars are still used instead of the IATA ones).
CES-53933	The use of large Interactive Data (XML, XSD Xform) in Designer publication Open and Publish is very slow. **Resolution**: Newer version of the third party XML handling has been introduced into Designer and Generate which significantly improves performance.
CES-52862	Designer / Generate eHTML Barcode issues: • Font scaling mode is not supported for eHTML output. A warning is printed and the barcode is discarded. • Mixing standard barcodes with font scaling barcodes in the same publication corrupts the sizes of standard barcodes in eHTML output. • QR code images are corrupted in eHTML output and cannot be scanned (even when using the supported standard mode). **Resolution:** The above issues were caused by inconsistencies in both publishing and Generate; these have now been fixed. As some of the problems were with the publishing process, the eHTML resource cache used for EngageOne publishing must be cleared, and the publication containing the QR codes must be republished. Note that font scaling mode is now supported and it is recommended that this mode is used instead of standard mode so that the point size can be adjusted to increase the size of the QR code.
CES-54553	Unable to publish a publication containing Windows SimHei font in the Simplified Chinese Language to AFP Bitmap font output **Resolution:** Designer Publish to AFP Bitmap font now caters for Windows Font / languages where a Windows custom font encoding is supplied in preference to the font's internal encoding scheme.
CES-54288	Designer Advanced Search Installation fails on Windows Server 2008 R2 (x64)

Key	Summary
	Resolution: It has been observed that the message queue Powershell commandlets used by the installation scripts are not always present on Windows Server 2008 R2 machines. The message queue installation script, *messagequeue.ps1*, has been changed to use an alternative method of creating and removing the queue used by the search services. **Fix for previous versions:**To apply the fix to earlier Designer versions locate the *SearchServicesWin64.zip* file in the latest release *Features\Search* folder of the installation media and replace the *messagequeue.ps1* file in the Scripts folder with the one provided. Alternatively extract the files from the installation media as documented and replace the extracted messagequeue.ps1 file with the one given.
CES-53970	Multiple Repeating Data Groups within Keyed or Delimited Data cannot be selected in the Design Editor Data field picker. **Resolution:** Designer has been corrected to ensure Multiple Repeating Data Groups are generated with the correct name allowing their selection in the Editor. Note - Data Dictionary and Data Map will need to be regenerated for these changes to take effect. - Ensure *Update mappings for amended data format elements* is selected in the Generate Dictionary Wizard.
CES-52704	Datamatrix barcodes were being rejected erroneously when the length of the value was at maximum capacity. This was the case for both square and flat modes, but was more apparent for flat mode as the capacity is far less. **Resolution:** The issue has been fixed.
CES-53525	Designer preview behaves unexpectedly when the address field length for a PDF URL link exceeds 512 characters. **Resolution:** Generate text and image URL links have been updated to allow for as many characters as required.
CES-53294	**Issues:** • Using AFP Bitmap Font output for Thai Language Characters overprints both the Diacritics and the Thai Characters. • Using AFP Outline Type1 output for Thai Language Characters fails to print any Thai Characters **Resolution:** Use of AFP Bitmap font output when working with Windows design fonts will overprint (for all languages) and is not recommended. The recommended

Key	Summary
	AFP Type 1 Font output for Windows font Thai Language characters (excluding diacritic support) was not implemented prior to this fix. Designer Publish for **Unicode Language** has been updated in 6.6 versions so that re-publishing Thai characters using Design **Unicode Language** to AFP Type1 Font output and executing the published HIP in the matching Generate version, will now produce correctly placed AFP output for Thai Diacritic characters.
CES-52859	**Issue 1 Summary:** Unable to change the code page for input data once defined. **Resolution:** The **Sample Data File Properties** dialog within the data format editor (Keyed and Delimited) has been updated to allow the data format code page to be updated for all keys, records and data fields to match a related code page change for an updated sample data file. **Issue 2 Summary:** Importing a keyed data format schema containing repeating field groups produces an invalid data format which causes Generate to fail. **Resolution:** Designer data format export / import schema has been updated to cater for Repeating Field Groups to produce a valid Data Format
CES-51995	Table inside text box has incorrect color when set by highlight color object This issue appears in both Designer and Generate and was exhibited as follows: • Generated output tables were colored Grey/Black instead of specified Highlight Color blue. • Design editor the borders of the table were black instead of specified Highlight Color blue. This issue was caused because the highlight color was incorrectly set to the highlight color outside the text box rather than the text box highlight color. **Resolution:** Both the Design editor and DOC1GEN have been updated to get the highlight color from the correct highlight color object.
CES-50609	Verdana Fonts supplied with default database using Unicode language produce incorrect characters in Generate. **Resolution:** Although the characters exist in the "Latin Extended-B" unicode block of the latest version of the Verdana font, they are not in the version of the Verdana font shipped with the default Designer database. The characters appear in the Editor as it uses the fonts installed in Windows, but the fonts from the database are included during publishing and ultimately used in the output when embedded or subsetted. Note that the italic and bold-italic styles are not included in the default database, so if these styles are used then the characters should appear in the output.

Key	Summary
	The latest software has been updated to replace the old Verdana fonts with the new versions. All Designer clients ensure that the old fonts are removed from their local file cache before opening/publishing/previewing the publication again. This can be done by setting the *Empty local file cache on start-up* option in *Tools > Designer Preferences*, and restarting Designer.
CES-49779	White lines may appear in PDF417 barcode output when using standard and font scaling modes. Line drawing cannot be used to overcome this as PDF output does not support this option. **Resolution:** PDF has been added to the list of output devices that support line drawing for most barcode types, including PDF417. Unwanted white lines no longer appear in PDF output when using the line drawing option. The fonts used to render the barcode for standard and line drawing modes have also been updated to eliminate the thick white lines (note that for these modes, single pixel lines can still appear at certain resolutions as with all barcode fonts). If you prefer to continue using fonts over line drawing, then the following must be done on the client machine for the change to take effect: 1. Uninstall the old windows fonts PD2w Regular, PD3w Regular and PD4w Regular. It may be necessary to restart the computer to allow this. 2. Clear Designer local file cache. 3. Clear the resource cache used for EngageOne publishing. 4. Regenerate any HIP files.
CES-49136	This issue is observed when installing Designer with Single Sign On and Content Author on the same machine. In this scenario the ResourceAccessService.exe.config file was not preserving the *<secure="true">* setting. This prevented a user from installing both Designer with single sign on and Content Author on the same machine. **Resolution:** The Content Author Configuration Manager has now been updated to make remoting runtime *secure*. This ensures any user changes to the Resource Access Service configuration are preserved.
CES-52043	Placing a data field in Designer publications, documents or active contents takes is slow where there are a large number of dictionaries available in the Designer Project for selection. **Resolution:** Design Editor Data Field selection has been updated to remove unrequired calls on each of the available Data Dictionaries in the Project. Data field performance by 80-95% in a Distributed environment test. **Workaround:** In versions prior to fix, branch the relevant publication (referencing the specific data dictionaries used by the publication) to a separate project and work with the branched publication/project.

Key	Summary
CES-51318	Merging an Imported "Interactive Data Definition" does not update Interactive Data Field " Field options" such as Read Only, Mandatory, etc. **Resolution:** Ensure Designer now picks up the change in element attributes for: "g1:keyfield" "KeyField" "g1:sysdata" "System data" "g1:visible" "Visible on XForm" "g1:locked" "lock value" "g1:protected" "Mandatory" "readonly" "Read-only" Note for repeating groups fields it is not possible to change attributes. **Workaround:** In versions prior to the fix update "Field options" within the Interactive Data Editor.
CES-51111	This issue was observed when pasting text containing multiple paragraphs into an existing paragraph. In a scenario where the paste position preceded of one or more fields, these fields would be lost **Resolution:** The Designer and Interactive editors have been updated to split pasted text containing multiple paragraphs into multiple Design / Interactive paragraphs which retain subsequent fields.
CES-46644	This issue occurs when importing overlays whilst running Designer on a German operating system. The decimal portion of the image's width and height values are lost. **Resolution:** The code has been updated to ensure that the overlay image width and height values include the decimal portion.
CES-41062	Saving a publication containing a previously edited public document forces public document section column settings to revert to default instead of the specified column settings **Resolution:** This issue was caused by a mismatch in the public document file in the Designer file store not being upgraded correctly prior to this update. **Note**: The relevant public document must be opened for edit and re-saved in order for the update to take effect
CES-47369	Logic map bookmark objects within bundles inside tables do not appear in PDF output in 6.x versions of Generate. **Resolution:** The problem was caused by the bookmarks within bundles appearing at points in the logic where bookmarks are not normally allowed. In this case,

Key	Summary
	within table detail logic. Changes to the table engine within Generate, between the 5.6 and 6.1 releases, have meant that these unexpected bookmark entries are now ignored. This type of condition would normally be indicated by a **Logic map integrity error** but in this case this error was not being reported. A change has been made to report such problems with a 'Logic map integrity' warning in the editor message window. **Note:** It is no longer possible to move bundles into areas of logic that do not permit any of the bundle child items to be inserted, unless you mark the bundle as hidden from the editor and publishing. **Workaround:** In this case the problem can be solved by moving the Bookmarks out of the table detail logic and placed just before the table. This results in correct PDF output.
CES-23359	The bugs had been caused by previous attempts to deal with the placement of punctuation characters within bidirectional text. This had been done in order to try to address the fundamental issue of not being able to select parts of a data field to set the language, and thus influence the text direction based on the language. **Resolution:** The complex script layout module has been reworked to adhere to the rules documented in the Designer Users Guide under the heading "Bidirectional text stentry". **Note:** To be consistent with other word processors, e.g. MS Word, there is a slight difference from 5.6 behavior. Designer 5.6 displays the minus sign entered after the number 36 to the right of the number even though the paragraph direction is right-to-left. The minus sign is now displayed to the left of the number intentionally to match the documented rules. (It is important that the customer is aware of this and that they are happy with it - if not then we are open to discuss further changes that may be required.)Designer/Generate 6.X - The bugs had been caused by previous attempts to deal with the placement of punctuation characters within bidirectional text. This had been done in order to try to address the fundamental issue of not being able to select parts of a data field to set the language, and thus influence the text direction based on the language.
CES-47952	The ALT+numeric keypad method of entering Unicode characters into the Designer editor does not always work. For example: press and hold the ALT key, enter 130 using the numeric keypad and release the ALT key. The **é** character should appear in the editor. In ceratin circumstances nothing appears in the editor. **Resolution:** The Designer editor has been updated so that the ALT+numeric keypad method is now a reliable way to enter Unicode characters into the editor. In this case, the character must be selected after stentry and its language changed

Key	Summary
	appropriately (for example, to the Unicode Language). Alternatively, the keyboard should be switched to the appropriate language before stentry. **Note:** A ? character appears where the character does not exist in the current input language.
CES-29581	Carriage Control/Line Feed character usage in the QR Codes issue. **Resolution:** The delineation of your data configured in the data format may not accommodate the input of Carriage Return and Line Feed characters. In this scenario, if you wish to use these characters within a QR Code value, the Paragraph Separator (U+2029) and Line Separator (U+2028) characters can be used. These characters will be replaced with Carriage Return and Line Feed characters in the output. If you wish to input these characters within the Barcode dialog in Designer, it is possible to paste a Line Separator character into a value field, however you cannot do this for the Paragraph Separator. If a Paragraph Separator is required then use a lookup table created with a text editor that supports stentry of the character. Windows Notepad is not such an editor. The lookup table must be saved in Unicode encoding (for example, UTF-8), and this must be specified when publishing. **Note:** This fix supports the use of Paragraph and Line separators in QR Codes as discussed above.
CES-47653	Snapshots originating from another repository and containing font resource mappings fails to import and show an error indicating a conflict with the **FK2_StreamMapstentry_MapToItem** foreign key constraint. **Resolution:** The Import Snapshot process has been updated to resolve fonts referenced in the resource map allowing snapshots with this problem to be imported successfully.
CES-49411	Designer behaves inconsistently in page setup when using **Find and Replace..**. and switching to the **Object** page. **Resolution:** This issue occurs where a Page Setup logic map item is not selected before initiating a **Find and Replace....** Designer has been updated to allow selection of **Find and Replace** dialog Object page where no Logic map icon has been selected. **Workaround:** Ensure an object in the logic map such as a paragraph is selected before invoking the **Find and Replace....** dialog.
CES-46540	Windows Symbol Fonts such as Wingdings have certain characters missing from AFPDS Output

Key	Summary
	Resolution: Designer Publish has been updated to include the reported missing Symbol font characters in the Published AFPDS Code page
	Note: This fix requires the Publication to be Republished to AFPDS device after the relevant Publish Cache(s) have been cleared
CES-49876	Unable to Publish hip file after upgrading from 5x to 6.6.4
	Resolution: Designer publish of the publication logic (GBH) has been reworked to cater for a very large number of documents within case Tests, i.e. more than 200 in a customer publication.
CES-39096	Designer running out of memory when in-context editing active content from a publication with multiple documents using sample data containing over 1800 data sets.
	Resolution: To enable in-context editing, Designer caches data pertaining to editable items at time of execution. It was caching the entire data tree (all 1800+ data sets) for each document. This has been fixed to only cache the currently active data set, reducing the memory usage of this particular application by nearly 1 GB.
	Note: In-context editing is affected by this change, but the behavior should not have changed from the previous version. Prior to this fix, switching the data set in the publication view does not affect which data set is used when opening a document for in-context editing, i.e. whichever data set was active when the document was first executed is the data set used for in-context editing.
CES-47694	Attempting to load Publications containing a very large number of documents fails
	Resolution: Designer is a 32-bit process and hence only has 2 GB of memory available to it by default (though you may receive out-of-memory errors at as little as 1.3 GB due to .NET framework overheads).
	Designer runs out of memory when loading publications containing 200 documents or more, so trying to load 3 publications each containing 82 documents hits this known limit.
	Designer has been updated to take advantage of the "large address aware" memory model offered by Windows on 64-bit operating systems.
	Designer can now address up to 4 GB of memory on 64-bit systems (though in reality this is closer to 3.5 GB due to the aforementioned overheads).
	Note: This change has no effect on 32-bit operating systems.
CES-48513	Saving of Active Content used in keymap(s) is slow, particularly when opened in context. Save performance is also slow where there are multiple open items (Documents, Publications, Active Content) that use keymaps.

Key	Summary
	Resolution: Designer has been updated so that saving on Keyed Active Content caches the keymap(s) as needed and does not repeatedly load the same keymaps.
CES-49545	Publish using Host FTP Transfer fails to deploy HIP on some Windows machines.
	Resolution: Prior to this fix Designer used a DNS Lookup to resolve the host name to an IP Address Designer host. The FTP transfer has been updated to directly resolve the IP Address as a DNS lookup may not work on all Windows environments.
	Workaround: In affected Designer environments prior to the fix, manually FTP the files from a local Windows publish to the required host.
CES-50199	Preview and Publish of an application using latest Japanese True Type font aborts reporting application exception in doc1rpk process.
	Resolution: Designer Publish has been updated to cater for publication containing latest Windows default Japanese True Type (.TTF) font MS-PGothic
CES-50251	Unable to generate preview PDF or generate postscript HIP file when using Latest Open Type .OTF Japanese font
	Resolution: Latest Open Type Japanese fonts have internal font tables not previously recognized by the HIP generation process and caused publish to abort in versions prior to this fix
	Designer publish has been updated to cater for the later Open Type Font (.otf) Format. N.B - PDF Generate Output has changed
	A Subsequent issue with using Open Type (.OTF) and True Type (.TTF) Japanese fonts together was identified such that the Open Type PDF output was invalid due to incorrect True Type encoding being used by Generate PDF Output.
	Generate PDF Output has now been updated to Embed the correct character map - CMap - (taken from the individual font) rather than relying on the in-built *Identity-H* encoding scheme which previously applied to all fonts in a PDF file if any of the following design languages were used:
	• Arabic • Hebrew • Korean (Hangul) • Chinese (Big5) • Chinese (GB2312) • Japanese (SHIFTJIS) • Designer "Unicode Language"
	This change to embed individual font encodings such as CMaps may result in a small increase in the size of the outputs which use the above languages

Key	Summary
	The in-built Microsoft PDF Readers on Windows 8.1 and Windows 10 Edge are not compatible with embedded PDF CMaps and will no longer render the above languages.
CES-50393	Publish for EngageOne fails when a publication uses copied active content or public document objects containing interactive variables. Note that this issue only occurs for cross-bstrowser publications.
	Resolution: Designer Publish for EngageOne has been updated to run successfully in this scenario.
CES-47541	Designer save time significantly slower with applications using keyed active content.
	Resolution: Designer no longer performs unnecessary updates after the save action is performed on publications and documents.
	Note that phase 2 of saving active content updating other open documents will be addressed in a future release.
CES-46807	Generate AFP output with Designer AFP Device Image Rotation option turned off will not print for "Color" Image Output.
	Resolution: Designer Publish has been updated to correct AFP FS45 (Color image) content.
	Generate has been changed to correctly wrap the color images for AFP in a PSG (Page Segment) format and to remove the document resource environment group, when AFP Image Rotation is turned off for Color Image output.
	<u>**Important Note:**</u> You will need to republish the Designer application or republish the resources after clearing the publish cache(s). This is because the AFP color image needs to be regenerated and the matching Generate must be executed on the resulting republished Designer resource.
CES-47273	The sample *DOC1Publish.XML* does not validate against the supplied *DOC1Publish.XSD* file.
	Resolution: The XML is incorrect and has now been modified to match the XSD.
CES-43654	The forward slash character was swapped out for a hyphen characters in Designer and preview.
	Resolution: A group of special characters are deemed as 'special' by the built-in hyphenation software ("-" hyphen ,"/" forwards slash,"'" apostrophe, "·" Catalan dot) which may be substituted for the given hyphenation character when processing a string that splits around that point.
	However iI have enabled the *hyphpara* keyword in RTF so that customer can choose to not hyphenate an RTF paragraph.

Key	Summary
CES-43360	Issues have been caused by previous attempts to deal with the placement of punctuation characters within bidirectional text. These fixes were applied to try and resolve the fundamental issue to select parts of a data field to set the language, thereby influencing the text direction based on the language. The complex script layout module has been reworked to adhere to the rules documented in the **Bidirectional text stentry** section in the **Creating Paragraphs** chapter of the Designer User Guide.
CES-46787	Performance Issues when loading Documents containing Keyed Active Content **Resolution:** Prior to this fix, the loading of documents containing Keyed Active Content resulted in repeated access to the database. Designer has been updated such that: • Internal database results are cached when opening a document to reduce the number of internal accesses required • Internal data queries have been reduced to the minimum required during a publication load of Keyed Active Content.
CES-46777	Journal objects placed anywhere within page setup logic does not appear in the publish wizard. **Resolution:** Designer has been updated to ensure that journals contained only within page setup are added to the database and subsequently appear in the publish wizard. **Note:** Upgraded publications must be reloaded and re-saved to action the change. **Workaround:** In versions prior to this fix, adding a journal object with the same name at the publication or document level will resolve the issue.
CES-46649	Publish to Engage One on specific publications aborts with: **The given key was not present in the dictionary.** **Resolution:** Designer Publish to Engage One has been corrected to cater for Data Map containing unmapped Data Fields and publications now publish correctly. **Note:** For publications where all documents are unevaluated - for example in **FALSE** value case tests. • **Publish to EngageOne** cannot generate a **template.pdf** publish preview • A **DOC1/DIME Unable to open** error is reported on the resulting empty Publish Preview PDF. • The Generation of the template ZIP is unaffected.

Key	Summary
CES-46016	User defined resource map font entries not being created when branching a project. **Resolution:** User defined resource map font entries are now copied to the branched project.
CES-25254	Non publishable Active Content containing prompt group data fields were incorrectly converted to a publishable Active Content. **Resolution:** Designer does not support any object containing data fields in publishable Active Content. This includes data fields used in a prompt group. Prior to this fix, non publishable Active Content containing prompt group data fields were incorrectly converted to a publishable Active Content. This behavior has now been corrected so that prompt group interactive data fields cannot be converted to a publishable Active Content. **Note:** Prompt groups are valid only within a document and cannot be added to a publication.
CES-46091	The **Format** dialog's **Currency symbol** is missing the Pound and Euro sign, these symbols are replaced by question marks instead. **Resolution:** The Designer **Format** dialog has been corrected such that the **Currency symbol** stentry field/drop-down list now correctly displays the Pound and Euro signs. **Workaround:** The **Currency symbol** on the Format dialog is an stentry field as well as a drop down. You can type in (or copy/paste) the appropriate currency character required and then adjust the **Positive** and **Negative** formatting settings as required for the character. Click **Update** on **Format** dialog, then **Update** on **Field** reference dialog, this will present the currency value displayed correctly.
CES-46048	The **Currency symbol** option is missing the Pound and Euro sign when formatting currency using the **Format** dialog **Resolution:** Designer **Format** dialog has been corrected such that the **Currency symbol** option now correctly displays the Pound and Euro signs. **Workaround:** The **Currency symbol** option can be used as an stentry field as well as a drop down. You can type (or Copy / Paste) the required currency character and adjust the **Positive** and **Negative** formatting settings as required. Select the **Update** option on **Format** dialog, then **Update** on **Field** dialog. The currency value is presented as expected.

Key	Summary
CES-45139	When formatting number values in the Designer editor, the **Zero as** format option is not honored when this override field is blank (empty).
	Resolution: Updates to Designer and Generate now ensure that the **Zero as Number** format blank value is used.
	Note: As this issue required a Generate change, the matching Generate version must be used to obtain correct results for the republished HIP.
CES-43654	The forward slash character was being swapped out for a hyphen character in Designer and Generate when **Hyphenation** is enabled.
	Resolution: Designer and Generate have a small group of special characters that are deemed special by the hyphenation software;
	"-" hyphen
	"/" forwards slash
	"'" apostrophe,
	"·" Catalan dot
	These characters may be substituted for the given hyphenation character when processing a string that splits around that point. The behavior, by default, results in the "/" being replaced by the "-" character if Designer hyphenation is enabled.
	Designer and Generate have been updated to support the addition of the explicit **hyphpara** keyword in RTF so that you can choose to not to hyphenate an RTF paragraph by adding this keyword and therefore obtain correct character output.
CES-46604	The Interactive Data Editor behaves inconsistently when working with data models containing multiple nested repeating group parent and save values.
	Resolution: Updates to the Interactive Data Editor ensure this issue no longer occurs.
CES-44170	Interactive Data Editor - Setting values for Nested Repeating Group Record Fields does not work for some Parent nodes.
	Resolution: Updates to the Interactive Data Editor now ensure that the parent node is set correctly before adding data to Repeating Group Record Fields.
CES-43771	The German Designer User's Guide has incorrect word order for SMS and Linedata in Digital Delivery supported devices section.
	Resolution: The German Designer User's Guide PDF and online help has been updated to resolve this issue.
CES-43763	The German Designer User's Guide contains duplicate text in the External Document section.

Key	Summary
	Resolution: The German Designer User's Guide PDF and online help has been updated to resolve this issue.
CES-44572	Publish for EngageOne aborts with:
	The given key was not present in the dictionarywhen an unmapped data alias is present in the Data Map.
	Resolution: The Designer **Publish to EngageOne** process has been corrected to allow unmapped data fields in the associated Data Map.
CES-40556	Conversion from a String to Currency incorrectly used the Number locale format settings.
	Resolution: Designer Publish has been updated so that Conversion from a String to Currency now uses the Currency Locale Format only
	If you previously used the **Number** format locale setting for **Currency** output, you must now use the **Currency** format locale setting when republishing.
CES-43216	When converting bitmap images to AFP FS45 the conversion process sometimes fails.
	Resolution: For smaller bitmaps, the compression algorithm sometimes requires more space than was being allocated. Code changes made to deal with the scenario.
CES-41228	Incorrect browser icon shown on **Preview for eHTML** result. This issue was observed on the Windows 10 operating system.
	Resolution: Designer has been updated to support Windows 10. This includes the addition of support for Windows Edge for use when opening Designer **Preview for eHTML** results.
	Designer now displays correct **Preview for eHTML** browser icon on Windows 10.
CES-41383	The logic map find fails to return any results when there is a large number of items in the logic map. Note that this issue was found during Designer testing on Windows 2016 / Windows 10.
	Resolution: The Designer logic map find feature has been updated to cater for this scenario.
CES-44632	Designer Preview / Publish for EngageOne Template Preview on Publication containing many EPS Images terminates
	Resolution: Prior to this fix, EPS images were automatically converted to Bitmap (BMP) image format when publishing to PDF, including standard Designer preview and Publish to EngageOne template preview.

Key	Summary
	This caused all PDF previews and **Publish to Generate** to terminate when using a large number of EPS images. The preview and publish processes failed because of the large BMP Filesizes involved for each EPS to BMP conversion.
	The Designer publish process now converts EPS images to the much smaller JPG format when enabling the **Preserve Color Space** option from the PDF Image section. It is important to note that JPG format retains the EPS colour format instead of the much larger BMP Image format, which is RGB only.
	Deselect the **Preserve Color Space** option if you wish to use RGB BMP format for converted EPS images when running Generate.
	Workaround: In versions prior to this improvement, users requiring the smaller JPG format can enable the **Optimize output file size** option available from the PDF Image section. This option converts all design images to JPG format when published to PDF
CES-42295	The Native Chart Wizard displays accented characters incorrectly during chart definition. This issue applies to French (Standard and Canada versions), German, Spanish.
	Resolution: The Chart Wizard has been updated to display accented characters correctly for all supported languages.
CES-43057	Publish to EngageOne fails on publication when a Prompt Group is defined with an empty label.
	Resolution: Designer Publish to EngageOne has been corrected to allow Publish to complete where Prompt Group's have an empty Label
CES-43087	Opening documents containing Keyed Active Contents with unresolved keyed images was excessively slow.
	Resolution: Causes for this issue are:
	• The Designer editor was always attempting to find an unresolved Keyed Images. • Keyed Active Content was loading the same data multiple times internally.
	Performance improvements to the loading of Keyed Active Content and Keyed Images resolves this issue.
CES-42384	The EngageOne Keymap Generator behaves inconsistently when creating Image Metrics for an AFP Black/White (Page Segment) Images.
	Resolution: Prior to this fix, inconsistent behavior was observed in DOC1Make (Keyed Image Metrics generator) when processing an AFP Page Segment (PSG) image. This occurred in AFP images data split across multiple AFP Image Raster Segments. Updates to AFP Image handling have corrected this issue.

Key	Summary
	Note - the same behavior also occurred prior to this fix in DOC1ImgConv (Image Converter) when converting the same AFP page segment Image to another Image format.
CES-42222	Inconsistent behavior can occur when opening a publication containing font styles used on a large number of pages and within the Page Setup.
	Resolution: Prior to this fix, Designer font style handling where styles used in both the Page Setup and in the document across a large number of pages caused Designer to behave unpredictably. Improvements in font style handling now caters for this scenario.
	Note: This reworking of font styles also results in a significant performance improvement when opening a publication containing many font styles.
CES-41351	This issue occurs in a distributed Designer upgrade of an existing repository. The Designer SQL Server reports a database login error when the distributed upgrade SQL *Default* user does not match the domain policy.
	Resolution: Prior to this fix:
	The Designer Repository Configuration Tool running on the SQL Server machine required for distributed database install or upgrade, updated the existing SQL *DOC1Login* SQL Server login account
	(SID 0xA3A654FCB29BD64D87D11A15C8627E7B), with the default credentials. An upgrade failure occurred when the default credentials applied by the upgrade to the internal Designer *DOC1Login* user did not match the user's domain password policy.
	The Designer Repository Configuration Tool has been updated so that It will still create the account (with the correct SID) if the account does not exist, as is the case in the Designer distributed install.
CES-41369	When custom Headers and Footers defined in the publication's Page Setup, the *New Page* action attribute *Hide on this page* is ignored when previewed in the EngageOne Interactive editor.
	Resolution: Updates to the Designer and Interactive editors now ensure that custom headers and footers use the New Page Action settings so that the editor preview match output from Generate.
CES-41351	When running a distributed Designer upgrade of an existing repository, the Designer SQL Server reports a database login error when the upgrade SQL *Default* user does not match the domain policy
	Resolution: Prior to this fix, the Designer Repository Configuration Tool running on the SQL Server machine used for a distributed database install or upgrade, updated the existing *DOC1Login* SQL Server login account (i.e. the account with

Key	Summary
	SID 0xA3A654FCB29BD64D87D11A15C8627E7B) with the default credentials. This previously caused an upgrade failure to be reported if the default credentials applied by the upgrade to the internal Designer **DOC1Login** user did not match the users domain password policy.
	The Designer Repository Configuration Tool has been updated so that it will still create the account, with the correct SID, if the account does not exist - as is the case with the distributed Install.
CES-41231	Importing a snapshot containing many interactive data formats loses the **Interactive Data** attribute from some imported data formats.
	Resolution: A previous customer specific fix for snapshot import containing interactive data did not cater for all interactive data formats.
	The snapshot import has been reworked to honour multiple interactive data formats.
CES-41230	Design page header and footer paragraph output is unpredictable in eHTML output.
	Resolution: Page header and footer content is not supported in Generate eHTML output. Designer/Generate **Fixed** and **Fluid** eHTML device layout options have been updated to remove header and footer content and inter-page margins. Note that all Designer 5.x and 6.x Legacy eHTML publications will need to migrate to Designer 6.4 onwards in order to republish eHTML to either **Fixed** or **Fluid** layout to take advantage of this Generate fix.
	Workaround: In versions prior to this fix or for customers using Legacy eHTML, disable design page headers and footers.
CES-39025	Designer Single Sign On (SSO) - failed when the first client to access the service did not have the correct read permissions on the Designer server. In this scenario, all subsequent valid connections from whatever source would also fail.
	Resolution: This issue was due to a combination of Windows impersonation and the one-time initialization code executed by the Designer Application Service (*BusObjService*) when it received its first request from the Designer client. This initialization involves reading files from the *Program Files* directory.
	When Windows impersonation is used for SSO, this initialization process was run under the client's user account.
	the one-time initialization code would fail if:
	• after a restart, the first client to send a request to *BusObjService* was from a user account which did not have permission to read files on the server
	Note that once the one-time initialization code fails, it will continue to fail until the process is restarted.

Key	Summary
	This fix determines the required impersonation identity on each request, and then switch back to the user account under which the process was started. The request is then executed.
	Note: This fix also means that *Windows Authentication* can now be used to connect to SQL when using SSO. Previously *SQL authentication* had to be used.
CES-41226	The Designer database upgrade failed where the database contained many redundant strows.
	Resolution: In previous versions, the database upgrade step 68009: ***Verbose logging for removing redundant strows*** caused the SQL transaction log to run out of space and hence cause the upgrade to fail. Step 68009 of the upgrade script has been updated to remove redundant strows with minimal transaction logging. Redundant indexes created in upgrade script have been removed to reduce the SQL transaction log.
	The Indexing database... step in the Repository Configuration Tool upgrade process has been updated so that it is minimally logged.
	Note that if the upgrade still fails, then the ***Maximum server memory*** setting in SQL Server may need to be increased.
CES-41027	Opening an imported snapshot objects fails when the snapshot contains a large number of objects.
	Resolution: Prior to this fix, all Designer 6.x snapshot imports left the snapshot filestore extraction process to run until after the snapshot dialog closed. For snapshots containing a large number of objects, this resulted in objects not being available to the user when opened after import.
	The Designer snapshot import now waits until all the snapshot filestore files have been extracted into the database filestore before closing the Import dialog and making the imported objects available.
	Workaround: In versions prior to this fix, you will need to wait until the snapshot filestore extraction into the database filestore is visibly complete.
CES-41024	Empty paragraphs were wrongly presented by default in the logic map when formatting marks (Pilcro) presentation was disabled.
	Resolution: A previous Designer 6.6 fix incorrectly made empty paragraphs visible, by default.
	Designer has been corrected to hide empty paragraphs except when the ***Show Formatting Marks*** (Pilcro) has been enabled as per previous releases.
CES-41022	Unable to reopen the **+** expansion icon in the logic map when switching back to the document editor from the publication editor.

Key	Summary
	Resolution: Prior to this fix, the **+** expansion icon in the logic map was inoperative for section, paragraphs, etc. when switching away to the publication editor and then back to the document editor. The design editor has been updated to cater for this.
	Workaround: In versions prior to this fix, select the Close **-** and Reopen **+** icons on the parent document icon to re-enable the individual document logic map **+** expansion icons.
CES-40120	Typing text into a new document, textbox, header, footer, etc. corrupts the logic map display.
	Resolution: Typing into a previously empty paragraph in any text area caused a previously hidden paragraph stentry in the logic map to be shown, resulting in a corrupted display. This behavior was apparent when the ***Show Formatting Marks*** view option was disabled (the default editor setting). The design editor and logic map has been updated to cater for this empty paragraph behavior.
	Workaround: In versions prior to this fix, enable ***Show Formatting Marks*** from the Designer ***View*** menu to avoid an incorrect logic map display.
CES-40993	DOC1PUBLISH (Command Line Publish) - path and filename of published HIP/ZIP missing from publish completion message.
	Resolution: Designer 6.6 publish changes meant that the DOC1Publish reporting of the deployed Generate HIP or EngageOne ZIP discarded the output path and filename from the publish completion message. This was observed when the ***/Output*** or ***/OutputFileName*** parameters were explicitly specified. The ***HIP/ZIP has been overwritten*** DOC1Publish message also stopped being reported. DOC1Publish has been updated to reinstate the missing information.
	Note The actual deployed location and filename of the HIP/ZIP was unaffected, only the reporting of these was incorrect in previous 6.6 Versions.
CES-40974	Designer behaves inconsistently under certain circumstances when running under Windows 2012 and Windows 8.1. This was observed when opening or creating Interactive Data Format.
	Resolution: The Interaction between the main Designer window and the Interactive Data Editor has been reworked so that only Designer sets the Windows display theme. Designer no longer exhibits this behavior on opening or creating interactive data.
CES-40552	Selecting the ***Sorting*** page on the ***Repeating Data*** dialog incorrectly invoked ***Sorting*** help.
	Resolution: Designer has been updated to correct the help from being invoked on selection of the Repeating Data, ***Sorting*** page or when a sorting field is selected.

Key	Summary
	Note that the help for sorting repeating data is now invoked only when the Help button is explicitly selected.
CES-40314	Inconsistent behavior was observed when using the *Find* feature in a publication containing a *Set Style* control object within a hidden bundle. **Resolution:** Designer has been updated so that hidden Set Style objects do not disrupt the Find feature. **Workaround:** Remove the hidden bundle or the style list.
CES-39577	The selected language is not applied to the Designer style where a Designer editor font style is defined and the language is selected after other font attributes. **Resolution:** Designer has been fixed to update the font style when the language selection changes.
CES-25257	Incorrect resolution on imported JPG images where *EXIF* x and yis not set. The imported image is then too big on Design Editor. **Resolution:** Designer JPG image handling has been updated to deal with JPG EXIF resolutions that have not been set. **Workaround:** Ensure the JPG EXIF x and y resolution is set when saving the image to be imported.
CES-39896	Empty Folders appear after Project Branch or Merge. **Resolution:** • Database stored procedures have been updated so that empty folders do not reappear after a Branch or Merge operation when folders of the same name exist in other Projects. • To allows the deletion of folders that contain only hidden EngageOne production jobs. Note that these are visible only in the Project merge differences report.
CES-39727	Publishing imported snapshot publication to PostScript prints incorrect bold font instead of the required regular font. **Resolution:** Designer does not distinguish between fonts of the same name but of different type. In this case both Type1 and True Type versions of a font were used. This resulted in incorrect font entries in the database and subsequently in the published generated output. The Designer snapshot import and database upgrade have been updated to detect and correct duplicate Type1 and True Type font entries.
CES-40558	Inconsistent behavior is observed with Vault resource extraction (RMFUTIL) when extracting AFP bitmap font resources from HIP and HIM files.

Key	Summary
	Resolution: This occurs when RMFUTIL extracts a small number of AFP font/image resources from a Designer HIP and then starts to extract a larger number of AFP font/image resources for the same AFP datastream via a Content Author HIM. RMFUTIL has been reworked to cater for this scenario.
CES-40311	Overprinted and wrongly spaced output is generated where:
	PDF user defined resource map font entries are set to output datastream names containing spaces.
	Resolution: PDF/PostScript output font names cannot contain spaces, this was incorrectly allowed in versions prior to this fix.
	The Designer resource map font dialog for PDF/PostScript/PostScript variants has been updated to reject output datastream font names containing spaces.
	Workaround: Versions prior to this fix require that the incorrect PDF/PostScript resource map font names are corrected to remove spaces. A republish is required once the relevant publish cache(s) have been cleared.
CES-39498	Japanese font error occurs when generating PDF containing Open Type fonts (*.OTF) using ANSI language where the font is not embedded.
	Resolution: All Open Type fonts were being treated as multibyte CID fonts even for single byte non CID fonts. The code has been changed to account for single byte open type non CID variants.
	Note - This fix requires both a Designer republish and a matching Generate execution to produce correct non-embedded ANSI PDF.
CES-39094	Screen blink occurs in the editor due to continuous re-evaluation occurs where:
	• the default header or footer of a publication has a user defined height and an Active Content object within the header is selected.
	Resolution: Designer has been fixed to prevent continuous re-evaluation when selecting objects within a Header / Footer with a non *Auto* height definition.
CES-37642	When using the *Document Interchange Journal* option with a HTML (Client / Server) device, the mandatory external DTD file is not enforced, causing DOC1GEN to abort.
	Resolution: The Designer HTML output device has been updated to ensure that if the *Document Interchange XML* option is selected then *External DTD* options are enforced.
	Workaround: For Designer versions prior to this change, you will need to manually select the *External DTD* section and enter DTD filename when the *Document Interchange XML* check box is selected.

Key	Summary
CES-36013	When invoking *Publish for EngageOne*, the preview template.pdf is not generated and the publish process reports a DOC1DIME error. This occurs under the following circumstances: • When the publication has no documents which have been selected for a PDF device. -or- • If all the publication's documents have been excluded from publishing when a condition or document *Show When* has been set to *False.* **Resolution:** Designer now ignores the document device selection to produce the requested Preview Output (PDF or eHTML Preview) in: • For the standard Designer preview (PDF) • Preview for eHTML • Advanced Preview • Publish to EngageOne Preview • For conditional document selection where no document is evaluated, all previews are expected to fail.
CES-32246	The Design editor's default font is incorrectly set to Arial Italic rather than the expected Arial Regular font. **Resolution:**This fix sets the default editor font to Arial Regular, for new Designer client installs. Existing incorrect Designer clients must manually reset default Font. **Workaround:** Open Designer and select the required publication, from *Tools\Options\Edit* tab click *Select* to change the default font to desired font/style.
CES-29193	Sorting XML elements within a transaction table does not work unless XML elements are defined as *Treat child elements as fields*. **Resolution:** The Designer User's Guide has been updated to cover this issue as follows: • A new *XML Sorting* section has been added into the main table section. • In the *Working with XML* topic a new *Sorting child elements* section has been added.
CES-26145	In the German version of the software, *Variabel* is used instead of *Variable*, and an inconsistent bundle term *Paket* used instead of *Objektverlagerung* bundle tooltip. **Resolution:** *Variable* has been corrected and *the Objektverlagerung* bundle term has been standardised.

Key	Summary
CES-26115	Using the ampersand **&** character as part of a concatenated variable value does not show in the variable value tooltip.
	Resolution: The variable value Tooltip now shows the ampersand character when the associated variable value has been set by a concatenate object.
CES-25244	Designer fails to publish images which published OK in 60M6
	Resolution: The error reporting mechanism in Designer publishing has been extended to identify the location of the invalid image logic map items causing the unexpected image error. This makes it easier for you to locate and correct the invalid image reference in the publication.
	As from Designer version 6.4, invalid image references fail during publishing. Previous versions of the software did not check for these invalid image references, and publishing would succeed despite the image issues. Generate would subsequently fail due to the invalid image references supplied by the HIP. To workaround this issue the offending image references would have to be removed from the publication to produce a valid HIP file for successful composition by Generate.
	Note: This fix also corrects Designer publish error reporting for Active Content which were previously incorrectly reported as *Nop.*
CES-25240	Multi lingual paragraphs are not shown in the Active Content editor logic map. The Active Content is not shown when it is placed in a document where an individual multi lingual language paragraph is empty
	Resolution: Prior to this fix, Designer did not check each multi-lingual paragraph for content. This issue has been resolved such that the paragraph will now be displayed in the Active Content logic map if any individual language has content even if the language being displayed in the editor has no text.
CES-27529	Inconsistent presentation of document thumbnail images in the publication editor.
	Resolution: Prior to this fix, Designer stopped loading all document thumbnail images if it encountered any invalid thumbnail. This issue has been resolved so that all valid thumbnail images in the publication editor are presented, any invalid thumbnail images are skipped.
	Note: To regenerate valid thumbnail images, you will need to open and re-save the first document.
CES-38727	An inappropriate error dialog was presented reporting that multiple data format associations were detected when opening or publishing a publication after an upgrade to Designer 6.5

Key	Summary
	Resolution: The error dialog is no longer presented. When this condition occurs, the following warning is written to the event log when a publication's document or Active Content data map differs from the Publication Data Map: *Multiple data formats are linked to this publication. Check that all referenced documents and active content are using the same data map as the publication.*
CES-35359	Using the **Unicode Language** option in the Font Styles does not work with resulting Generate. Output characters are generated incorrectly in ANSI. **Resolution:** Problem was twofold:- • The Unicode setting was being ignored and the font character set not applied. • Setting the **Language** on the Font Style dialog would not work - The font had to be set after the language for the font charset to be set. **The fix to allow all new font style settings to work was as follows:** - To change the code so the Unicode value was recognized and applied - To change the Style dialog so that just changing the language will now set the style. In existing documents/active content where the Font Style/**Unicode Language** has previously been set and not worked, the Font Style Language MUST be reset, refer to the steps that follow: 1. Open Active Content **\Style List\CH Style List** 2. Open **Style List** (**CH Style List**) 3. Select Style **LetterBodyText-Regular** and **Edit**. 4. In **Set Style** select the **Font** tab. 5. Change the language from Unicode to any other language and click **Update**. 6. Edit **Style** again and go back to the **Font** tab. 7. Set language to Unicode and press **Update**. 8. On the **Style List** press **Update**. 9. **Save** the Active Content The fonts character set will now be set to specified Unicode and correct Characters will be visible in design editor and Generate Outputs.
CES-31916	Selecting transaction table cell contents on repeating data XML with shared elements in the schema made Designer unresponsive. **Resolution:** This issue was caused by inefficient handling of shared elements in the schema. This has been improved so that the table wizard now displays the cell contents.

Key	Summary
CES-25251	The **Show Dependency** optionon Active Content shows incorrect "ghost" references to other Active Content objects stored in the repository but are not present in the file. **Resolution:** Designer now performs a clean up process for Active Content references when saved in Designer. This process removes "ghost" active contents references which are stored in the repository but are not present in the file.
CES-34932	Active Content containing a keyed image keymap was locked with Read/Write access. After the Active Content was initially saved, any other Active Content using the same keyed image keymap could not be saved because of the type of lock that was initially applied. **Resolution:** Read access only was required for saving, the unnecessary lock has been removed.
CES-33138	Unusual performance degradation was observed during publishing in an environment with a large Designer repository and many users. This issue was observed after extended and intense Designer activity. **Resolution:** A specific performance bottleneck was identified in the publish process and as a result certain internal SQL tables has been refactored to improve performance.
CES-32397	The option to **Create publish archive** is enabled in the Publish Wizard when the **Label type** is set to **User** or **System.** In this scenario, the system does not check the user's security to ensure that the create Projects role has been conferred on the user. The option should be disabled for non-administrative users. **Resolution:** Before enabling the **Create publish archive** Publish Wizard option, Designer now checks that the user has the relevant Project Administration rights. Where the user does not have these rights, the option is disabled.
CES-25258	Navigating Datasets in the plug-in chart feature loses number formatting when using variable arrays. **Resolution:** Versions prior to this fix had data values temporarily set to use the default format when converting strings. These were not being restored when reaching the end of the variable array.
CES-25246	When publishing for EngageOne, a production job is created and cached. If the publication's data map is then changed to use a different interactive data format, the cached production job is out of date and the subsequent publish resulted in a "Data Format Change" warning. **Resolution:** This feature has been changed so that the cached production job is automatically updated with the publication's data map during publishing. This warning is no longer displayed.

Changes in previous 6.6 releases

This section summarizes the changes that have been made in pevious 6.6 releases of EngageOne Designer

6.6 Service Pack 10

Ghostscript 9.27

This release adds support for Ghostscript 9.27, ensure that you install the 32 Bit version for use with Designer.

Bypass Output Channel Processing renamed to Express Batch

In this release, the Bypass Output Channel Processing option has been renamed to Express Batch.

In line with this change, the following should be noted when using command line publish:

- the switch for this processing mode has been changed from `/BypassOutputChannel` to `/Express`
- the `<BypassOutputChannel>YES</BypassOutputChannel>` element is now `<Express>YES</Express>` for command line publish invoked with a configuration file.

Refer to the Designer User's and Utilities guides for detailed information.

Dynamic prompting

The options available to you for interactive prompting have been extended in this release.

You can now:

- populate an interactive data/interactive variable choice list from repeated data using the new modify prompt logic map object.
- repeatedly prompt the user for a specific value and act on it using the new Prompt Loop logic map object
- prompt for multiple options in one check-box prompt using the new Check Box choice option in the Interactive Data Editor

Refer to the Designer User's Guide for detailed information.

Documentation update for Generate override settings

Information has been added to the Production Guide for the following Generate overrides:

- ReportMemoryUsage - reports Generate memory usage
- LookupTableCodePages - code page assignments to lookup tables

- Input file caching options:

  - DataBufferThreshold
  - DataTextBufferFile
  - DataFieldBufferFileReadAheadThreshold

Plug-in charts API

You can now integrate plug-in charts with your chosen third party chart engine. The **API** link on the Plug-in Chart dialog directs you to a public repository in GitHub which provides documentation, source code and an example of how to create your own plug-in chart engine for Designer/Generate.

Refer to the Designer User's Guide for detailed information.

Selectable preview PDF and thumbnail image generation for interactive publications

The EngageOne publishing option, **Include thumbnail and PDF preview** now allows you to disable the creation of a preview PDF and associated thumbnail when publishing interactive publications. In general, deselecting this option will improve the speed of the publishing process. Refer to the Designer Utilities guide for detailed information on the corresponding command line publish option.

6.6 Service Pack 9

Bypass Output Channel Processing - known as Express Batch from 6.6 Service Pack 10

Bypass Output Channel Processing has been implemented in this release and can significantly improve NA batch performance in the EngageOne Server environment. It applies to non-interactive publications allowing resources such as Keymaps, Journals and, Lookup Tables to be assigned in Designer when the ***Bypass Output Channel Processing*** option has been selected when publishing for EngageOne. Alternatively, these settings can be defined/overridden via OPS configurations in the EngageOne Server environment.

Refer to the Publishing for EngageOne section in the Designer User's Guide and the Batch Processing section in the EngageOne Server Administration Guide.

Advanced Search enhancements

A number of enhancements have been made to the advanced search feature, as follows:

- **Additional asset types**

  In this release new asset types, Data Alias (dataalias/alias) and Data Field (datafield/field) have been added.

- **New USING query clause**

The USING clause allows you to identify assets that use another set of assets.

- **Changes to the USEDBY query clause**

  New NOT USEDBY syntax replaces USEDBY NONE

- **Asset type abbreviations**

  Asset types used in search expressions have been abbreviated as follows:

  - pub can be used in place of publication

  - doc can be used in place of document

  - ac can be used in place of activecontent

  - alias can be used in place of dataalias

  - field can be used in place of datafield

Designer 6.6.9 publish compatibility with earlier Generate / Vault versions

Changes to Designer Publish in this release requires the following design resources to be published from 6.6.9 :

- A matching Generate 6.6.9 is required for Designer 6.6.9 published HIPs.
- An updated set of Resource extraction (RMFUTIL) libraries for resources ingested into Vault

Note that the use of earlier RMFUTIL / Generate 6.x versions with Designer 6.6.9 published resources **is not** supported.

Designer concurrent publish update

Designer Publish has been updated in this release to remove the Pause dialog invoked in previous Designer releases when multiple Publish tasks are executed concurrently. Designer Publish now waits **silently** for the first Publish to complete before completing the next Publish task.

EngageOne Communicate integration

In this release publications can be published to the EngageOne Compose Cloud. These can then be included as email attachments by EngageOne Communicate for SMS campaigns. Contact your support team for details on EngageOne Compose Cloud and account registration.

Thai Tone mark restriction removed

Thai language fonts available with modern Windows operating systems (e.g. Windows 8.1 / Windows 10, etc.) such as Leelawadee and variants which have individual single characters for Thai Tone mark characters and require re-positioning are now supported in Designer/Generate.

This release of Designer adds support for:

- Microsoft SQL Server 2017 CU13
- Microsoft Windows Server 2019 Standard (64 Bit)

The following output devices are no longer supported:

- VIPP
- VPS
- PPML
- IJPDS
- MIBF
- Metacode

The following operating systems are no longer supported:

- HP-UX (PA-RISC)
- HP-UXi (Itanium)
- IBM AIX 6.1 (TL5) Runtime Library Level 12.1 (64-bit)
- IBM OS/400

The following SQL server version is no longer supported:

- Microsoft SQL Server 2008 / 2008 R2 in line with Microsoft's support for SQL 2008

6.6 Service Pack 8

Design Image resource export option

Design images, overlays and external documents can now be exported to an external disk location by selecting the image in the Navigator and using the ***Tasks / Export / Image*** option by users with the appropriate privilege.

Generate PDF output compatibility with Microsoft PDF Readers (Identity-H) when Publishing from Designer

This release adds Designer/Generate PDF device compatibility with Microsoft PDF readers for double-byte, Thai, Arabic, Unicode languages for;

- Windows 8.1 PDF Reader App
- Windows 10 Edge PDF Plug in

Enable the Designer PDF Device ***Use Identity-H*** option to switch from CMap encoding which is not supported by Microsoft PDF Readers to Microsoft Reader compatible Identity-H encoding.

C40 encoding scheme for Datamatrix bar codes

This release of EngageOne Designer / Generate extends DataMatrix Barcode support to optionally specify C40 encoding for Standard, FontScaling and Line Drawing barcodes. See Designer Users Guide for further details

Generate Trace and Message Audit Trail - New Date / Time %d option for unique filenames

Generate `<Trace>OutputFile` and `<Output>MessageAuditTrail` settings have been updated to use an optional `%d` parameter to append the Generation Date and Time to the filename in the form YYYY-MM-DD-HH-MM-SS.

Preview for EngageOne Interactive updated user interface

The Designer Preview for EngageOne experience for Designer Interactive Publications has been updated to reflect the shift from EngageOne Compose ActiveX Editor(Internet Explorer only) to use the EngageOne Compose Interactive Editor.

When previewing for EngageOne, publications are now shown in the Interactive Editor. This provides all of the previous functionality but no longer requires Internet Explorer to be installed on the client PC.

Designer Command Line Publish (DOC1Publish) support for Single Sign On

This release of Designer Command Line Publish (DOC1Publish) now supports Single Sign On configurations. Command Line Publish /user and /pass and XML Configuration UserCredentials are now optional.

Other changes in this release

Ghostscript 9.25 (32 bit) support - Designer now supports Ghostscript 9.25 (32 bit) to use EPS images or the external documents feature to import PDF or EPS.

6.6 Service Pack 7

Designer Distributed Installation

This release adds formal support for installing a Designer Distributed installation without the need to install the Designer Distributed Repository Configuration Tool on the Windows Server hosting the SQL Server instance.

This is achieved through the:

- addition of Default Designer Database backup and Filestore on release media for manual SQL Management Studio restore.

- provision of a Manual SQL Script for execution on a New / Upgrade Designer Repository within SQL Management Studio

- Support for Designer "Client / Server" Install to connect to a remote SQL Server instance without the need for a sysadmin-level login to SQL Server

- Ability of Client / Server Repository Configuration Tool once connected to remote SQL Instance to upgrade an installed repository on that instance.

  Note – This new method can be used instead of the existing Designer Distributed component installs available on the Setup.HTA which retain the requirement for Designer Distributed Repository Configuration Tool installation on the Windows Server hosting the SQL Server instance. Please see Designer Installation Guide for full details.

Designer / Generate Barcode improvements for eHTML Output

This release adds support for Designer Barcode "Font Scaling" mode for all Barcode types for eHTML Output

Designer / Generate QR Code improvements

Designer QR Code Barcodes have been reworked in this release to resolve issues in Standard QR Code together with added support for QR Code for Font Scaling. The following output devices can now support QR code in line drawing mode.

AFP, PDF, PCL, Postscript, eHTML and VPS

Designer Publications containing QR Code Barcode must be republished in this release to take advantage of the reworked Standard and Font Scaling modes for QR Code

Significant performance improvement for Design XML Publication Open and Publish

Designer parsing of Interactive / XML Data for Publication Open and Publishing has been refactored to give a significant performance improvement.

Support for Advanced Search Feature on Windows Server 2008 R2

Support has been added in this release for the Advanced Search Feature installation on Windows Server 2008 R2 (x64)

Support for AFP Page Segment LZW encoded images in Designer / External Keyed Image Generator

Support has been added for AFP Page Segment (PSG) images containing LZW compression in this release.

This image support has been added for:

• Designer Image import
• DOC1MAKE External Keyed Image Metrics generator
• DOC1IMGCONV – Image format convertor

Designer / Generate Line Drawing Barcode support for Code 128 , GS1-128, 2 of 5.

Line Drawing support has been added for the following barcode types:

• Code 128
• GS1-128, formely known as UCC/EAN 128
• 2 of 5

The use of Line Drawing mode for these barcodes is recommended as unwanted "White lines" can appear for these Barcodes in Standard / Font Scaling modes.

6.6 Service Pack 6

SQL 2016 Support

This release adds Designer support for Microsoft SQL Server 2016 (SP1 CU6)

Barcode Improvements

The following Designer Barcode improvements are available in this release:

- Line Drawing Barcode Editor / Barcode dialog Preview display
- The display of Line Drawing barcodes have been updated to use Lines (instead of previously used fonts) to ensure Generate Output matches the Line Drawing Barcodes in both the Design Editor and when using the Barcode dialog Preview feature.
- Line Drawing Barcodes extended to Generate PDF / Preview output

  - Line Drawing barcodes are now supported for Generate PDF Output, which allows the Design Preview output feature to be used for Line Drawing barcodes.

- Font Scaling Barcode font updates for PDF417. The fonts used for Design PDF417 Barcodes for Generate PDF, PostScript and AFPDS output have been updated to ensure output fidelity with the Barcode Design.

  Note – The Design Publication will need to be republished from this release and executed with matching Generate to use these updated fonts.

PDF Import improvements

The import of PDF files as External documents has been updated in this release such that Designer is no longer limited to importing PDF 1.3 version documents and will now Import current version PDF file/features.

- When publishing imported PDF documents to PostScript, the import in some cases may produce slightly larger imported EPS and subsequent Generate output compared to previously Imported PDFs. Refer to ***Consideration for PDFs containing transparent graphical effects*** in the Designer User's Guide for information on how to update the PDF Import configuration for selected PDF files.

Data Format Editor improvements

- Keyed / Delimited Data Format

  - Encoding scheme global update

    In previous versions, updating Key, Record, Field encodings was possible only at the individual Data Format object level.

    The encoding scheme can optionally now be updated at a Global level for all Data Format objects via the "Define \ Sample Data Properties" dialog using the "Default Encoding Scheme" options.

- Data Format Import / Export Schema update

  The Import / Export Schema has been updated to add support for Repeating Field groups.

- Interactive Data Format

  - Import / Merge support for Interactive Field OptionsThis release adds support for Merging (Updating) Interactive Data "Field option" values such as "Visible on Xform, Read only, KeyField, etc, when Importing (Merging) an external Interactive Data Definition file set (.xml, .xsd, xform) into an existing Designer Interactive Data.

Designer Filter Wildcard support

This release adds support for Wildcard "*" support in Designer dialog Filter search field. This can be used in Data Dictionary / Map update Wizard and in the Production Job / Publish Wizard dialog for "Add Additional resources"

6.6 Service Pack 5

Performance improvements

- Editor and Publish performance improvements Designer's memory limit on a 64 Bit Windows operating system had been extended from 2GB to a maximum of 4GB allowing multiple large publications to be edited and published. Note: The actual limit for a specific Designer client instance will depend on the complexity and number of publications in use. Typical li mits seen for large publications are between 3 – 3.5 GB.

- Editor Performance Improvement – Opening Active Content and Keyed Active Content in context Performance improvements have been made to the Designer editor when opening Active Content and Keyed Active Content in context as follows:

  - Active Content - the relevant data set in use by the parent document is loaded instead of all datasets.

  - Keyed Active Content in context - has been reworked to improve Editor loading performance.

  Overall, these changes improve In context Active Content loading time and usage.

Publishing improvements

- Publish / Generate – Addition of "Japan1" Open Type (.OTF) Font Format Designer publish and Generate have been extended to support the use of the latest "Japan1" Open Type (Compact Format) OTF Font format.

- Publish on Latest Japanese Windows 10 – Addition of Latest True Type (.TTF) Font Format Designer publish has been extended to support the latest version of Japanese Windows 10 Default True Type TTF Font Format - MS P Gothic (v5.11).

EngageOne Accessibility

Designer PDF Publish / Generate – Support for EngageOne Accessibility - Designer Publish and Generate have been updated in this release with an Optional "EngageOne Accessibility Optimization" PDF Output Device feature to allow integration with the EngageOne Accessibility product. Enabling this feature inserts a space at the end of an wrapping line of PDF Output text such that Accessibility PDF Screen readers can parse the text in a readable format.

Other changes in this release

• Designer / Generate CR/LF support for QR Barcode - This release adds support for Carriage Return / Line Feed within QR Code Barcodes.See the Designer Users Guide for details.

• Ghostscript 9.21 (32 bit) support - Designer now supports Ghostscript 9.21 (32 bit) to use EPS images or the external documents feature to import PDF or EPS.

6.6 Service Pack 4

• Advanced search feature

  • Provides the user sophisticated search capabilities. You can create complex searches to find specific asset types and their associated properties using Designer's built-in search query language.

  • The search query returns results in a grid format, allowing you to drill-down into further detail on a selected search result.

  • Context menu options available on search results allowing you to:

    - locate and open the selected asset in the navigator.

    - presents information such as where the selected asset is used and the resources it uses.

• Designer/Generate improved support for bidirectional text entry

  • Specifically, rules governing the placement of punctuation characters in a right-to-left paragraph have been put in place for the following items:

    • Open bracket
    • Close bracket
    • Decimal point and thousands separator- Arabic decimal and thousands separators
    • Percent sign and currency symbols
    • Default placement following a number

6.6 Service Pack 3

- Publish to PDF option - Preserve color space now supports EPS images.

  - This now generates the smaller JPG format to be used for EPS Images which allows CMYK to be used.

- Publish to EngageOne - performance

  - Performance improvements have been made to significantly reduce the time taken to load the Publish Wizard and for Publish to EngageOne.

    Note that these performance changes also apply to DOC1PUBLISH, (Command Line Publish) to EngageOne.

- Navigator keyboard shortcuts - new shortcuts have been added as follows:

  - F2 - Rename
  - CTRL + C – Copy within Project

    This also copies the full object path to the system clipboard – allowing it to be pasted into any editor for scripting / diagnostics

  - CTRL+V – Paste within Project
  - ALT + Enter - Properties

6.6 Service Pack 2

- Performance improvements on loading publications containing Designer Keyed Active Content and Keyed Images.

- Performance improvements on loading publications containing Designer font styles.

- Improvements to on-line help presentation.

Additionally, support for the following platforms has been added:

- Microsoft Windows 2016 Server for the Designer Server and Client.
- Microsoft Windows 10 for the Designer Client.

6.6 Service Pack 1

- Designer Publish of Open Type (.OTF) fonts using ANSI Languages to PDF improvements.

  Publishing of Paragraph Text using ANSI Languages with OTF Fonts to PDF now:

  - Generates smaller ANSI codepage OTF PDF fonts if embedded instead of previous CID Format.

  - Allows users to not embed OTF Fonts for PDF Output.

6.6

EngageOne Video integration

Designer 6.6 adds the capability to include data-driven links to EngageOne Video content in the publication's design. Personalized URL (PURL) can be defined in your document's design using the following design objects:

- EngageOne video QR barcodes
- Clickable images
- URL links

The appropriate data is provided to resolve the PURL when a communication is created from a template containing EngageOne Video objects in EngageOne Compose. Refer to the EngageOne Administration and Interactive Guides for further information

Cross browser support

Designer 6.6 adds cross browser support for publications containing interactive data intended for EngageOne. The new Cross Browser Support option is available as a publication attribute. When selected, the final customer communication can be created in any supported browser without the need to download and install the ActiveX version of the Interactive editor.

Active Content Production Jobs

Designer 6.6 adds the capability of Publishing Active Content for Generate output in the Publish Wizard or DOC1PUBLISH using one of the following publishing modes:

- Complete (Design and Resources)
- Design only
- Selected Active Content Resources

> **Note:** the selected active content resources production job option is not supported for doc1publish. refer to the designer users guide for full details.

DOC1PUBLISH

Designer 6.6 adds the capability to run Command Line Publish (DOC1PUBLISH) concurrently with the Designer Client.

SQL 2014 support

Designer 6.6 adds support for SQL 2014.

Known issues

Sorting limitation

When using XML input data, Generate output may not match that shown in the Designer editor if sorting is used in Repeating Data or Transaction Table logic where the sort field is not contained directly in the control data record but is contained in a nested record. Sorting of XML data in Repeating Data or Transaction Table is only supported when the sort field is directly contained in the control data record. If you specify other fields for sorting, such as those in nested records, it is not supported,and, in these cases, the order of the data in Generate output is undefined and may not match Designer. For repeating elements in XML data, fields should be specified as attributes of the repeating element for them to be usable as sort fields for the corresponding repeated data record in Designer logic.

Bulleted and numbered list character alignment

The option to apply right/center/character alignment to the tab character of bulleted and numbered lists is allowed in the design editor; however, it is important to be aware that this is invalid formatting and will not be honored when processed by Generate.

Workaround: deactivate the bulleted/numbered list option for the paragraph and manually add your preferred bullet characters followed by the required tab(s).

Issues importing Windows fonts

From Windows 10 version 1809, the ability for non-admin users to install fonts for personal use was introduced. However, Designer requires fonts to be installed for all users. As a result, an error can occur when importing Windows fonts into your repository using the **Task/Import Fonts option**; this is accompanied by a **File Not Found** error message in the event log.

Recommendation:

• Install the font for all users; you require administrator rights to do this
• Restart Designer and import the font again

Advanced Search Service fails to start

Occurs when installing the Designer Advanced Search Service on some Windows Server environments where executing:

```
.\install.ps1 searchsettings.json
```

fails when first invoked due to a lag with starting the Search service on some Windows Server environments.

Executing the above command a second time resolves the issue. Refer to the Designer Installation Guide's *Troubleshooting search issues* section for information on other Advanced Search issues.

Issues publishing Keyed Active Content containing Interactive Variables

Publishing will abort with an inaccurate error message when publishing Active Content containing interactive variables.

Configuring the SQL Server connection port

By default, Designer connects to port 1433. If you wish to configure a specific connection port, you will need to enter a connection string directly into the SQL Server: entry field using the following format:

```
ServerName[\InstanceName],Port
```

It is important to note that although the ServerName and InstanceName information is preserved by the Designer Repository Configuration Tool on each run, you will need to re-enter the port number each time the Designer Repository Configuration Tool is executed.

Language issues with context menu options when logging into a localized version of Designer

The context menu displays English options when clicking on the right mouse button within the password field of the logon dialog.

Fix: install the appropriate language pack for .net 4 on the client machine.

Issues loading Resource Only production job in the Publish Wizard

Saved settings are not loaded.

Font spacing issues

When designing with Outline font formats on Windows such as Type 1, True Type, Open Type for output to datastreams that require different format (Bitmap) font resources (e.g. AFP, Metacode, IJPDS), slightly inaccurate font spacing can result. This is evident when changing font within a paragraph or applying a style such as bold or underlining.

Recommendations:

• Import the required Printer fonts into Designer for use with your publication design.

• AFP Users can also Publish to AFP Outline font format instead of to AFP Bitmap font format to resolve font spacing issues.

• PCL users can also publish to TrueType output font format instead of Bitmap.

Issues with mapped fonts during publishing

Mapped fonts missing in your local environment are not installed automatically during publishing.

Workarounds:

1. Expand your repository's Font Library.
2. Expand the folder associated with the missing font family.

3. Open any font item in the selected font family. Note that selecting the font item automatically installs all font sizes and styles for the selected font family.

Restrictions

In most cases restrictions related to a particular feature are described in the appropriate section of the release documentation. However, for the e-HTML output driver, restrictions are fully detailed in the ***Designer Best Practice Recommendations for eHTML.pdf***, distributed with the documentation for this release.

Previewing blocks for EngageOne Communicate

When previewing blocks for EngageOne Communicate, the output is not viewable in Internet Explorer.

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1700 District Ave Ste 300
Burlington MA 01803-5231
USA

www.precisely.com