



## ADD

What's new in 22.3?



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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 22.3.R0

### 2.1 New Features, Major Improvements

Schlüssel	What's New
ADDS-21092	<p><b>Supplier Interface</b></p> <p>In addition to the already implemented display of omitted supplier interface objects with a blue background and crossed out, these are now also provided with an additional marker in the "Modified" column.</p>
ADDS-21080	<p><b>Performance Improvements</b></p> <p>The performance in ADD has been improved in various places (e.g. loading data objects with dependant SCs as limit, initialising the folder view when starting ADD, the LibFreeze check, etc.).</p>
ADDS-21010	<p><b>DDX Schema SW_MEMORY-SECTION</b></p> <p>Introduction new DDX Software-Tag (SW) Attribute "SW_MEMORY-SECTION".</p>
ADDS-21008	<p><b>ADD Name Checker</b></p> <p>The drop-down lists used to select name elements are now always displayed the same way, even if the name is not newly created but inserted in another way (e.g. by copy-paste).</p>
ADDS-20772	<p><b>Project/Conf.Pack/Func.Pack/SWC Reference Tab-Page</b></p> <p>The loading of the Reference Tab Page for Projects, Conf. Packages, Func. Packages and SCWs was significantly accelerated.</p>
ADDS-20608	<p><b>SIM DataType</b></p> <p>Data objects in ADD can now be configured so that only the BaseType can be set for the SIM DataType. The remaining attributes of the SIM DataType are then automatically filled with the data of the SW DataType.</p> <p>The same applies to Struct-Type/Struct-Instance members, whereby there is still the restriction for Struct-Instance members that the BaseType cannot be overwritten.</p>
ADDS-20606	<p><b>Task-Feature</b></p> <p>With a corresponding configuration it is possible now to deactivate the Task-Feature (and the AccessFrequency) in ADD. In this case only the Memory Section is active and can be set at the DataObject.</p>
ADDS-20469	<p><b>Task Information at INPUT Data Objects</b></p> <p>Whenever a data object is added to the INPUT area of a container (e.g. by actively moving it from OUTPUT/LOCAL to INPUT or by functions such as "Search DO"), the task information (Task List, Selected Task, Memory Section, Access Frequency, Max Refresh) is removed. However, the existing behaviour for Diag_Idx objects is not changed.</p>

**ADDS-20316 Variant Selectors**

A configuration switch makes it possible in future to use the "Coding Number" of variant selectors more than once (viewed globally across the DB). At project level, multiple use of the "Coding Number" is still prohibited; this is ensured by a check.

**ADDS-19801 Limits**

By configuration, it is possible now in ADD to explicitly specify no limits for artefacts that have limit attributes (such as data objects, templates...) and consequently to write no limits to the DB. It is then up to the processing tools to interpret the missing limits (e.g. set the limits according to the existing baseType and conversion).

Of course, it is also possible to continue setting the limits.

LowerLimit and UpperLimit must always act in pairs, either both are present or both are missing.

**ADDS-17345 Name Checker**

Via "include" paths in the VITNameChecker.config it is possible now to distribute the configuration over several files. The previous rules (unique catalogues, schema) continue to exist.

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## 2.2 Minor Improvements, Correction of Bugs

Schlüssel	What's New
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**ADDS-21224 Create new Data Object (Version)**

Bugfix: due to a flag that was not deleted, it was not possible to create a data object based on an RTE interface or a new version of a data object under certain conditions.

**ADDS-21165 Code Variants**

Bugfix: in very rare cases it could happen that a Code Variant was cut off and saving the changes to the respective object was no longer possible. Theoretically, it could also have happened that an incomplete code variant was saved.

**ADDS-21163 ELF-/I3E-Wizzard**

Bugfix: when importing the sample ELF file, certain record layouts were not found.

**ADDS-21041 32bit Components & .NET Framework v4.8.1**

Issues related to the launching/execution of 32bit applications/assemblies on systems with installed MS .NET Framework v4.8.1 fixed.

**ADDS-20964 SWC Apply**

ADD no longer crashes when editing ApplicationSWCs that have persistent code variants.

**ADDS-20916 SWC Composition Take Over**

If a composition in an ApplicationSwc is updated to a new version via TakeOver, it is only removed from the SWC in the background but the new version is not referenced although this is displayed in the UI. Now the new version will be referenced correctly.

<p>ADDS-20909</p>	<p><b>Variant Selectors Tab</b></p>	<p>In the Project Variant Selectors Tab bugs were fixed that affected both the displayed (Default-) values and their colour representation. In addition the order of the Variant Criteria did not correspond to the expected behaviour in some cases.</p>
<p>ADDS-20903</p>	<p><b>Create DO based on VariableDataPrototype</b></p>	<p>When creating a new version based on a VariableDataPrototype, a crash occurs if there is already a data object with the same name in version 1.0 in the container.</p>
<p>ADDS-20895</p>	<p><b>ADD Offline</b></p>	<p>It is possible again to save conversions from DDX/Predefs files that do not have a DDID.</p>
<p>ADDS-20784</p>	<p><b>SWC Interface</b></p>	<p>Bugfix: inactive Variable Data Prototypes were erroneously displayed in the SWC interface tab page.</p>
<p>ADDS-20741</p>	<p><b>Running ADD</b></p>	<p>Bugfix: an error has been eliminated where a deadlock could occur when writing to the database when running several ADD instances on one computer.</p>
<p>ADDS-20696</p>	<p><b>Import Project Content</b></p>	<p>When importing axes using a SC as axis size a crash occurred in the "Import Project Content" function.</p>
<p>ADDS-20620</p>	<p><b>Conversion Version Check</b></p>	<p>Bugfix: in the Conversion Version Check, enumerations are no longer listed twice.</p>
<p>ADDS-19553</p>	<p><b>JFXHost</b></p>	<p>Bugfix: Eliminated some side effects caused by embedding Java controls in ADD (e.g. the history window appeared under certain conditions and could not be closed).</p>
<p>ADDS-18377</p>	<p><b>Op Code Assignment</b></p>	<p>Bugfix: Fixed a crash that occurred when using the magnifying glass icon in the Assign Op Code Management dialogue.</p>
<p>ADDS-15562</p>	<p><b>MSI - installation path</b></p>	<p>Fixed an issue which prevented the installation path to be changed when executed from a network drive</p>

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## 3 ADD - What's new in 22.3 Appendix

### 3.1 No longer supported features

Schlüssel      What's New

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Keine Vorgänge gefunden

### 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/](https://visu-it.de/products/add/)