

# PCVUE 16 RELEASE NOTES

## ➤ SUMMARY:

This document contains information about changes in PcVue 16. It includes information for Maintenance Release 16.3.1.

Last update	05/09/2025
Revision	1.0
Confidentiality	<b>TLP:CLEAR</b>

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# 1. Maintenance Release 16.3.1 (16.3.01900)

## 1. Fixes

<b>Generation failure with a trend page</b> (SPR # 74327) Configuration generation failed if it included a trend page with an HDS trend.	<b>Configuration</b> <b>Environments &gt;</b> <b>Application Architect</b>
<b>UCS2 and UCS4 encoding</b> (SPR # 75496) When using UCS2 or UCS4 encoding, only alphanumeric latin characters were properly interpreted.	<b>Data Acquisition &gt;</b> <b>BACnet Client</b>
<b>Writing to an INT OR UINT property</b> (SPR # 75495) Writing a variable via a SCADA Basic script did not work if the variable was mapped to a BACnet property of type INT or UINT.	<b>Data Acquisition &gt;</b> <b>BACnet Client</b>
<b>Incorrect success message</b> (SPR # 73071) The Data export logged a trace 'generation succeeded' even when the HDS was not running or the database was disconnected. It now fails gracefully. The issue only affected data export when used with an HDS archive unit.	<b>Data Export</b> Also in: 15.2.12
<b>Support for non-latin characters</b> (SPR # 73553) Non-latin characters could not be used as part of a filter on Text extended attributes when configuring a log page.	<b>Data Export</b> Also in: 15.2.12
<b>Could not configure maintenance tasks</b> (SPR # 75305, 75258) When using the MSOLEDBSQL driver (as opposed to the SQLOLEDB driver), it was not possible to configure maintenance tasks of types Shrink, Defrag and Custom. Only tasks of types Export and Purge were available.	<b>Historical data</b>
<b>Several fixes &amp; enhancements</b> (SPR # 75234, 75233, 75119, 74908) The list of fixes & enhancements includes: <ul style="list-style-type: none"> <li>• Support for Push notification processing</li> <li>• Added check for unrecoverable dismiss</li> <li>• Fixed Http request with variables</li> <li>• Added notification click condition</li> <li>• Added ordering in FindInDatabase operation</li> <li>• Fixed validation issues with the Send email operation</li> <li>• Fixed ML pipeline and data conversion issues</li> <li>• Fixed fatal error when sending long UI messages</li> <li>• Fixed fatal error in MsGraph module</li> <li>• Fixed remove variable blocking issues</li> <li>• Fixed issues with file path resolution</li> <li>• Fixed DateTime parsing issues with Excel file operations</li> <li>• Added condition for Contextual User info</li> <li>• Fixed issues with the Counter operation initial value</li> <li>• Updates to Scheduler and MSGraph</li> <li>• Fixed hierarchical profiles issue</li> </ul>	<b>Instant Messaging &gt;</b> <b>SmartBot</b>
<b>Push client configuration format</b> (SPR # 75310) Under some circumstances, when using the Push notification feature, a fatal error of PcVue could occur upon user authentication via a mobile app. The issue was caused by formatting issues of the Push configuration file.	<b>Miscellaneous</b>
<b>Fatal error upon switchover</b> (SPR # 74467) Under some circumstances, a fatal error could occur on server switchover. The issue occurred with an association comprising more than 60 redundant servers.	<b>Networking</b>
<b>Fatal error when sending an SMS</b> (SPR # 75099) Under some circumstances, when an SMS contained non-latin characters or extended characters, a fatal error occurred.	<b>SMS and email</b>

<b>Context mimic would not open</b> (SPR # 75257) When a graphic element had a command animation and was support for opening a context mimic, the opening of the context mimic was not effective. The behavior on touch device remains unchanged.	<b>Web Server Extensions</b> > <b>WebVue</b>
<b>Map control regressions</b> (SPR # 75106, 75105) Under some circumstances, when using markers of type Symbol, comprising a mimic open animation, the symbols within the map control were no longer updated after having opened the mimic. In addition, popup mimics did not open at their configured position. These issues were regressions introduced in 16.2.5 and 16.3.0.	<b>Web Server Extensions</b> > <b>WebVue</b>
<b>Tooltips duplicated</b> (SPR # 75247) Under some circumstances, when using comments as tooltips in nested symbols and groups, tooltips were duplicated on the screen.	<b>Web Server Extensions</b> > <b>WebVue</b>
<b>Wrong click position</b> (SPR # 74987) Under some circumstances, when a clickable graphic element was small and the scale ratio high, the click could be executed for a wrong position. The click position calculation is changed for graphic elements with a height or width up to 15 px.	<b>Web Server Extensions</b> > <b>WebVue</b>

## 2. Critical fixes

<b>Pulse scheduled action never reset</b> (SPR # 74829, 74682, 74310) If a schedule was configured for a pulse command, the value was never reset. The issue was a regression introduced in 16.2.0.	<b>Miscellaneous</b>
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## 3. Enhancements

<b>Disable configRev verification</b> (SPR # 75171) It is now possible to disable the configRev verification at startup by activating a device property.	<b>Data Acquisition &gt; IEC 61850 Client</b>
<b>File name length for Csv</b> (SPR # 75109) The maximum length for the name of exported Csv files is now 260 (was 31).	<b>Data Export</b>
<b>Configurable font size</b> (SPR # 74213) The font size for the vertical scales can now be customized at design time.	<b>HMI &gt; Trend viewer</b>
<b>Improved binding</b> (SPR # 75161) If more than one binding is configured for the OAuth server, the binding with the same host name as the user used to access the WebScheduler is preferred (if it exists).	<b>WebScheduler</b>

## 4. Security

<b>Vulnerabilities in the client/server Networking</b> (SPR # 74711, 74710, 74709) The following vulnerabilities are fixed. They affect the TCP-based client/server Networking feature: <ul style="list-style-type: none"> <li>CVE-2025-9998 - Improper validation of packets sequencing - Affects all versions.</li> <li>CVE-2025-9999 - Improper validation of payload elements - Affects all versions.</li> </ul> See our <a href="#">Security alert page</a> for more information.	<b>Networking</b> Also in: 15.2.12, 12.0.31
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## 5. Other fixes & enhancements

SPR #75110, 75169, 75212, 75264, 75284, 75306, 75434	
SPR #75491	Also in: 15.2.12



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