



## ADDS

### What's New in Version 20.3?



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# 1 ADD: Purpose and scope

This document describes the improvements and changes of the current ADD version compared to the previous versions.

## 2 ADD - What's new in 20.3.R0

### 2.1 New Features, Major Improvements

Key	What's New
ADDS-181 96	<b>PACES Zero EAR Deployment</b> The ADD release archive no longer contains paces server *.ear files.
ADDS-180 29	<b>ADD DDX/MDX Export Memory</b> Memory usage during ADD DDX/MDX-Export reduced.
ADDS-179 60	<b>SWC StructType Check</b> Check the usage of multiple Structure Types version within a given Software Component.
ADDS-178 74	<b>Project Check Classic DS SC</b> Prompt differences of a Project Supplier DataSpace - SystemConstant configurations within the Project Check.
ADDS-176 25	<b>Visible Input Online Cnt Check No. 7</b> DataObjects of type "Online" and Classification "INPUT" will not be considered within Container Check No 7 anymore.
ADDS-175 85	<b>Support BusAdp ARXML</b> Support of ARXML file import for special Container BusAdp added.
ADDS-175 66	<b>Instance Spec Member Attributes</b> Allow the setting and usage of single Datatype attributes as instance specific Struct Member values.
ADDS-175 50	<b>SWC Interface Limits Checks</b> Limit Compatibility Check added for "Software Components" Interface Mappings.
ADDS-174 81	<b>SWC Import Project Content</b> Allow import of Software Component references via "Import Project Content" functionality.
ADDS-166 77	<b>Target Framework v4.7.2</b> Microsoft .NET system requirement updated to version 4.7.2.
ADDS-166 00	<b>SWC Interrunnable Variable</b> Support of Autosar Software Component Interrunnable Variable added.

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<b>ADDS-163</b> 80	<b>DB/DDX DataType Handling</b> Remove concept of composite data type. Model data objects (variable, calprm, calaxis or structure member) now directly refer base type, unit, conversion and display format for both software and simulation.
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<b>ADDS-161</b> 35	<b>Calculate Prj DS Memory Usage</b> Calculate the memory usage of a given Project DataSpace configuration via PACES.
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<b>ADDS-160</b> 52	<b>SWC ARXML VendorID</b> Import vendor information for ARXML artifacts imported via Software Component ARXML-Import.
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## 2.2 Minor Improvements, Correction of Bugs

Key	What's New
<b>ADDS-18</b> 203	<b>Refused/Deprecated ADD Text Validation/Restriction</b> Issues related to superfluous ADD Text Validation check when changing "Refused"/"Deprecated" attribute of Projects/Conf. Packs/Compositions/Containers fixed.
<b>ADDS-18</b> 140	<b>BusAdp Import Error</b> Issues related to a crash of ADD when importing a BusAdp file containing Signals within case invariant Names fixed.
<b>ADDS-17</b> 893	<b>Locked Element Status</b> Issues related to the displaying of the "Lock" symbol for non-"draft" - ADD elements fixed.
<b>ADDS-17</b> 857	<b>DS Reduce Size</b> Issues related to the removing of DataSpace characteristics when reducing the Size value fixed.
<b>ADDS-17</b> 855	<b>DS Supplier SC Value</b> Issues related to invalid DataSpace Elements in case of a SystemConstant Value conflict of the Project and Supplier (Conf. Package) specification fixed.
<b>ADDS-17</b> 798	<b>DS Dependend/Fixed SC-Refs</b> Issues related to a non-fixable Project/ConfPack when DataSpace-Size has been specified via Dependend/Fixed SystemConstant fixed.
<b>ADDS-17</b> 774	<b>Cnt Prj Context Change</b> Issues related to the erroneous change of the Project context of a loaded Container in Project context fixed.
<b>ADDS-17</b> 770	<b>CMP Ref. Search ADD Crash</b> Issues related to a crash of ADD when using the Composition Reference Search dialog fixed.

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<p>ADDS-17 764</p>	<p><b>DO Fixed/Simfixed Text Validation</b></p> <p>Omit the Text Validation check of "simfixed"/"fixed" DataObjects.</p>
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<p>ADDS-17 759</p>	<p><b>Prj/ConfPack Dep. SC Value Check Info</b></p> <p>Information within the Project/Conf. Package Check - message regarding the consequences of a Value change for Dependent SystemConstants clarified.</p>
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<p>ADDS-17 748</p>	<p><b>SQLServer Licence Usage</b></p> <p>Issues related to the wastage of ADD licenses when using SQLServer 2016 fixed.</p>
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<p>ADDS-17 746</p>	<p><b>User Group DO-Status/Lock</b></p> <p>Issues related to the changing of DataObject Status and Lock attribute fixed.</p>
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<p>ADDS-17 741</p>	<p><b>TakeOver Column Filter Status</b></p> <p>Issues related to an faulty Column Filter Status within the TakeOver dialog fixed.</p>
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<p>ADDS-17 721</p>	<p><b>Blocked Unlocked Container</b></p> <p>Issues related to the blockage of a Container when unlock process in ADD has not been finished fixed.</p>
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<p>ADDS-17 710</p>	<p><b>SysDefConf Performance</b></p> <p>General performance enhancement of the ADD special Container SysDefConf.</p>
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<p>ADDS-17 703</p>	<p><b>Deprecated/Refused SWC</b></p> <p>Issues related to an error when marking ADD Software Components as Deprecated/Refused fixed.</p>
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<p>ADDS-17 672</p>	<p><b>Prj/ConfPack SimFixed/Fixed TakeOver</b></p> <p>Omit the take over of SystemConstant/DataSpace/DataVariant settings for Projects/Conf. Packages with Status "simfixed"/"fixed".</p>
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<p>ADDS-17 666</p>	<p><b>IsMessage SC</b></p> <p>Issues related to an invalid "IsMessage" specification of a SystemConstant DataObject fixed.</p>
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<p>ADDS-17 662</p>	<p><b>DS SC-Values</b></p> <p>Issues related to an invalid setting of DataSpace Size values specified via Dependent SystemConstant when switching between ADD Projects fixed.</p>
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<p>ADDS-17 637</p>	<p><b>Conversion Catalog Control</b></p> <p>Issues related to an overlapping of the Conversion Catalog and SIM/SW BaseType/Unit control within the DataObject Definition tab fixed.</p>
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<p>ADDS-17 622</p>	<p><b>NCheck Version Info</b></p> <p>Version information within NCheck window - title limited to 3 digits.</p>
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<p>ADDS-17 619</p>	<p><b>Basic DS CV Configuration</b></p> <p>Issues related to a non-configurable Basic DataSpace Elements within a Conf. Package for CodeVariant conditioned DS Elements fixed.</p>
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**ADDS-17 Cnt View ADD Crash**

603 Issues related to a crash of ADD when opening a Container fixed.

**ADDS-17 STD Online-Ref Lock**

540 Issues related to an erroneously locked Online reference control for STD Axis fixed.

**ADDS-17 InitValue Container Status**

526 Issues related to an invalid Container Check No. 9 when trying to fix Container fixed.

**ADDS-17 CodeSyntax ADDOffline Sync**

524 Issues related to a CODE\_SYNTAX\_REF error during ADDOffline Sync fixed.

**ADDS-17 SysDefConf SC Delete**

394 Issues related to an error when deleting a SystemConstant from special container SysDefConf fixed in newly created ADD databases.

**ADDS-17 ADD ARXML Export Info**

221 Enhance error messaged in case of an erroneous ADD ARXML export.

**ADDS-17 StructType Axis/Map-Type**

143 Issues related to a erroneous mix-up of STD/FIX and COM Axis within a StructType Map fixed.

**ADDS-17 MDX String Conversion Dec Limits**

050 Export String Conversion Limits as decimal value within the ADD MDX output.

**ADDS-16 Change Responsible Show UserName**

920 Show matching UserName within the ADD Change Responsible dialog when specifying the ADD LoginName.

**ADDS-16 Struct Impl. Control**

688 Issues related to an erroneous displaying of the Structure Implementation controls fixed.

**ADDS-14 InitValue Prj Check No 14**

663 Issues related to an invalid listing of DataObjects regarding InitValue inconsistencies within Project Check No. 14 fixed.

33 issues

## 3 ADD - What's new in 20.3 Appendix

### 3.1 No longer supported features

Key	What's New
<a href="#">ADDS-17694</a>	<b>SWC Checks Removed</b> SWC Checks No. 2, 3, 4 removed.
<a href="#">ADDS-17544</a>	<b>Remove CodeSyntax Category</b> CATEGORY - Tag of Attribute "CODE-SYNTAX" removed from DDX.

[2 issues](#)

### 3.2 Questions?

If you have any questions about this release, please contact the Visu-IT! Hotline:

#### ADD Hotline

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#### ADD Product Page

Internet: [visu-it.de/products/add/](http://visu-it.de/products/add/)