

# PcVue

# Release Notes



## PcVue 15 Release Notes

Last modification date : 02/02/2021

Document revision : 1.0

Content of the document : This document contains information about changes in PcVue 15 Maintenance Releases. It includes information for version 15.0.1, the first v15 Maintenance Release.

See the Readme file for summary information about new features and system requirements.

Note to readers:

SPR or Software Problem Report refers not only to problems, but also to improvements requested by customers and partners. Only new features and major evolutions are not subject to SPR references. Issues found during version qualification and field tests are not mentioned unless they were present in a previous version and are significant. In the same way, software feature improvements made during software source-code maintenance phases by the R&D teams are not subject to SPR.

Items marked as *Upgrade* indicate a modification requiring particular attention when upgrading a project. Please refer to the online help for more detailed information about new features, programming language syntax...

# PcVue

## Release Notes



### Summary

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## Version 15.0.1 Release (15.0.01900)

### 1. Fixes

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<b>MQTT publisher Add-on - Incorrect error code (SPR #68612)</b>	<b>Add-ons and Tools</b>
For an out-of-bounds register value, error code 1 was sent as part of the published message instead of error code 133 or 134.	
<b>Masked alarm reappearing after passive server restart (SPR #68378)</b>	<b>Alarms</b>
Under some circumstances, saved alarms were incorrectly reloaded when a passive server was restarting. Specifically, their saved "masked" status could be corrupted and triggered reappearance or disappearance of alarms upon a restart.	Other versions: 12.0.20 Release
<b>Fatal error on variable update (SPR #67987)</b>	<b>Communication interfaces.OPC Server</b>
Under some circumstances, a fatal error could occur upon update of a variable by an OPC client connected to the OPC Server if the configuration of the type was incorrect.	Other versions: 11.2.06098
<b>Incorrect attribute configuration for log lists</b>	<b>Configuration Environments.Application Architect</b>
The default attributes to record for a log list were set to empty instead of #@A1,#@A2 for proprietary, ODBC and free archive unit types.	
<b>Could not delete HDS database</b>	<b>Configuration Environments.Application Explorer</b>
Since version 15.0.0, it was no longer possible to delete the last configured database of a project.	
<b>SG-OPC - Incorrect server after synchronization (SPR #68454)</b>	<b>Configuration Environments.Smart Generators</b>
Under some circumstances, an incorrect server was set after an import synchronization. The issue occurred when multiples servers were configured and the selected server was different from the first one.	Other versions: 12.0.20 Release
<b>SG-TwinCAT - Fatal error when importing .tpy file (SPR #68659)</b>	<b>Configuration Environments.Smart Generators</b>
A fatal error occurred when importing a .tpy file due an infinite loop while parsing an improper configuration with recursive properties in data type definitions.	
<b>Fatal error on device disconnection (SPR #68291)</b>	<b>Data Acquisition.IEC 61850</b>
Under some circumstances, a fatal error could occur upon device disconnection.	Other versions: 11.2.06098
<b>Fatal error on passive server (SPR #68426)</b>	<b>Data Acquisition.IEC 61850</b>
A fatal error could occur when stopping a passive server due to pending reports not deleted correctly.	Other versions: 12.0.20 Release
<b>Report groups disabled (SPR #68460)</b>	<b>Data Acquisition.IEC 61850</b>
Under some circumstances, a report group was disabled after receiving a report that had the buffer overflow flag set.	Other versions: 12.0.20 Release

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<b>Fatal error when writing an SNMP variable (SPR #68479)</b>	<b>Data Acquisition.SNMP Manager</b> Other versions: 12.0.20 Release
Under some circumstances, a fatal error could occur when writing an SNMP variable.	
<b>Memory leak on errors (SPR #68511)</b>	<b>Data Acquisition.SNMP Manager</b> Other versions: 12.0.20 Release
Under some circumstances, a memory leak could occur when facing connectivity issues with devices refreshed by polling. Some polled read requests were not correctly freed after errors.	
<b>Trend export failed with Current period (SPR #68304)</b>	<b>Data Export</b>
Since version 15.0.0, trend export failed if set to export for the Current period.	
<b>Could not deploy a web site with multiple bindings (SPR #68301)</b>	<b>Deployment tools.Web Deployment Console</b>
It was not possible to deploy a web site with a mix of binding on IP address and binding on hostname.	
<b>Temporary license not recognized (SPR #68563)</b>	<b>General.Licensing</b>
An incorrect date was displayed when starting a project with a temporary license that was not yet active.	
<b>HDS not stopping (SPR #68314)</b>	<b>Historical data</b> Other versions: 12.0.20 Release
Under some circumstances, the HDS was not correctly stopped at project exit. The issue occurred after having added a new trend associated to a long update rate, and the project exit being triggered before the end of the first update period of the new trend.	
<b>Initial value of new variables not loaded (SPR #68578)</b>	<b>Networking</b> Other versions: 12.0.20 Release
When updating a project version on a passive server, newly created variables (in this project version) were not correctly initialized with their initial value after a server switchover.	
<b>Multiple active servers in a single active server association (SPR #68379)</b>	<b>Networking</b> Other versions: 12.0.20 Release
In a single active server historical association, multiple servers could be active simultaneously when started at the same time or after a network failure.	
<b>Fatal error with expressions (SPR #68534)</b>	<b>Real time data</b>
A fatal error occurred upon change of value of the Enabling bit of an expression that did not comprise any variable as part of the expression.	
<b>Instruction FOPEN - Fatal error with unknown access mode (SPR #68097)</b>	<b>Scripting.SCADA Basic</b> Other versions: 12.0.20 Release
A fatal error could occur when using the instruction FOPEN with an unexpected access mode argument.	
<b>Instruction WINDOW mode CLOSEALL - Mimics close failed (SPR #68639)</b>	<b>Web Server Extensions.WebVue</b> Other versions: 12.0.20 Release
The SCADA Basic instruction WINDOW mode CLOSEALL was not working properly in a web context. Some mimics could fail to close and remained open.	

## 2. Critical fixes

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**Several fixes in the IEC 61850 client driver (SPR #68689, 68649, 68638, 68600, 68521, 68519)** **Data Acquisition.IEC 61850**

The list of fixes includes:

- Fatal error upon loss of connection to a device configured with reports,
- Fatal error upon receiving an error from a device when using the file transfer services (empty source folder).

In addition, when using redundant data acquisition servers:

- Variable values were not correctly refreshed when an RCB was configured without GI,
  - Fatal error when stopping a redundant RCB if the dataset no longer existed in the configuration (typically occurred upon stopping a device),
  - Fatal error of both passive and active servers when stopping an active server.
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## 3. Installation

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**Add-on Command ICX**

**Add-ons and Tools**

New Add-on to interface with Command ICX intercom systems.

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## 4. Security

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**OpenSSL library updated**

**Security**

The OpenSSL library has been updated to version 1.1.1i (8-Dec-2020).

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## 5. Other fixes & enhancements

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SPR #68450

Other versions: 12.0.20 Release

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## Version 15.0.0 Release (15.0.00902)

### 1. Installation

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#### Timestamping server for Authenticode signature (SPR #68507)

Change of the timestamping server used for Authenticode signature of installation packages and binary files.

The trust chain of the new timestamping server is attached to the following root certificate:

- Friendly name: DigiCert
- Serial number: 0ce7e0e517d846fe8fe560fc1bf03039
- Common name: DigiCert Assured ID Root CA
- Valid from : Friday, November 10, 2006 1:00:00 AM
- Valid to : Monday, November 10, 2031 1:00:00 AM

Make sure this certificate is in the list of trusted certificates.

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#### Installation

Other versions: 12.0.20 Release,  
11.2.06098

## Known Issues

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### Supported operating systems for the KNX Add-on (SPR #68507)

The KNX add-on is only supported on the following operating systems, with the exclusion of any virtual environment:

- Windows 7 SP1 (x64),
- Windows Server 2008 R2 SP1 (x64).

### Data Acquisition.KNX

15.0.0 Release

Other versions: 12.0.7 Release,  
11.2.05001

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### Supported operating systems for the LNS data acquisition driver (SPR #68507)

The LNS data acquisition driver is only supported on the following operating systems:

- Windows 7 SP1 (x64),
- Windows 8.1 (x64),
- Windows Server 2008 R2 SP1 (x64),
- Windows Server 2012 (x64).

### Data Acquisition.LNS

15.0.0 Release

Other versions: 12.0.7 Release,  
11.2.05001

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### [Fixed] Trend export fails with current period (SPR #68507)

Since version 15.0.0, trend export fails if set to export for the current period.

[Edit: Fixed in version 15.0.1]

### Data Export

15.0.0 Release

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### [Fixed] Cannot delete HDS database

Since v15.0.0, following an enhancement to better manage default items in the HDS archiving configuration (default DB, default table...), it is no longer possible to delete the last configured database.

[Edit: Fixed in version 15.0.1]

### General

15.0.0 Release

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