# PRODUCT RELEASE ANNOUNCEMENT

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| Product Category | **Publish 3D** |
| Product Group | JT to CATIA Composer |
| Release Version | 21.4 |

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| Document Type | **Product Release Announcement** |
| Status | Released |
| Revision | 4.0 |
| Author | Trevor Leeson |
| Issued | 23/11/2018 |

# PRODUCT RELEASE ANNOUNCEMENT

## Contents

## Document History

| Revision | Update Information |
|---|---|
| 1.0 | Initial Release |
| 2.0 | Updated some typing issues |
| 3.0 | Added Related Media section to download license server |
| 4.0 | Added note to inform users of previous installations that they must update the license server to the latest release |

## Product Codes

| Product Code | Product Type | Product Description |
|---|---|---|
| **JTC5C-U1** | Base Product | JT to CATIA Composer JT (uni-directional) |
| **JTC5C-U2** | Base Product | JT to CATIA Composer Sync (uni-directional) |
| **JTC5C-U3** | Base Product | JT to CATIA Composer Enterprise Sync (uni-directional) |

## Supported Application Revisions

The following application revisions have been qualified with this release

| Application | Revision |
|---|---|
| CATIA Composer (JTC5C) | A minimum level of **CATIA Composer R2019 HF1** is required to implement this translator. However, higher hotfixes of R2019 or higher base level releases should also be supported. |

## Supporting APIs

The following API support is used

| Application | Revision |
|---|---|
| CATIA Composer | 2019 Hotfix 1 |
| JTOpen Libraries | JT Toolkit version 10.1.0.0 |

## Supported Operating Systems

The following operating systems have been qualified with this release

| Operating System | Qualification Status |
|---|---|
| Windows 10 64-bit | Qualified and fully supported |
| Windows 8 64-bit | Qualified and fully supported |
| Windows 7 64-bit | Qualified and fully supported |
| Windows Server 2012 64-bit | Qualified and fully supported |
| Windows Server 2008 64-bit | Qualified and fully supported |

## Distribution Media

CD images of the latest release are available from the following download sites.

| Product | URL for CD image download |
| --- | --- |
| **CATIA Composer** | CAD_21.4_JTC5C_WIN.01.msi |

## Related Distribution Media

In addition to the translator software itself there is also another related media distribution available. This contains the Theorem License Manager which is installed on the nominated license server(s) and manages the user access to the purchased volume of concurrent Theorem application licenses.

| Related Package | URL for CD image download |
| --- | --- |
| **Theorem License Manager** | https://s3-eu-west-1.amazonaws.com/theorem.software/LicenseManager/CAD_FLEXLM_11.14_WIN.01.msi |

## License Server Update - Important Note

If you have previously installed an earlier release of the JT to CATIA Composer, and therefore have an existing installation of the Theorem License Server. Then you must update the license server to the latest release. Theorem License Server installations will fail to manage licenses linked to the latest release of the JT to CATIA Composer translator.

## New Features / Enhancements

The following new features or enhancements have been introduced with this release

| Ref ID | New Feature / Enhancement Description |
|---|---|
| 1 | Supports CATIA Composer 2019 |
| 2 | New Composer Enterprise batch script (jt_composer.cmd) is available. This is fully documented in the updated User Guide which is available from http://www.theorem.com/Documentation/JT_C5C_index.htm |
| 3 | When processing PLMXML data the translator now supports the ability to handle assembly item occurrence property values. |
| 4 | Updated support of JT libraries now include the support of reading JT file formats up to JT file format 10.0 This is the format that is specified for DIN SPEC 91383 "JT Industrial Application Package (JTIAP)" which is being proposed by automotive OEM's for supplier data exchange. |
| 5 | In addition to the already supported native JT and PLMXML assembly structure definitions, the translator now supports the ability to read an assembly structure defined in STEP AP203 BOM format with subordinate JT component parts files. |
| 6 | When importing data into CATIA Composer the default mechanism processes all properties in the input JT files and writes the values into the CATIA Composer output data. There is now a propery filtering mechanism which allows the user to control which properties are processed and which are to be omitted from the Composer output. |
| 7 | When common properties appear in both the PLMXML assembly and subordinate JT components the resultant Composer output contains the property values obtained from the subordinate JT file. Previously in these circumstances the subordinate JT property values were ignored when creating the Composer output. |

## Known Limitations and Restrictions

The following limitations and restrictions have been identified during final testing prior to release

| Ref ID | Limitations and Restrictions |
|---|---|
| 1 | When using this version of the translator with versions of CATIA Composer lower than 2019 a message is displayed when opening the output indicating that the file has been created from a higher release. Tests performed with CATIA Composer 2018 and CAT Composer 2017x have indicated that although the message is displayed the files are able to be accessed successfully. However, there is no guarantee that this will occur in all circumstances. Therefore, it is recommended that the version of CATIA Composer should be version 2019 or higher. |
| 2 | Oldrer installations of the Theorem License Server are not compatible with this release of the JT to CATIA Composer code. Therefore the old license server installation must be updated to the latest version shown in the Related Distribution Media section of this document. |

## Resolved Support Calls

The following list of Support Calls are resolved with this release

| Support Call ID | Brief Description |
| --- | --- |
| CAS-02898-R6S0D7 | Problems with colour and property mapping from JT to Composer |
| CAS-02901-F1G7D3 | Problem processing JT file |
| CAS-03251-S8L8H7 | Problem showing JT SUBNODE data in Composer output |
| CAS-03331-N5T1N6 | Problem processing PLMXML + JT to fully shattered CATIA Composer output |
| CAS-03345-Y4Q6J8 | Problem with difference between colour of JT data compared to Composer output |
| CAS-03370-V3S0C8 | Error reading PLMXML file process crashes translator |
| CAS-03435-F5F4C2 | Translation fails to process JT files correct. No assembly or geometry imported |
| CAS-03510-F5Y4J9 | Parent ditto message isn't reported for all assembly processing |
| CAS-03612-D0Y7Y7 | Problem processing JT data colour to Composer output |
| CAS-03619-L6V7P6 | Support for CatiaComposer 2019 |
| CAS-03630-R5M9S8 | When processing JT assembly structure nodes have -scale 1000_ added to the node names |
| CAS-03745-F4L7L7 | Processing supplied JT files causes memory leaks when importing into CATIA Composer |
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