

## Automotive Data Dictionary

What's new in Version 19.1.R1?

March 27<sup>th</sup> 2019

### ADD Contact

email: [hotline@visu-it.com](mailto:hotline@visu-it.com)

Internet: <https://www.visu-it.de/add>



© Copyright 2019  
Visual Information Technologies GmbH  
An der Schergenbreite 1  
93059 Regensburg

## Contents

<b>1</b>	<b>Purpose and scope</b>	<b>8</b>
<b>2</b>	<b>What's new in Version V19.1.R1?</b>	<b>8</b>
2.1	Highlights	8
2.2	New Features, Major Improvements	8
2.2.1	CMP Interface Inheritance (Optional) <a href="#">[ADDS-15086]</a>	8
2.3	Minor Improvements / Correction of Bugs	8
2.3.1	InitValues 1/x - Conversion <a href="#">[ADDS-14919]</a>	8
2.4	ADDAdapter	8
2.5	DDX HighLevel	8
<b>3</b>	<b>What's new in Version V19.1.R0?</b>	<b>9</b>
3.1	Highlights	9
3.1.1	NCheck Catalog RegEx <a href="#">[ADDS-14534]</a>	9
3.1.2	Diagnostic Attributes <a href="#">[ADDS-14179]</a>	9
3.1.3	MaxRef/AccFreq TimePeriods <a href="#">[ADDS-13077]</a>	9
3.2	New Features, Major Improvements	9
3.2.1	StructMember SW-BaseType <a href="#">[ADDS-14625]</a>	9
3.2.2	Basic DS Project Resolution <a href="#">[ADDS-14213]</a>	9
3.2.3	Supplier Interface VarSel <a href="#">[ADDS-14199]</a>	9
3.2.4	Supplier Interface CTs <a href="#">[ADDS-14197]</a>	9
3.2.5	Prj Check 8 SC Conf.Packs <a href="#">[ADDS-14193]</a>	9
3.2.6	Conf. Pack Context Check <a href="#">[ADDS-14191]</a>	9
3.2.7	MemSec ProcessLocal <a href="#">[ADDS-12070]</a>	9
3.2.8	Cnt Task Variant (Optional) <a href="#">[ADDS-6798]</a>	9
3.3	Minor Improvements / Correction of Bugs	9
3.3.1	ADD NameChecker Read from DB <a href="#">[ADDS-14809]</a>	9
3.3.2	StructType Lock <a href="#">[ADDS-14666]</a>	10
3.3.3	StructMember Boolean <a href="#">[ADDS-14790]</a>	10
3.3.4	DOs Limit Handling <a href="#">[ADDS-14205]</a>	10
3.3.5	Optional Struct Online Inits <a href="#">[ADDS-14852]</a>	10
3.3.6	ADD MinimizeDlg <a href="#">[ADDS-14755]</a>	10
3.3.7	BusAdp Signal Limits Import <a href="#">[ADDS-14726]</a>	10
3.3.8	Unused Cnt CodVars <a href="#">[ADDS-13461]</a>	10
3.3.9	StructType Sync <a href="#">[ADDS-13357]</a>	10
3.3.10	ADDOOffline Conversion Catalogue <a href="#">[ADDS-12781]</a>	10
3.3.11	StructInstance InitValue <a href="#">[ADDS-11806]</a>	10
3.3.12	Available Container Control <a href="#">[ADDS-8344]</a>	10
3.3.13	DDX Schema-Change <a href="#">[ADDS-6128]</a>	10
3.3.14	Dep. SC BaseType Check <a href="#">[ADDS-2200]</a>	10
3.3.15	Object Name Check <a href="#">[ADDS-1205]</a>	10
3.3.16	VIT NCheck API Access <a href="#">[ADDS-15229]</a>	11
3.3.17	Search Supplier Interface <a href="#">[ADDS-15169]</a>	11
3.3.18	Conversion Catalog Mgmt <a href="#">[ADDS-15159]</a>	11
3.4	ADDAdapter	11
3.5	DDX HighLevel	11

<b>4</b>	<b>What's new in Version V14.3.R2?</b>	<b>12</b>
4.1	Highlights	12
4.2	New Features, Major Improvements	12
4.2.1	Frozen Check Performance [ <a href="#">ADDS-14860</a> ]	12
4.3	Minor Improvements / Correction of Bugs	12
4.3.1	STRING Conversion Sync [ <a href="#">ADDS-14919</a> ]	12
4.3.2	AutoDisconnect ADD/PACES [ <a href="#">ADDS-13271</a> ]	12
4.3.3	Offline Conversion Catalog [ <a href="#">ADDS-14759</a> ]	12
4.4	ADDAdapter	12
4.5	DDX HighLevel	12
<b>5</b>	<b>What's new in Version V14.3.R0?</b>	<b>13</b>
5.1	Highlights	13
5.1.1	Show Cmp Scope Refs [ <a href="#">ADDS-12100</a> ]	13
5.1.2	Struct SC-Refs [ <a href="#">ADDS-14366</a> ]	13
5.1.3	CIL Container Runnabels [ <a href="#">ADDS-13944</a> ]	13
5.1.4	New VIT Name-Checker "NCheck" [ <a href="#">ADDS-13859</a> ]	13
5.1.5	New VDM Cross Reference [ <a href="#">ADDS-14265</a> ]	13
5.1.6	SC Init-Values [ <a href="#">ADDS-13872</a> ]	13
5.2	New Features, Major Improvements	13
5.2.1	Last CR [ <a href="#">ADDS-12105</a> ]	13
5.3	Minor Improvements / Correction of Bugs	13
5.3.1	LOCAL DOs in Composition [ <a href="#">ADDS-13683</a> ]	13
5.3.2	Runnable DataAcces Change [ <a href="#">ADDS-14514</a> ]	13
5.3.3	Prj/ConfPack Ref-Check [ <a href="#">ADDS-14379</a> ]	13
5.3.4	ADDOffline x86 Installation [ <a href="#">ADDS-14140</a> ]	13
5.3.5	Cmp Interface Local [ <a href="#">ADDS-13693</a> ]	13
5.3.6	Replace DO Refs [ <a href="#">ADDS-13691</a> ]	14
5.3.7	CR Cmp Sync [ <a href="#">ADDS-13374</a> ]	14
5.3.8	ADDOffline CIL Connection Remark [ <a href="#">ADDS-9289</a> ]	14
5.3.9	ADD Offline Sync Error [ <a href="#">ADDS-14541</a> ]	14
5.3.10	ArraySize SC- StringConversion (Optional) [ <a href="#">ADDS-14069</a> ]	14
5.4	ADDAdapter	14
5.5	DDX HighLevel	14
<b>6</b>	<b>What's new in Version V14.2.R6?</b>	<b>15</b>
6.1	Highlights	15
6.2	New Features, Major Improvements	15
6.2.1	CMP Interface Inheritance (Optional) [ <a href="#">ADDS-15086</a> ]	15
6.3	Minor Improvements / Correction of Bugs	15
6.3.1	Runnable CNT Variant [ <a href="#">ADDS-14514</a> ]	15
6.3.2	Frozen Check Performance [ <a href="#">ADDS-14860</a> ]	15
6.4	ADDAdapter	15
6.5	DDX HighLevel	15
<b>7</b>	<b>What's new in Version V14.2.R5?</b>	<b>16</b>

<b>7.1</b>	<b>Highlights</b>	<b>16</b>
<b>7.2</b>	<b>New Features, Major Improvements</b>	<b>16</b>
7.2.1	Optional RAM Struct Init-Value [ <a href="#">ADDS-14414</a> ]	16
<b>7.3</b>	<b>Minor Improvements / Correction of Bugs</b>	<b>16</b>
7.3.1	Multi Select Delete DOs [ <a href="#">ADDS-14530</a> ]	16
7.3.2	LOCAL DOs in Composition [ <a href="#">ADDS-13683</a> ]	16
<b>7.4</b>	<b>ADDAdapter</b>	<b>16</b>
<b>7.5</b>	<b>DDX HighLevel</b>	<b>16</b>
<b>8</b>	<b>What's new in Version V14.2.R4?</b>	<b>17</b>
<b>8.1</b>	<b>Highlights</b>	<b>17</b>
<b>8.2</b>	<b>New Features, Major Improvements</b>	<b>17</b>
<b>8.3</b>	<b>Minor Improvements / Correction of Bugs</b>	<b>17</b>
8.3.1	CIL Container Prj Ref [ <a href="#">ADDS-14201</a> ]	17
8.3.2	CIL Container Prj Variant [ <a href="#">ADDS-14371</a> ]	17
8.3.3	Multiple DO Name Search [ <a href="#">ADDS-14277</a> ]	17
8.3.4	Supplier Interface Search [ <a href="#">ADDS-14285</a> ]	17
<b>8.4</b>	<b>ADDAdapter</b>	<b>17</b>
<b>8.5</b>	<b>DDX HighLevel</b>	<b>17</b>
<b>9</b>	<b>What's new in Version V14.2.R2?</b>	<b>18</b>
<b>9.1</b>	<b>Highlights</b>	<b>18</b>
<b>9.2</b>	<b>New Features, Major Improvements</b>	<b>18</b>
<b>9.3</b>	<b>Minor Improvements / Correction of Bugs</b>	<b>18</b>
9.3.1	ADD-PACES Handling [ <a href="#">ADDS-13980</a> ]	18
9.3.2	STD/FIX-Map Sync [ <a href="#">ADDS-13992</a> ]	18
9.3.3	ADDSync Optional MaxRef/AccFreq [ <a href="#">ADDS-12400</a> ]	18
9.3.4	BusAdp Snaphot Handling [ <a href="#">ADDS-14020</a> ]	18
9.3.5	BusAdp Supplier-Interface [ <a href="#">ADDS-14071</a> ]	18
9.3.6	BusAdp Prj Scope Ref Search [ <a href="#">ADDS-14073</a> ]	18
<b>9.4</b>	<b>ADDAdapter</b>	<b>18</b>
<b>9.5</b>	<b>DDX HighLevel</b>	<b>18</b>
<b>10</b>	<b>What's new in Version V14.2.R0?</b>	<b>19</b>
<b>10.1</b>	<b>Highlights</b>	<b>19</b>
10.1.1	DB Maintenance [ <a href="#">ADDS-13154</a> ]	19
10.1.2	AUTOSAR SequenceNeed Support [ <a href="#">ADDS-12067</a> ]	19
10.1.3	CMP++ Action Support [ <a href="#">ADDS-12744</a> ]	19
10.1.4	Optional Struct Online Init-Value [ <a href="#">ADDS-12740</a> ]	19
10.1.5	CIL Connection Search [ <a href="#">ADDS-11508</a> ]	19
10.1.6	New VDM BusAdp Support [ <a href="#">ADDS-11233</a> ]	19
10.1.7	BusAdp Defintion Import [ <a href="#">ADDS-8383</a> ]	19
10.1.8	CIL Container MDX Export (Optional) [ <a href="#">ADDS-12068</a> ]	19
<b>10.2</b>	<b>New Features, Major Improvements</b>	<b>19</b>
10.2.1	DO NameChecker LongName (Optional) [ <a href="#">ADDS-13152</a> ]	19
10.2.2	Cmp++ Interface Attribute (Optional) [ <a href="#">ADDS-13150</a> ]	19

10.2.3	AccessMode Queued Value (Optional) [ <a href="#">ADDS-12742</a> ]	19
10.2.4	User Information Display (Optional) [ <a href="#">ADDS-12106</a> ]	19
10.2.5	Cmp TakeOver [ <a href="#">ADDS-12103</a> ]	20
10.2.6	Basic DS Project Resolution [ <a href="#">ADDS-11570</a> ]	20
10.2.7	Lib Freeze Check (Optional) [ <a href="#">ADDS-12849</a> ]	20
10.2.8	ADD DB Reconnect [ <a href="#">ADDS-12799</a> ]	20
10.2.9	Prj Input/Local Check [ <a href="#">ADDS-2998</a> ]	20
<b>10.3</b>	<b>Minor Improvements / Correction of Bugs</b>	<b>20</b>
10.3.1	ADD GUI Sync Button [ <a href="#">ADDS-12488</a> ]	20
10.3.2	DO Keyword Search [ <a href="#">ADDS-12315</a> ]	20
10.3.3	CNT Check 6 Name (Optional) [ <a href="#">ADDS-6258</a> ]	20
10.3.4	ADD Offline Cmp++ Info [ <a href="#">ADDS-13733</a> ]	20
10.3.5	DO/ENUM State Change [ <a href="#">ADDS-13590</a> ]	20
10.3.6	CMP++ Interface View (Optional) [ <a href="#">ADDS-13501</a> ]	20
10.3.7	ADD UI GridSplitter [ <a href="#">ADDS-13392</a> ]	20
10.3.8	Action Reorder [ <a href="#">ADDS-13679</a> ]	20
10.3.9	Struct Container Check [ <a href="#">ADDS-13622</a> ]	21
10.3.10	VITNameBuilder Name Rebuild [ <a href="#">ADDS-13544</a> ]	21
10.3.11	ADD GUI Settings [ <a href="#">ADDS-13494</a> ]	21
10.3.12	ConsistencyGroup RAM Struct [ <a href="#">ADDS-13492</a> ]	21
10.3.13	Table View Filter [ <a href="#">ADDS-13301</a> ]	21
10.3.14	STD Axis MDX Export [ <a href="#">ADDS-13156</a> ]	21
10.3.15	CsAdp DDX-Export [ <a href="#">ADDS-12750</a> ]	21
10.3.16	Prj Supplier Interface Export [ <a href="#">ADDS-12703</a> ]	21
10.3.17	ADDOffline DO Rename [ <a href="#">ADDS-12701</a> ]	21
10.3.18	ADD ProcessLocal Control [ <a href="#">ADDS-11839</a> ]	21
10.3.19	ADDOffline CIL Connection Remark [ <a href="#">ADDS-9289</a> ]	21
10.3.20	ADD GUI DPI [ <a href="#">ADDS-13785</a> ]	21
10.3.21	ADD Menu Item Handling [ <a href="#">ADDS-13951</a> ]	21
<b>10.4</b>	<b>ADDAdapter</b>	<b>21</b>
<b>10.5</b>	<b>DDX HighLevel</b>	<b>21</b>
<b>11</b>	<b>What's new in Version V14.1.R2?</b>	<b>23</b>
<b>11.1</b>	<b>Highlights</b>	<b>23</b>
<b>11.2</b>	<b>New Features, Major Improvements</b>	<b>23</b>
<b>11.3</b>	<b>Minor Improvements / Correction of Bugs</b>	<b>23</b>
11.3.1	Axis Online-Ref TakeOver [ <a href="#">ADDS-13457</a> ]	23
11.3.2	Composition Interface [ <a href="#">ADDS-13579</a> ]	23
11.3.3	Compositon Check Window Size [ <a href="#">ADDS-13586</a> ]	23
11.3.4	ADD Performance [ <a href="#">ADDS-13470</a> ]	23
<b>11.4</b>	<b>ADDAdapter</b>	<b>23</b>
11.4.1	ADDAdapter GetLimits [ <a href="#">ADDS-13478</a> ]	23
<b>11.5</b>	<b>DDX HighLevel</b>	<b>23</b>
<b>12</b>	<b>What's new in Version V14.1.R1?</b>	<b>24</b>
<b>12.1</b>	<b>Highlights</b>	<b>24</b>
<b>12.2</b>	<b>New Features, Major Improvements</b>	<b>24</b>
12.2.1	CMP Interface Inheritance (Optional) [ <a href="#">ADDS-9920</a> ]	24

<b>12.3</b>	<b>Minor Improvements / Correction of Bugs</b>	<b>24</b>
12.3.1	DO TableView Role Assignment [ <a href="#">ADDS-13286</a> ]	24
12.3.2	DO TableView DataTypeByUnit Filter [ <a href="#">ADDS-13282</a> ]	24
12.3.3	DO TableView Status Fixed (Optional) [ <a href="#">ADDS-13411</a> ]	24
12.3.4	Special Characteristics Ref [ <a href="#">ADDS-13406</a> ]	24
<b>12.4</b>	<b>ADDAdapter</b>	<b>24</b>
12.4.1	ADDAdapter JAVA Instance [ <a href="#">ADDS-13365</a> ]	24
<b>12.5</b>	<b>DDX HighLevel</b>	<b>24</b>
<b>13</b>	<b>What's new in Version V14.1.R0?</b>	<b>25</b>
<b>13.1</b>	<b>Highlights</b>	<b>25</b>
13.1.1	STRING Conversion Import/Export [ <a href="#">ADDS-12066</a> ]	25
13.1.2	Calib Special Characteristics [ <a href="#">ADDS-12030</a> ]	25
13.1.3	AUTOSAR Client-Server SystemEvents [ <a href="#">ADDS-11675</a> ]	25
13.1.4	DO ListView Handling [ <a href="#">ADDS-11278</a> ]	25
13.1.5	Struct Init Data Import/Export [ <a href="#">ADDS-12107</a> ]	25
<b>13.2</b>	<b>New Features, Major Improvements</b>	<b>25</b>
13.2.1	List-View Multi-Selection [ <a href="#">ADDS-12242</a> ]	25
13.2.2	CMP++ Interface Info [ <a href="#">ADDS-12102</a> ]	25
13.2.3	ADD Unit Quick Selection [ <a href="#">ADDS-12072</a> ]	25
<b>13.3</b>	<b>Minor Improvements / Correction of Bugs</b>	<b>25</b>
13.3.1	BusAdp Import (Optional) [ <a href="#">ADDS-12328</a> ]	25
13.3.2	BusAdp Version Handling [ <a href="#">ADDS-12327</a> ]	25
13.3.3	Missing Ref Check Log-Level [ <a href="#">ADDS-11945</a> ]	25
13.3.4	DO Limit Handling (Optional) [ <a href="#">ADDS-11906</a> ]	25
<b>13.4</b>	<b>Blocker and Critical Bugs</b>	<b>26</b>
13.4.1	Composition Local Check [ <a href="#">ADDS-12857</a> ]	26
13.4.2	Prj Check 8 SC Memory [ <a href="#">ADDS-12779</a> ]	26
13.4.3	ImpADD [ <a href="#">ADDS-12515</a> ]	26
13.4.4	Obsolete Connection Handling [ <a href="#">ADDS-12472</a> ]	26
13.4.5	Composition Interface Classification [ <a href="#">ADDS-12446</a> ]	26
13.4.6	Oracle FetchSize OOM [ <a href="#">ADDS-12243</a> ]	26
13.4.7	Environment Variable [ <a href="#">ADDS-13063</a> ]	26
13.4.8	Whitespace Difference [ <a href="#">ADDS-12868</a> ]	26
13.4.9	CV Sync Handling [ <a href="#">ADDS-12734</a> ]	26
13.4.10	ADD Timeout [ <a href="#">ADDS-12695</a> ]	26
13.4.11	InitValues Struct-STD-Map [ <a href="#">ADDS-12667</a> ]	26
13.4.12	Get All StructType [ <a href="#">ADDS-12601</a> ]	26
13.4.13	Control Layout [ <a href="#">ADDS-12572</a> ]	26
13.4.14	Copy/Paste CT Control [ <a href="#">ADDS-12423</a> ]	27
13.4.15	LibFreeze Memory [ <a href="#">ADDS-12273</a> ]	27
13.4.16	CV ADDOffline Sync [ <a href="#">ADDS-12164</a> ]	27
13.4.17	CV ADDOffline Conversion Sync [ <a href="#">ADDS-11917</a> ]	27
13.4.18	Conversion Catalogue Res/Offset Filter [ <a href="#">ADDS-11701</a> ]	27
13.4.19	BusAdp MDX Limits [ <a href="#">ADDS-11614</a> ]	27
13.4.20	CMP++ Empty Interface [ <a href="#">ADDS-11339</a> ]	27
13.4.21	State Change Responsible Info [ <a href="#">ADDS-11334</a> ]	27
13.4.22	Prj-Context Ref Info [ <a href="#">ADDS-10981</a> ]	27
13.4.23	System Culture Errors [ <a href="#">ADDS-11430</a> ]	27
13.4.24	ADDOffline Uninstall Shortcut [ <a href="#">ADDS-10291</a> ]	27

---

13.4.25	Prj Check Missing CT <a href="#">[ADDS-12063]</a>	27
13.4.26	Case-Sensitive CT Name <a href="#">[ADDS-13208]</a>	27
13.4.27	Buggy Snapshot CsAdp <a href="#">[ADDS-13234]</a>	28
13.4.28	ADD User Search <a href="#">[ADDS-13251]</a>	28
<b>13.5</b>	<b>ADDAdapter</b>	<b>28</b>
13.5.1	ADDAdapter GetLimits <a href="#">[ADDS-12724]</a>	28
<b>13.6</b>	<b>DDX HighLevel</b>	<b>28</b>
<b>14</b>	<b><i>No longer supported features</i></b>	<b>29</b>
14.1	SW-Net <a href="#">[ADDS-14777]</a>	29
<b>15</b>	<b>Questions?</b>	<b>29</b>

## 1 Purpose and scope

This document describes the improvements and changes of ADD V19.1 compared to V14.3

## 2 What's new in Version V19.1.R1?

### 2.1 Highlights

-

### 2.2 New Features, Major Improvements

#### 2.2.1 CMP Interface Inheritance (Optional) [[ADDS-15086](#)]

Allow manual specification inherited Composition Interface settings and check validity of the interface specification.

### 2.3 Minor Improvements / Correction of Bugs

#### 2.3.1 InitValues 1/x - Conversion [[ADDS-14919](#)]

Issues related to an Init Value error for DataObjects referencing a 1/x RationalFunction Conversion fixed.

### 2.4 ADDAdapter

-

### 2.5 DDX HighLevel

-



## 3 What's new in Version V19.1.R0?

### 3.1 Highlights

#### 3.1.1 NCheck Catalog RegEx [\[ADDS-14534\]](#)

Allow usage of regular expressions for VIT NCheck Catalogs.

#### 3.1.2 Diagnostic Attributes [\[ADDS-14179\]](#)

Introducing new attributes for DataObjects of type "DiagIDX".

#### 3.1.3 MaxRef/AccFreq TimePeriods [\[ADDS-13077\]](#)

Restrict the usage of TimePeriods either for MaxRefresh and/or AccessFrequency.

### 3.2 New Features, Major Improvements

#### 3.2.1 StructMember SW-BaseType [\[ADDS-14625\]](#)

Allow free setting of Software BaseTypes for StructMembers.

#### 3.2.2 Basic DS Project Resolution [\[ADDS-14213\]](#)

List reason of deactivation for Basic DataSpaces elements within the appropriate Project tab.

#### 3.2.3 Supplier Interface VarSel [\[ADDS-14199\]](#)

List Project also relevant DataVariant VariantSelector elements within the Supplier Interface tab.

#### 3.2.4 Supplier Interface CTs [\[ADDS-14197\]](#)

List only interface-element related CustomTags within the Supplier Interface Reference window.

#### 3.2.5 Prj Check 8 SC Conf.Packs [\[ADDS-14193\]](#)

Check SystemConstant configuration for Projects using Conf. Packages specific SC configurations.

#### 3.2.6 Conf. Pack Context Check [\[ADDS-14191\]](#)

Allow the Project Check of a Conf. Package of every Project Version.

#### 3.2.7 MemSec ProcessLocal [\[ADDS-12070\]](#)

Omit Memory Section setting for "Process Local" DataObject.

#### 3.2.8 Cnt Task Variant (Optional) [\[ADDS-6798\]](#)

Force creation of a new Container Variant when changing "Task" attribute of non-draft Container.

### 3.3 Minor Improvements / Correction of Bugs

#### 3.3.1 ADD NameChecker Read from DB [\[ADDS-14809\]](#)

In case of Database-NameChecker ignore local VITNameChecker.config.

### **3.3.2 StructType Lock [\[ADDS-14666\]](#)**

Support ADD "Lock"-feature on StructType (RecordTypes) elements.

### **3.3.3 StructMember Boolean [\[ADDS-14790\]](#)**

Allow usage of BaseType Boolean for StructType Member.

### **3.3.4 DOs Limit Handling [\[ADDS-14205\]](#)**

Issues related to invalid Limit settings (0...0) of DataObjects after referencing them within a Container fixed.

### **3.3.5 Optional Struct Online Inits [\[ADDS-14852\]](#)**

Issues related to lost initial values after applying new values to a Structure Member of type Online fixed.

### **3.3.6 ADD Minimize Dlg [\[ADDS-14755\]](#)**

Issues related to a crash of ADD when minimizing ADD sub-windows (e.g. Supplier Interface Ref-Window) fixed.

### **3.3.7 BusAdp Signal Limits Import [\[ADDS-14726\]](#)**

Issues related to missing Limit values for Bus-Signals imported from a \*.dbc - file fixed.

### **3.3.8 Unused Cnt CodVars [\[ADDS-13461\]](#)**

Issues related to unused CodeVariant references within a Container fixed.

### **3.3.9 StructType Sync [\[ADDS-13357\]](#)**

Issues related to a crash of ADD when synchronizing Structs fixed.

### **3.3.10 ADDOffline Conversion Catalogue [\[ADDS-12781\]](#)**

Issues related to a crash of ADD when synchronizing Conversions with Catalogue attribute fixed.

### **3.3.11 StructInstance InitValue [\[ADDS-11806\]](#)**

Issues related to an error when changing the StructType (RecordType) of a StructInstance with specified Initial Values fixed.

### **3.3.12 Available Container Control [\[ADDS-8344\]](#)**

Issues related to an erroneous behaviour of the "Get Data Object from another Container..." - control "Available Container Names" fixed.

### **3.3.13 DDX Schema-Change [\[ADDS-6128\]](#)**

ID-Prefix of LogicalBits in DDX changed from "DO." to "DD."

### **3.3.14 Dep. SC BaseType Check [\[ADDS-2200\]](#)**

Message for Dependent SystemConstant - BaseType Check elaborated.

### **3.3.15 Object Name Check [\[ADDS-1205\]](#)**

Message for duplicate name check of Container/Composition/Conf.Packages/Projects fixed.

---

### **3.3.16 VIT NCheck API Access [[ADDS-15229](#)]**

Issues related to an error when accessing VIT NCheck via API fixed.

### **3.3.17 Search Supplier Interface [[ADDS-15169](#)]**

Issues related to a crash of ADD when trying to export the search result of the Supplier Interface Search window fixed.

### **3.3.18 Conversion Catalog Mgmt [[ADDS-15159](#)]**

Issues related to a crash of ADD when opening the Conversion Catalog Management windows fixed.

## **3.4 ADDAdapter**

-

## **3.5 DDX HighLevel**

-

## 4 What's new in Version V14.3.R2?

### 4.1 Highlights

-

### 4.2 New Features, Major Improvements

#### 4.2.1 Frozen Check Performance [[ADDS-14860](#)]

General enhancement of ADD Project "Lib-Freeze".

### 4.3 Minor Improvements / Correction of Bugs

#### 4.3.1 STRING Conversion Sync [[ADDS-14919](#)]

Issues related to multiple version creations of the same STRING Conversion during ADD Offline Sync fixed.

#### 4.3.2 AutoDisconnect ADD/PACES [[ADDS-13271](#)]

Consider Re-Connect and AutoDisconnect Feature in ADD also for an active PACES connection.

#### 4.3.3 Offline Conversion Catalog [[ADDS-14759](#)]

Issues related to crash of ADD Offline when using Conversion Catalogs fixed.

### 4.4 ADDAdapter

-

### 4.5 DDX HighLevel

-

## 5 What's new in Version V14.3.R0?

### 5.1 Highlights

#### 5.1.1 Show Cmp Scope Refs [[ADDS-12100](#)]

Allow usage of Composition Scope within the ADD "Show References" Dialogue.

#### 5.1.2 Struct SC-Refs [[ADDS-14366](#)]

Allow the usage of SystemConstant References for Struct Objects.

#### 5.1.3 CIL Container Runnabels [[ADDS-13944](#)]

Introducing Runnables Feature for ADD special Container of type CIL.

#### 5.1.4 New VIT Name-Checker "NCheck" [[ADDS-13859](#)]

Introducing the new redesigned and refactored Visu-IT Name-Checker "NCheck".

#### 5.1.5 New VDM Cross Reference [[ADDS-14265](#)]

Introducing the "Cross Reference View" for the new VDM.

#### 5.1.6 SC Init-Values [[ADDS-13872](#)]

Support of SystemConstant as Init-Values.

### 5.2 New Features, Major Improvements

#### 5.2.1 Last CR [[ADDS-12105](#)]

Allow quick re-usage of the last used ChangeRequest for an ADD object.

### 5.3 Minor Improvements / Correction of Bugs

#### 5.3.1 LOCAL DOs in Composition [[ADDS-13683](#)]

Issues related to a faulty check result of LOCAL DataObjects within a Composition fixed.

#### 5.3.2 Runnable DataAcces Change [[ADDS-14514](#)]

Issues related to an error when changing the DataAccess of an existing Runnable fixed.

#### 5.3.3 Prj/ConfPack Ref-Check [[ADDS-14379](#)]

Issues related to a misleading references check result message for Projects and Conf. Packages fixed.

#### 5.3.4 ADDOffline x86 Installation [[ADDS-14140](#)]

Issues related to an error when trying to install ADDOffline x86 on a 32bit OS fixed.

#### 5.3.5 Cmp Interface Local [[ADDS-13693](#)]

Issues related to a reset of the Composition Interface Classification fixed.

### 5.3.6 Replace DO Refs [[ADDS-13691](#)]

Issues related to an abortive "Replace Dataobject in all references" process run fixed.

### 5.3.7 CR Cmp Sync [[ADDS-13374](#)]

Issues related to an abortive Composition Sync process run when using ChangeRequest Feature fixed.

### 5.3.8 ADDOffline CIL Connection Remark [[ADDS-9289](#)]

Issues related to the missing Remark of CIL Connection elements during DDX Export in ADDOffline fixed.

### 5.3.9 ADD Offline Sync Error [[ADDS-14541](#)]

Issues related to an error of the ADD Offline Sync with activated PACES feature fixed.

### 5.3.10 ArraySize SC- StringConversion (Optional) [[ADDS-14069](#)]

Allow the usage of SystemConstant with STRING Conversions as ArraySize references.

## 5.4 ADDAdapter

-

## 5.5 DDX HighLevel

-

---

## 6 What's new in Version V14.2.R6?

### 6.1 Highlights

-

### 6.2 New Features, Major Improvements

#### 6.2.1 CMP Interface Inheritance (Optional) [[ADDS-15086](#)]

Allow manual specification inherited Composition Interface settings and check validity of the interface specification.

### 6.3 Minor Improvements / Correction of Bugs

#### 6.3.1 Runnable CNT Variant [[ADDS-14514](#)]

Issues related to a faulty check result of LOCAL DataObjects within a Composition fixed.

#### 6.3.2 Frozen Check Performance [[ADDS-14860](#)]

General enhancement of ADD Project "Lib-Freeze".

### 6.4 ADDAdapter

-

### 6.5 DDX HighLevel

-

## 7 What's new in Version V14.2.R5?

### 7.1 Highlights

-

### 7.2 New Features, Major Improvements

#### 7.2.1 Optional RAM Struct Init-Value [[ADDS-14414](#)]

Allow optional setting of Init - Values for RAM Structures.

### 7.3 Minor Improvements / Correction of Bugs

#### 7.3.1 Multi Select Delete DOs [[ADDS-14530](#)]

Performance issues related to the deletion DataObjects via Multi - Selection fixed.

#### 7.3.2 LOCAL DOs in Composition [[ADDS-13683](#)]

Issues related to a faulty check result of LOCAL DataObjects within a Composition fixed.

### 7.4 ADDAdapter

-

### 7.5 DDX HighLevel

-



## 8 What's new in Version V14.2.R4?

### 8.1 Highlights

-

### 8.2 New Features, Major Improvements

-

### 8.3 Minor Improvements / Correction of Bugs

#### 8.3.1 CIL Container Prj Ref [[ADDS-14201](#)]

Issues related to losing CIL Container references within a Project when using PACES in ADD fixed.

#### 8.3.2 CIL Container Prj Variant [[ADDS-14371](#)]

Issues related to a PACES error when creating a new Variant of Project containing a CIL Container.

#### 8.3.3 Multiple DO Name Search [[ADDS-14277](#)]

Issues related to an erroneous evaluation of a comma separated Data Object Name list within the DO Search Dialogue when using the "Automatically with Like" option fixed.

#### 8.3.4 Supplier Interface Search [[ADDS-14285](#)]

Issues related to exceptions in ADD when using the "Search for Supplier Interface References" feature on Projects fixed.

### 8.4 ADDAdapter

-

### 8.5 DDX HighLevel

-

## 9 What's new in Version V14.2.R2?

### 9.1 Highlights

-

### 9.2 New Features, Major Improvements

-

### 9.3 Minor Improvements / Correction of Bugs

#### 9.3.1 ADD-PACES Handling [[ADDS-13980](#)]

Issues related to an error when creating a new Composition and an unstable PACES Connection fixed.

#### 9.3.2 STD/FIX-Map Sync [[ADDS-13992](#)]

Issues related to an erroneous ADDOffline Sync process run of STD/FIX -Maps/Curves fixed.

#### 9.3.3 ADDSync Optional MaxRef/AccFreq [[ADDS-12400](#)]

Issues related to the consideration of the deactivated attributes MaxRefresh/AccessFrequency during the ADD Offline Sync process fixed.

#### 9.3.4 BusAdp Snapshot Handling [[ADDS-14020](#)]

Issues related to an erroneous check and reference-information display for BusAdps based on a Snapshot fixed.

#### 9.3.5 BusAdp Supplier-Interface [[ADDS-14071](#)]

Issues related to erroneously missing elements in the Supplier-Interface of a Project containing a BusAdp fixed.

#### 9.3.6 BusAdp Prj Scope Ref Search [[ADDS-14073](#)]

Issues related to an Out-Of-Memory exception and an erroneous representation of active DataObjects during the Reference Search in the Project Scope for BusAdp Container fixed.

### 9.4 ADDAdapter

-

### 9.5 DDX HighLevel

-

## 10 What's new in Version V14.2.R0?

### 10.1 Highlights

#### 10.1.1 DB Maintenance [[ADDS-13154](#)]

Introducing the Database Maintenance management mode in ADD in order to lock the database and inform all clients prior to the migration of database to a newer version.

#### 10.1.2 AUTOSAR SequenceNeed Support [[ADDS-12067](#)]

Introducing AUTOSAR feature "SequenceNeed" in order to allow the scheduling of "Runnables" in ADD.

#### 10.1.3 CMP++ Action Support [[ADDS-12744](#)]

Support ADD Action objects as Composition++ Interface elements.

#### 10.1.4 Optional Struct Online Init-Value [[ADDS-12740](#)]

Allow optional setting of Structure Online Init - Values.

#### 10.1.5 CIL Connection Search [[ADDS-11508](#)]

Search and add CIL Connection elements from the database including Source & Target DataObjects.

#### 10.1.6 New VDM BusAdp Support [[ADDS-11233](#)]

Introducing new Visual Data Modeler (VDM NEW) in ADD; support of special Container BusAdp.

#### 10.1.7 BusAdp Defintion Import [[ADDS-8383](#)]

Import and handle Conversion, Limits and Physical Units of BusAdp Signals.

#### 10.1.8 CIL Container MDX Export (Optional) [[ADDS-12068](#)]

Allow MDX Export of CIL Container information in ADD.

### 10.2 New Features, Major Improvements

#### 10.2.1 DO NameChecker LongName (Optional) [[ADDS-13152](#)]

Confirmation to overwrite an existing DataObject LongName with the appropriate NameChecker LongName added.

#### 10.2.2 Cmp++ Interface Attribute (Optional) [[ADDS-13150](#)]

General adaption regarding restrictions to change attributes of a Composition++ Interface element.

#### 10.2.3 AccessMode Queued Value (Optional) [[ADDS-12742](#)]

New value "Queued" added to attribute "AccessMode".

#### 10.2.4 User Information Display (Optional) [[ADDS-12106](#)]

Customize display of User Name Information (Login, User Name, eMail).

### **10.2.5 Cmp TakeOver** [[ADDS-12103](#)]

Confirmation to overwrite a Composition reference with a different Composition version removed.

### **10.2.6 Basic DS Project Resolution** [[ADDS-11570](#)]

Consider and display CodeVariant & CodeSharing condition settings of Basic DataSpaces elements within the appropriate Project tab.

### **10.2.7 Lib Freeze Check (Optional)** [[ADDS-12849](#)]

Do not list inactive elements within the Project "Lib Freeze Check".

### **10.2.8 ADD DB Reconnect** [[ADDS-12799](#)]

Reconnect mechanism enhanced in order to detect a locked database or changed credentials during process run.

### **10.2.9 Prj Input/Local Check** [[ADDS-2998](#)]

Introducing new Project Check "Input/Local".

## **10.3 Minor Improvements / Correction of Bugs**

### **10.3.1 ADD GUI Sync Button** [[ADDS-12488](#)]

Legacy ADD Synchronization Button removed from ADD Offline GUI.

### **10.3.2 DO Keyword Search** [[ADDS-12315](#)]

Allow options "Automatically With Like" and "Match Case" also in case of comma separated keyword search for DataObjects.

### **10.3.3 CNT Check 6 Name (Optional)** [[ADDS-6258](#)]

Adjust Container Check No. 6 based on the AccessFreq/Taks feature.

### **10.3.4 ADD Offline Cmp++ Info** [[ADDS-13733](#)]

Issues related to a non loadable DDX file containing Composition++ CustomTags of type INFO in ADDOffline fixed.

### **10.3.5 DO/ENUM State Change** [[ADDS-13590](#)]

Issues related to ENUM Status error when changing the Status of referenced DataObject fixed; mandatory change of Status for a referenced ENUM element removed.

### **10.3.6 CMP++ Interface View (Optional)** [[ADDS-13501](#)]

Default filter settings for Composition++ Interface elements of classification INPUT changed.

### **10.3.7 ADD UI GridSplitter** [[ADDS-13392](#)]

Issues related to a crash of ADD when using the splitter control in ADD User Interface (e.g. expand width of the Treeview section) fixed.

### **10.3.8 Action Reorder** [[ADDS-13679](#)]

Issues related to erroneous reorder mechanism for Action Parameters fixed.

### **10.3.9 Struct Container Check [\[ADDS-13622\]](#)**

Issues related to an exception when running the Check on a Container containing Struct Instances fixed.

### **10.3.10 VITNameBuilder Name Rebuild [\[ADDS-13544\]](#)**

Issues related to an erroneous rebuild of a given DataObject name via VITNameBuilder/Checker fixed.

### **10.3.11 ADD GUI Settings [\[ADDS-13494\]](#)**

Issues related to missing ADD User Interface data settings within the Windows Registry fixed.

### **10.3.12 ConsistencyGroup RAM Struct [\[ADDS-13492\]](#)**

Issues related to a non-assignable ConsistencyGroup for Structs of Memory Type RAM fixed.

### **10.3.13 Table View Filter [\[ADDS-13301\]](#)**

Issues related to an erroneous display of the active column filter setting fixed.

### **10.3.14 STD Axis MDX Export [\[ADDS-13156\]](#)**

Issues related to an erroneous Category value for STD Axis within the ADD MDX Export fixed.

### **10.3.15 CsAdp DDX-Export [\[ADDS-12750\]](#)**

Issues related to an invalid DDX export of the special Container CsAdp fixed.

### **10.3.16 Prj Supplier Interface Export [\[ADDS-12703\]](#)**

Issues related to a partial Container information within the Project Supplier Interface export file fixed.

### **10.3.17 ADDOffline DO Rename [\[ADDS-12701\]](#)**

Issues related to non-functional rename process of a DataObject in ADDOffline fixed.

### **10.3.18 ADD ProcessLocal Control [\[ADDS-11839\]](#)**

Issues related to the erroneously active ADD GUI control "ProcessLocal" fixed.

### **10.3.19 ADDOffline CIL Connection Remark [\[ADDS-9289\]](#)**

Issues related to the missing Remark of CIL Connection elements during DDX Export in ADDOffline fixed.

### **10.3.20 ADD GUI DPI [\[ADDS-13785\]](#)**

Issues related to a crash of ADD when opening the DO Search window using Windows DPI setting greater than 100% fixed.

### **10.3.21 ADD Menu Item Handling [\[ADDS-13951\]](#)**

Issues related to an insufficient performance of the ADD Menu item display within an ADD Container fixed.

## **10.4 ADDAdapter**

-

## **10.5 DDX HighLevel**

-



## 11 What's new in Version V14.1.R2?

### 11.1 Highlights

-

### 11.2 New Features, Major Improvements

-

### 11.3 Minor Improvements / Correction of Bugs

#### 11.3.1 Axis Online-Ref TakeOver [[ADDS-13457](#)]

Issues related to a non-adapted Unit for Onlines used as Axis references fixed.

#### 11.3.2 Composition Interface [[ADDS-13579](#)]

Issues related to an erroneous listing of Elements for Composition Interface fixed.

#### 11.3.3 Composition Check Window Size [[ADDS-13586](#)]

Issues related to a crash of ADD when downsizing the Composition Check window fixed.

#### 11.3.4 ADD Performance [[ADDS-13470](#)]

General enhancement of the ADD Performance.

### 11.4 ADDAdapter

#### 11.4.1 ADDAdapter GetLimits [[ADDS-13478](#)]

Issues related to a "null" return when using GetLimits for LOCAL Onlines and EmbeddedAxis DataObjects fixed.

### 11.5 DDX HighLevel

-

## 12 What's new in Version V14.1.R1?

### 12.1 Highlights

-

### 12.2 New Features, Major Improvements

#### 12.2.1 CMP Interface Inheritance (Optional) [[ADDS-9920](#)]

Allow inheritance of Composition Interface settings in superordinate Compositions.

### 12.3 Minor Improvements / Correction of Bugs

#### 12.3.1 DO TableView Role Assignment [[ADDS-13286](#)]

Issues related to a crash of ADD when trying to assign Roles to the current ADD User within the DO TableView fixed.

#### 12.3.2 DO TableView DataTypeByUnit Filter [[ADDS-13282](#)]

Issues related to invalid DataType proposals when when manipulating attribute SWDataType via DO TableView and activated ADD Feature "EnhanceBaseDataTypeByUnit" fixed.

#### 12.3.3 DO TableView Status Fixed (Optional) [[ADDS-13411](#)]

Issues related to errors during the change of Status for DataObjects within the DO TableView fixed.

#### 12.3.4 Special Characteristics Ref [[ADDS-13406](#)]

Issues related to a non-functional reference listing of Data Objects link within the Special Characteristic Calibration control fixed.

### 12.4 ADDAdapter

#### 12.4.1 ADDAdapter JAVA Instance [[ADDS-13365](#)]

Issues related to a class error when trying to create an instance of the JAVA ADDAdapter object fixed.

### 12.5 DDX HighLevel

-



## 13 What's new in Version V14.1.R0?

### 13.1 Highlights

#### 13.1.1 STRING Conversion Import/Export [[ADDS-12066](#)]

Import/Export STRING Conversion values from/as \*.xlsx.

#### 13.1.2 Calib Special Characteristics [[ADDS-12030](#)]

Introducing new attribute Special Characteristics for Calibration Data within the Container context..

#### 13.1.3 AUTOSAR Client-Server SystemEvents [[ADDS-11675](#)]

Introducing AUTOSAR Client-Server-SystemEvents concept to ADD.

#### 13.1.4 DO ListView Handling [[ADDS-11278](#)]

Allow attribute manipulation within the ADD DataObject ListView control.

#### 13.1.5 Struct Init Data Import/Export [[ADDS-12107](#)]

Allow the import/export of Initial Data for DataObjects of type StructureInstance.

### 13.2 New Features, Major Improvements

#### 13.2.1 List-View Multi-Selection [[ADDS-12242](#)]

Allow editing via multi-selection within the ADD DataObject ListView control.

#### 13.2.2 CMP++ Interface Info [[ADDS-12102](#)]

General enhancement of the Composition++ handling in order to enrich the information regarding the Interface elements.

#### 13.2.3 ADD Unit Quick Selection [[ADDS-12072](#)]

General enhancement for "Quick Selection" feature within ADD Unit Combobox.

### 13.3 Minor Improvements / Correction of Bugs

#### 13.3.1 BusAdp Import (Optional) [[ADDS-12328](#)]

General enhancement of the BusAdp import in ADD.

#### 13.3.2 BusAdp Version Handling [[ADDS-12327](#)]

Allow creation of version branches for special Container BusAdp.

#### 13.3.3 Missing Ref Check Log-Level [[ADDS-11945](#)]

New log-level "Warning" added to Project/Container - Checke "References Check".

#### 13.3.4 DO Limit Handling (Optional) [[ADDS-11906](#)]

General enhancement of the handling for DataObject attribute "Limit".

## 13.4 Blocker and Critical Bugs

### 13.4.1 Composition Local Check [[ADDS-12857](#)]

Issues related to an erroneous check result for out-dated Composition Local Data Objects fixed.

### 13.4.2 Prj Check 8 SC Memory [[ADDS-12779](#)]

Issues related to an invalid result of Project Check No. 8 for SystemConstants formerly contained within a referenced ConfPackage fixed.

### 13.4.3 ImpADD [[ADDS-12515](#)]

Bugfix - Duplicate MaxRefresh entities are reused correctly when the option UseMaxRefresh4OnlineUpdate is activated.

### 13.4.4 Obsolete Connection Handling [[ADDS-12472](#)]

Issues related to the handling of "Obsolete" CIL Connection objects fixed.

### 13.4.5 Composition Interface Classification [[ADDS-12446](#)]

Issues related to an erroneous Classification setting for Composition Interface elements using Composition Interface Default configuration fixed.

### 13.4.6 Oracle FetchSize OOM [[ADDS-12243](#)]

Issues related to an Out-of-Memory exception in ADD when using Oracle Client feature FetchSize fixed.

### 13.4.7 Environment Variable [[ADDS-13063](#)]

Suffix "." removed from system environment variable "ADDOFFLINE\_PATH".

### 13.4.8 Whitespace Difference [[ADDS-12868](#)]

Display white-space differences of String values within the ADD Differences window.

### 13.4.9 CV Sync Handling [[ADDS-12734](#)]

Conflict handling of DataObjects/MappingObjects with CodeVariante settings during ADD Offline Sync process enhanced.

### 13.4.10 ADD Timeout [[ADDS-12695](#)]

Issues related to a crash of ADD when trying to close the process after a ADD/DB timeout fixed.

### 13.4.11 InitValues Struct-STD-Map [[ADDS-12667](#)]

Issues related to non-applied Initial Values for Struct members of Typ STD-Map fixed.

### 13.4.12 Get All StructType [[ADDS-12601](#)]

Issue related to a crash of ADD when using the "Get All" functionality within the Struct Type Management - search window fixed.

### 13.4.13 Control Layout [[ADDS-12572](#)]

Issues related to an erroneous displaying of control elements within the ADD Container content window fixed.

**13.4.14 Copy/Paste CT Control [\[ADDS-12423\]](#)**

Issues related to copy/paste problems within the ADD CustomTag control fixed.

**13.4.15 LibFreeze Memory [\[ADDS-12273\]](#)**

Issues related to the storage of LibFreeze information after changing the Project status to "fixed"/"simfixed" fixed.

**13.4.16 CV ADDOffline Sync [\[ADDS-12164\]](#)**

Issues related a non apply-able CodeVariante Take-Over during ADDOffline Sync fixed.

**13.4.17 CV ADDOffline Conversion Sync [\[ADDS-11917\]](#)**

Issues related to an error during ADDOffline Sync when synchronizing Conversion with Remark differences fixed.

**13.4.18 Conversion Catalogue Res/Offset Filter [\[ADDS-11701\]](#)**

Issues related to an invalid Resolution/Offset filter result for Conversion when using ADD Conversion Catalogue feature fixed.

**13.4.19 BusAdp MDX Limits [\[ADDS-11614\]](#)**

Always export the full range Limit values for BusAdp DataObjects within the MDX export.

**13.4.20 CMP+ + Empty Interface [\[ADDS-11339\]](#)**

Issue related to an empty interface list for Composition+ + elements with non-Draft status fixed.

**13.4.21 State Change Responsible Info [\[ADDS-11334\]](#)**

Issues related to displaying of a non related ADD User as element Responsible within the ADD State Change Info windows fixed.

**13.4.22 Prj-Context Ref Info [\[ADDS-10981\]](#)**

Issues related to an erroneous style display of Project Interface elements within the ADD Reference window fixed.

**13.4.23 System Culture Errors [\[ADDS-11430\]](#)**

Issues related to errors/crashes when using ADD on an OS with culture setting Turkish fixed.

**13.4.24 ADDOffline Uninstall Shortcut [\[ADDS-10291\]](#)**

Issues related to still existing ADDOffline Desktop/Start Menu shortcuts after uninstalling ADDOffline fixed.

**13.4.25 Prj Check Missing CT [\[ADDS-12063\]](#)**

Issues related to erroneous listing of DataObjects with missing CustomTags in Project Check No. 2 & 3 of CsAdp interface elements fixed.

**13.4.26 Case-Sensitive CT Name [\[ADDS-13208\]](#)**

Issues related to a crash of ADD when working with a database containing multiple CustomTags differing in case-sensitive names only fixed.

#### **13.4.27 Buggy Snapshot CsAdp [[ADDS-13234](#)]**

Issues related to an incorrect configuration of the CsAdp - CustomTags in status "Buggy" compared to the snapshot - view of the appropriate CsAdp Version fixed.

#### **13.4.28 ADD User Search [[ADDS-13251](#)]**

Issues related to an empty result list when searching for an ADD User (e.g. within DO Cleanup) with ADD User Group feature activated fixed.

### **13.5 ADDAdapter**

#### **13.5.1 ADDAdapter GetLimits [[ADDS-12724](#)]**

Issues related to a "null" return when using GetLimits for CIL Mapping Connections having "LOCAL" Source/Target references fixed.

### **13.6 DDX HighLevel**

-

## 14 No longer supported features

### 14.1 SW-Net [[ADDS-14777](#)]

Software Net ([ADDS-112](#)) feature and all its subsequent features will not be supported any longer in ADDS toolchain.

## 15 Questions?

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

### ADD Hotline

Tel.: +49 (0)941 – 49082-16  
email: [hotline@visu-it.com](mailto:hotline@visu-it.com)



### ADD Product page

Internet: <https://www.visu-it.de/add>