

PAC Machine Edition

Version 11.0.73

Warnings and Caution Notes as Used in this Publication

WARNING

Warning notices are used in this publication to emphasize that hazardous voltages, currents, temperatures, or other conditions that could cause personal injury exist in this equipment or may be associated with its use.

In situations where inattention could cause either personal injury or damage to equipment, a Warning notice is used.

CAUTION

Caution notices are used where equipment might be damaged if care is not taken.

Note: Notes merely call attention to information that is especially significant to understanding and operating the equipment.

These instructions do not purport to cover all details or variations in equipment, nor to provide for every possible contingency to be met during installation, operation, and maintenance. The information is supplied for informational purposes only, and Emerson makes no warranty as to the accuracy of the information included herein. Changes, modifications, and/or improvements to equipment and specifications are made periodically, and these changes may or may not be reflected herein. It is understood that Emerson may make changes, modifications, or improvements to the equipment referenced herein or to the document itself at any time. This document is intended for trained personnel familiar with the Emerson products referenced herein. Emerson may have patents or pending patent applications covering subject matter in this document. The furnishing of this document does not provide any license whatsoever to any of these patents. Emerson provides the following document, and the information included therein as is and without warranty of any kind, expressed or implied, including but not limited to any implied statutory warranty of merchantability or fitness for particular purpose.

PAC Product Information

Product	Version
PAC Machine Edition A. ProPlus Development Suite B. Professional Development Suite C. Lite Development Suite D. Quick Panel CE Development Suite	11.0.73
View and Control	11.0.73

Revision History

Version	Date	Description
Version 11.0.73	Jul 2026	- Introduced QuickPanel+2 target support, enabling application development, deployment, and migration capabilities for next-generation QuickPanel+2 devices running Windows 10 IoT Enterprise 2021 LTSC on an ARM64 platform. - Retired Jr. QuickPanel, QuickPanel View, and QuickPanel Control target support from PME v11.0. Includes PACSystems Simulator v1.1. This new version of the simulator includes several bug fixes. Addresses Security Vulnerabilities. Vulnerabilities surrounding JRE and MSXML 4.0 have been addressed in this release. - Stability and performance enhancements - Multiple bug fixes. - Audit Trail made available to all users, not just those using PAC Change Management.

Version	Date	Description
Version 10.7.222	Mar 2026	• Windows 11 Support. Validated support for the following Windows 11 variants. For detail support information refer to the GFK-3245 – PAC Machine Edition, Change Management, and Productivity Suite System Requirements ○ Windows 11 Pro - Version: 25H2 ○ Windows 11 Enterprise - Version: 25H2 ○ Windows 11 Enterprise LTSC - Version: 2024 (24H2) ○ Windows 11 IoT Enterprise - Version: 25H2 ○ Windows 11 IoT Enterprise LTSC - Version: 2024 (24H2) • Removal of Folder Count Limit. The internal limit on the total number of folders in the Project Navigator has been removed. Previously, this limit applied only to the Project Navigator and did not affect other areas of the product (for example, Block Management limits folder nesting depth, not the number of folders). With this update, users can create folders without a predefined product limit. The only practical constraint is the available system memory. Once the application exhausts system memory, no additional folders can be created. This behavior reflects a natural system resource limitation rather than a product-imposed restriction.
Version 10.7.221	Sept 2025	• Autosave • Performance Improvements in the area of project validation and online operations • Data Monitor updates: ○ Save Data Monitor configuration data within PME projects ○ Save plotted to .csv format ○ Added Data Replay utility, which allows users to view and replay recorded data ○ Allow four binary axes to differentiate binary parameter data • 10.6 feature description has been updated to more properly reflect the change made to UDT element descriptions • Added new Advanced PID with Deadband block (ADV_PID_DB)

Version	Date	Description
Version 10.6.219	Nov 2024	- Added support for PACSystems™ Simulator, which allows users to test and validate logic for a PACSystems™ CPU without using controller hardware. - Updated the Data Monitor with a feature-rich plotting tool - Added support for GSDML 2.44 and 2.45 - Added ability to configure UDT for Windows PC Target. - Added enhancements for UDT descriptions <i>Note: Descriptions on instances of structure elements on Logic Developer targets come from the structure definition and are read-only on the instance. Change the definition of the structure to change the description.</i>
Version 10.5	Sep 2024	- Added functionality to configure PACSystems™ VersaMax SafetyNet System. - Multiple bug fixes.
Version 10.4.13	Jun 2024	Includes bug fixes related to member parameter configuration in the Process Blocks
Version 10.4	May 2024	- Introduces the COMPUTE block, which allows users to execute multiple mathematical expressions in one instruction. COMPUTE BLOCK support is limited to LD. - Improved support for GSDML 2.43 - Updated EGD Management Tool (EMT) - Introduces a feature to indicate whether users are in Admin mode
Version 10.2. 9762	Sep 2023	Updated to address installation issues from previous versions. Resolved further issues from v10.2.
Version 10.2	Jun 2023	Updated to reflect the changes in PME v10.2 and View and Control v10.2.
Version 10.1.9647	Apr 2023	Updated for the release of PME v10.1.9647 and View and Control v10.1.9647. Resolved further problems from v10.1.
Version 10.1	Feb 2023	Updated for the release of PME v10.1, PPS v10.1, PCM v10.1, and View and Control v10.1.
Version 10.0	May 2022	Update the documentation to clarify CPE3XX support.
Version 10.0	Apr 2022	Initial Release

Restrictions and Open Issues

Subject	ID Code	Description
HWC Smart Build	DE9761	The Smart Build option for hardware configuration (HWC Smart Build) is not functioning as expected under certain conditions. To ensure system stability and prevent unintended behavior, this feature has been temporarily disabled.
Avoid storing or mapping project files to any directory located within a OneDrive synchronized path.	N/A	Avoid storing or mapping project files to any directory located within a OneDrive synchronized path. OneDrive folders function as network-dependent storage, and connectivity interruptions or synchronization conflicts can lead to file inaccessibility or corruption, resulting in improper operation of the software.
Power Flow Error with COMPUTE block	N/A	When replacing a block with the COMPUTE block in “Test-Edit” mode, the surrounding rung logic may require manual adjustment to maintain proper power flow through the rung.
COMPUTE may cause a stack overflow in the firmware	DE13503 DE13935	For now, to avoid a potential issue within firmware, we do not recommend adding logic to execute on a rung after a COMPUTE execution.

PAC Machine Edition

Functional Compatibility

Subject	Description
CPE200 Series compatibility	CPE200 Series modules require PAC Machine Edition (PME) version 10.x and are not supported on PME 9.8 or earlier releases.
Module Type Package (MTP) Object support	MTP requires PAC Machine Edition (PME) version 10.x and is not supported on PME 9.8 or any earlier release.
Supported Operating Systems (For detail support information refer to the GFK-3245 – PAC Machine Edition, Change Management, and Productivity Suite System Requirements)	• Windows 11 Pro • Windows 11 Enterprise • Windows 11 Enterprise LTSC • Windows 11 IoT Enterprise • Windows 11 IoT Enterprise LTSC • Windows 10 Pro • Windows 10 Enterprise • Windows 10 Enterprise LTSC • Windows 10 IoT Enterprise • Windows 10 IoT Enterprise LTSC • Windows Server 2025 • Windows Server 2022 • Windows Server 2019 • Windows Server 2016
Supported Virtual Machines (For detail support information refer to the GFK-3245 – PAC Machine Edition, Change Management, and Productivity Suite System Requirements)	• VMware Player and Workstation (type 2) • VMware ESXi (type 1)
Supported Anti-Virus Systems (For detail support information refer to the GFK-3245 – PAC Machine Edition, Change Management, and Productivity Suite System Requirements)	• Norton Deluxe • McAfee Plus • Bitdefender Total Security • Trend Micro Maximum • CrowdStrike Falcon • Windows Defender

Problems Resolved by this Release

Resolved Problem	Defect Code	Resolution
PME 10 crashes with download, then upload to a NUI using standard templates	DE9264	An internal reference counting issue was resolved, and PME no longer crashes when executing a download to upload using a standard NIU template.
PME 10.1.9647 Security Vulnerabilities	DE10365 DE12711	Java Runtime Environment was already removed from 10.5, but remained on the install disk for customers who needed it. For PME 11.0, the Java Runtime Environment has been entirely removed from the install image.
PME performance can become degraded when there is a 'Data Monitor' window monitoring many tags	DE10390	Updated PME's process of collecting data for the Data Monitor, eliminating the performance degradation seen when monitoring large numbers of tags.
Logic Copy/Paste missing OPC UA properties for new variables	DE10966	Conditions handling the "Publish" property of OPC UA variables now correctly handle the "External Read-Only" case.
Copying Logic with Array Variables Causes Comments to Change	DE10996	The fix ensures each array element now keeps its own correct description. Previously, even when an element's individual description was available, the code mistakenly used the main array's description instead. We updated the logic so that when an element-specific description is present, that value is used, giving each element the proper, unique description as intended.
Find returns spurious results.	DE11868	The issue was caused by how instruction names were built for lookup. When an instruction had no outputs, the next instruction's inputs were misidentified as outputs. The input/output detection logic has been corrected to avoid picking up inputs from adjacent instructions.

Resolved Problem	Defect Code	Resolution
Nodeset file generation is causing the PLC to retain logic inequality even after stop mode download until the PLC is power cycled.	DE12364	From PME 10.7 onward, node set generation and feature code validation have been disabled until firmware-level support for OPC UA node set generation is available. Logic can no longer become equal using this function.
IC695ALG608 Diagnostic bits are not properly shown in PME Help	DE12387	PME documentation and the PAC System Manual (GFK2314) now match regarding the Diagnostics Bits for ALG608
When connected to a simulator, many of the online dialogs show the IP address of the real-world controller rather than the simulator's IP.	DE12443	The online dialogs (Download/Upload, Start/Stop, etc.) now display the word "Simulator" instead of the real-world IP address.
Sorting proxy variables does not work.	DE12473	We fixed an issue that caused inconsistent sorting when both addresses being compared were empty. The comparison now returns a stable result in that case, preventing the sort order from being overwritten. We also updated proxy variables to sort by their display names rather than their internal order, ensuring the tree rebuilds in a predictable and user-friendly way.
Values overwritten in the inspector tab	DE12493	The UI now correctly handles input by ignoring unbalanced mouse and keyboard events, preventing the stray tab key-ups from triggering unwanted row changes or edit activations.
PME 9.5 option "Remove Force from Unmapped Symbolic Variable(s)"	DE12621	If a user attempts to clear the unmapped symbolic forces while the PLC is in run mode, they will receive a warning instructing them to stop the controller before proceeding with the force clearance.
User-created variables take precedence over var constant variables in ST.	DE12798	PME now checks named constants before checking for variables and parameters, so this issue no longer occurs.

Resolved Problem	Defect Code	Resolution
Inconsistent display in inspector tab	DE12829	The fix ensures the system now reads only the exact array index specified in the XML and increases the online count only for that specific index—and only if it isn't already online. This prevents unnecessary processing and keeps budget usage under control.
Simulator C Blocks are not updated when both the controller and simulator binaries are updated using the GUI.	DE12923	Issue resolved so that this dialog updates the binaries for the Controller, the Simulator, or both - depending on the changes requested using the dialog.
RX3i main and remote rack power supply concerns	DE13300	Added the missing implementation in the remote module's specific derived class, which stopped drawing power from the main rack for remote modules.
IC695CMM004 installed in RIO affects power supply in main rack	DE13627	
Security Vulnerability: PACS Machine Edition and Microsoft XML Parser	DE13390	PME has removed MSXML 4.0 entirely and replaced it with MSXML 6.0
Not showing errors during validation.	DE13458	When using the SHR or SHL instructions, PME now throws an error when a WORD or DWORD is not used.
The status bar does not stay grey when changing UI themes while connected to a simulator.	DE13498	Unhandled scenario addressed, so the status bar remains grey while connected to a Simulator, even when the PME Visual Style is changed while connected. NOTE: The status bar color never changes (for any reason, including being connected to a simulator) if the Visual Style is set to one of the "Windows 10" visual styles.
PME 10.6 crashes when attempting to update UDFB via importing	DE13501 DE14186	This crash was fixed as part of the many stability enhancements that went into the PME 11.0 release.

Resolved Problem	Defect Code	Resolution
Upload from controller sometimes does not get all initial values on the first attempt and repeated attempts are required.	DE13710 DE13712	When loading initial values for 2D arrays, there were instances of PME treating the array of values as a 1D array causing not all of the values to be uploaded. PME now fully processes 2D arrays.
The PME 10.7 Sample project folder persists (or remains present) even after being deleted manually and unselected during a fresh install.	DE13862	If, in your original installation, sample projects were selected and you manually delete them, PME will detect that the component you installed is not present and will be restored by your OS. If the box is unchecked in installation, but the user already has sample projects installed, they will still show up since PME shows all existing folders and projects. If you then delete the Samples folder in PME, then it will not be restored the next time you launch PME. The proper way to remove samples is to re-run the installer and uncheck the box for Sample Projects, and they will not get restored when you launch PME.
Undo/Redo editing does not work properly.	DE13867	A flag telling PME's ladder editor to adjust for expansion appeared to work during the undo operation, but not the redo operation. This has been resolved.
Error message "TDB Server with Error 0x80080057 while creating or initializing data server" while closing project when connected to the target	DE13873 DE14428 DE12713	The shutdown process has been corrected so that data servers are no longer destroyed too early. Tags that are still marked as online no longer attempt to contact or recreate a data server during shutdown, preventing the invalid initialization call and eliminating the error message.
Copy-paste FBD logic removed negated parameters.	DE14025	When copying FBD logic, the negative parameters were retained but lost during the paste operation. This has now been fixed, so negative parameters are retained through the entirety of the copy-paste operation.

Resolved Problem	Defect Code	Resolution
Error 12512 while doing an RMS after importing CSV file with HMI properties.	DE14026	When overwrite import to apply layout-defined length to string elements, preventing default values from overriding it.
Getting Error 12545: Duplicate use of variable in Structure Text block/logic in PPS v10.7, which is not an error in PPS v10.6	DE14088	The ST editor has been modified so that it only tracks the instances used in the same way as LD and FBD.
VersaMaxSafety SBI PME template – DO getting de-energized, when last IO fault is due to DO module field power loss	DE14149	The template was updated so that before using the state values of Fault_TypeCat and Fault_Error_Code, the output of the Service Request 15 execution is verified.
VersaMax SafetyNet CPS400 PME template-SIMPLEX CPS400 communication fault due to low Sweep time pack loss occurs	DE14150	Logic has been added to the end of the .MAIN logic block to restrict the minimum sweep time to 15 milliseconds. If the user's sweep time in the application logic is larger than 15 milliseconds, the logic can be deleted.
PPS 10.6 EGD Control Module Descriptions didn't populate after upgrade from PPS 3.6	DE14190	The 'Object Oriented Descriptions' option under PLC/General will allow users to modify their variable descriptions freely when the option is set to false.
PPS FBs properties are not editable while online in v10.7.221	DE14246	PME 10.7 requires users to expand the array in the auto tab of the data watch window to access array elements of PPS block instances when online. This is no longer a requirement.
PME crashes while writing a message to the tab during the firmware version check	DE14281	Safeguards were added to ensure there would be no null pointer deference when writing a message to one of PME's tabs.

Resolved Problem	Defect Code	Resolution
PME v10.7.222 release build crashes for investigation	DE14374	Crash dump files have been analyzed and fixed.
Program Crash after Restore UDFB	DE14406	
Byte variable display on Move Bool instruction	DE14403	Fixed issue where PME would overwrite but values with variable values when showing online data in the ST editor.
Logic Reference – Not all logic referenced would populate; need to use a variable to track the reference accordingly	DE14404	Fixed issue where selecting a tag in an editor would show references to the tag in closed editors but not open ones.
Pasting a logic block doesn't update the Navigator for the LD block	DE14144	ST and FBD blocks force you to paste at the program blocks node or on a folder node. The issue with LD is that it was only proceeding with the paste if you were on the program blocks or a folder node, but still eating the next block number, while ST and FBD don't do that. Fixed, and the solution was to allow the paste and just use the program blocks node if it's not selected. This only applies to LD.
PME Crash When Pasting Only a Wire in the FBD Block Editor	DE14251	Added a check to detect when only a Wire object is being pasted. To prevent the crash, update the logic so that if the pasted content contains only a Wire object, simply skip all further processing.
Current Value for the global variable is set to On; the linked variable's current value remains unknown.	DE14269	Fixed and allowed structures to go online instead of restricting them to CM instances.

Resolved Problem	Defect Code	Resolution
When trying to open or right-click the FBs, it takes time to update cross references when the call is selected on the rung while online, or when clicking on the instance variable in the navigator.	DE14405	Fixed a performance issue when opening UDFB blocks online when the UDFB in question has thousands of elements and nested structures.
Error: Cannot save project with unlicensed target " in project (the trial period has expired). You must license " or this target must be deleted from your project if you would like to save your changes.	DE14524	Fixed the buggy code loop involved in consumed exchange saving routine. This fixed the crash and ultimately all other strange issues.
After downloading, a UDFB's general settings are reset	DE14543	Fixed download property handling pipeline to handle indexed template tags, so PME properly handles downloading the settings of a UDFB.
After uploading the program and the initial values, the settings in general tab are deleted and for IB_ILK block , the Override Enable is back to Disabled.	DE14542	
PME 10.7.222 Cannot enter bit descriptions in Boolean arrays (blanked out)	DE14546	When the new 'Object Oriented Descriptions' feature is set to false, variable descriptions are no longer locked and can be individually edited.

Resolved Problem	Defect Code	Resolution
PME/PPS crashes when changing Hardware Cfg Option	DE14561	Crash dump files have been analyzed and fixed.
Fully Cleared CPE330 upload causes PME/PPS to crash	DE14573	Fixed issue where PME would attempt a call on a null pointer when uploading from a fully cleared controller.
Built-in PAS files need to be in _Custom_ folder; otherwise the HMI properties tab is not shown on the inspector for the built-in PPS control module. PPS 10.7.223 - Code not compiling due to Private instances of Variables being written to.	DE14574 DE14578	When a CM override is enabled, the system correctly checks the <i>Custom</i> directory first for the XML template and then falls back to the root template folder if the file isn't found. However, the logic failed to update the return path after falling back, leaving the path pointing to the non-existent file in the custom directory. The fix is to explicitly reset the return path to the valid template discovered in the root folder whenever the custom lookup fails, ensuring the system loads the correct file and preventing downstream errors.
Copying and pasting a PNS with Reference Variable into a PNC and validating make the Reference variable disappear and doesn't come back	DE14582	Fixed issue where temporary string was not being cleared when pasting the PNS, and since that string was not cleared, the PNS gets set to that one and would result in validation errors.
PME 10.7.222 - Cannot modify config in 9030/9070 projects	DE14586	The fix ensures that when a user right-clicks, the handler now explicitly sets the selection first and then opens the HWC menu. This restores the expected behavior and ensures the correct slot is always targeted.
PME show double references	DE14589	Fixed issue when both parent and child matches were not added when making the call to see if the variable was referenced.

Resolved Problem	Defect Code	Resolution
Import Variables only up to 127 where total Variables to import is 556	DE14656	Added missing null pointer check when attempting to log a message about a force during import.
UDFB Change Fails to Apply When Editing in Offline Session While Another Session Is Online to PLC	DE14657	PME now safely manages the memory of a block while another user is connected to the same PLC.
Delete 1 produced exchange EGD (online) crashing the program	DE14672	When the exchange object was deleted, PME's property inspector no longer holds a reference to the deleted exchange, preventing the crash from occurring.
PME v10.7 - Controller LD Editor pop-up - Unable to open storage for block data (Code 0x80030005)	DE13825	Mouse left-click and double-click actions will be ignored until the reference display execution is complete.
After restoring a project in PPS v10.7 or 11.0, opening one routine called "A2530_BF401, a message from Controller LD Editor pops up saying: Unable to open storage for block data (Code 0x80030005)	DE14544	
Trying to add data structure online/offline to data watch, doesn't really work, the right click does not appear	DE14537	Ensures context tag is injected into the element.

Resolved Problem	Defect Code	Resolution
PME Freezes when configuring an unreachable EGD Config Server "host name" while OFFLINE	DE14560	The update implements a throttling mechanism and eliminates synchronous server probing during UI-driven property updates
PME Crash when Activating window during project Close operation	DE14608	Before a window is closed, it notifies the main frame. If another part of the program is still keeping track of that window, it clears the reference before the window is deleted. This prevents the program from holding onto an invalid reference and avoids crashes when the system checks for the window during later activity
Lost Reference Variable after Renamed Profinet Name	DE14655	Ensure that the updated (renamed) Device Name is properly propagated to the cached reference variable, so that the validation operation uses the updated reference value.

New Features

New Features	Description
Added enhancements to Data Monitor: - Clicking a variable in the Legend now displays its properties in the Inspector - Variable descriptions now appear as tooltips when hovering over items in the Legend	Clicking a variable in the Legend now displays its properties in the Inspector. Variable descriptions now appear as tooltips when hovering over items in the Legend.
Remove Force from Unmapped Symbolic Variable(s)	This feature enables the user to clear any forced values applied to symbolic variables that are no longer mapped to active program elements while the system is online.
Object Oriented Descriptions	In the Controller/General tab of the options menu a new option named 'Object Oriented Descriptions' has been added. When set to 'False': Descriptions for variables and UDT instances are unique to each instance and can

New Features	Description
	be individually modified. (This is the same behavior as 10.5 and previous) • When set to 'True': Descriptions for each instance are inherited by the parent UDT and are set to read-only. (This is the same behavior as 10.6 and 10.7)
Audit Trail made available to all users	In previous releases, the Audit Trail was only available when using PAC Change Management and connecting to a PCM server. Now all users can access and view the Audit Trail reports.

View and Control

Functional Compatibility

Subject	Description
Supported Operating Systems (For detail support information refer to the GFK-3245 – PAC Machine Edition, Change Management, and Productivity Suite System Requirements)	• Windows 11 Pro • Windows 11 Enterprise • Windows 11 Enterprise LTSC • Windows 11 IoT Enterprise • Windows 11 IoT Enterprise LTSC • Windows 10 Pro • Windows 10 Enterprise • Windows 10 Enterprise LTSC • Windows 10 IoT Enterprise • Windows 10 IoT Enterprise LTSC • Windows Server 2025 • Windows Server 2022 • Windows Server 2019 • Windows Server 2016
Java installation for WebView	The default installation of Java has been removed from PME. To use WebView, users need to manually install Java from the path below. Go to the PME installation location, go to the path \fxView\WebTemplates\JavaPlugin and install “jre-6u30-windows-i586-s.exe” or download this specific version from the internet and install.
WebView support on View and Control	WebView will continue to be supported until IE 10.0. To make it work on Microsoft Edge, you can change the browser settings to open in Explorer mode, as there are restrictions in the Java version that supports Webview in PME.

Problems Resolved by this Release

Resolved Problem	Defect Code	Resolution
PME 10.7.222 - alarm objects are disappearing when project backup is restored	DE14298	Enhanced alarm data persistence during storage changes, ensuring alarm records are saved to the new storage location and correctly associated with their alarm groups.
PME 10.7 - Windows PC View - Control I/O Driver - Profibus SST Driver do not support on Windows 11 x64	DE14250	Removed unsupported SST Profibus SST drivers from the product.
PanelOpen does not open the panel in the specified Coordinates	DE14277	Improved panel positioning and resolution compatibility by extending support up to 1920×1920, ensuring panels open correctly at the configured coordinates.
PME 10.7.222 - cannot save project as PME 9.8 version	DE14444	Updated the Save As validation message to clearly indicate that UDT View functionality requires PME version 10.7 or later, providing better guidance during project configuration.
Alarm and Trend Displays getting removed when opening a project	DE14663	Enhanced storage change handling by ensuring alarm and trend configuration data is properly retained and saved to the selected storage location. The update also ensures the correct alarm group interface is used, preventing the loss of alarm and trend displays when reopening projects.
PME 10.7.222 - view runtime user login not retained when closing/opening runtime window	DE14517	Enhanced runtime restart handling to preserve user login sessions by correctly managing the file store source during runtime initialization.
PME v10.7.222 – PC View Runtime Security Credentials Not Persisting After Restart	DE14518	Enhanced runtime restart handling to preserve user login sessions by correctly managing the file store source during restart.
Inconsistencies in Find/Replace functionality across screens and missing Find feature for QP/View targets.	DE14607	Added Find/Replace support for HMI targets and aligned functionality with PLC targets to provide consistent user experience across target types.
PC View Connection Failed	DE14734	Resolved an issue where tag file write operations failed when the application was run from the Program Files (x86) directory without administrator privileges. The application now properly supports this scenario.

New Features

New Features	Description
Added QuickPanel+2 target support in PME v11.0	PME v11.0 introduces support for the QuickPanel+2 target, enabling users to develop, configure, and deploy applications on supported QuickPanel+2 devices running the Windows 10 IoT Enterprise 2021 LTSC on an ARM64-based platform.
Added Connex driver package support in QuickPanel+2 target.	QuickPanel+2 targets now support the Connex Driver Package, providing enhanced connectivity and data exchange capabilities with compatible industrial devices and controllers. For complete details on supported driver packages, refer to the <i>GFK-3317 QuickPanel+2 User Manual (Section: 4.1.3)</i> .
Added Connex Historian Package support in QuickPanel+2 target.	Added support for the Connex Historian Package in QuickPanel+2 targets, enabling historical data collection and storage. The package now supports three database platforms: MySQL, PostgreSQL, and SQL Server 2019, providing greater flexibility for data archiving, retrieval, and analysis. For complete details on historian, refer to the <i>GFK-3317 QuickPanel+2 User Manual (Section: 4.1.4)</i> .
Added new datatype support for QuickPanel+, Windows PC and QuickPanel+2 targets. New data types added in the support are BYTE, INT, REAL, UINT, WORD and DWORD.	Added support for new data types across QuickPanel+, Windows PC, and QuickPanel+2 targets. The newly supported data types include BYTE, INT, REAL, UINT, WORD and DWORD enabling enhanced data handling capabilities, improved interoperability with external devices, and greater flexibility in application development.
Added project conversion support from QuickPanel+/Windows PC to QuickPanel+2 targets.	Added support for converting QuickPanel+ and Windows PC projects to QuickPanel+2 targets. The conversion process includes migration of supported Native and View OPC Driver configurations to their corresponding Connex Drivers in QuickPanel+2 targets. Supported View OPC drivers for migration include Emerson Ethernet, Allen-Bradley Ethernet, ControlLogix Ethernet, Modbus Ethernet, Modbus ASCII Serial, and Modbus RTU Serial. Supported Native drivers for migration include SRTP, AB TCP/IP, Modicon TCP/IP, and Modbus. During migration, I/O addresses are automatically converted to the Connex I/O address format, reducing

	manual reconfiguration effort and simplifying project migration to the QuickPanel+2 platform.
Updated default colors for Graphical Panels and Graphical Objects.	The default colors of Graphical Panels and Graphical Objects have been updated to enhance the overall visual appearance, improve usability, and provide a more modern and consistent user interface experience across applications.

Dropped Features

Dropped Features	Description
Dropped support for Jr. QuickPanel, QuickPanel View, and QuickPanel Control targets in PME v11.0.	Removed support for Jr. QuickPanel, QuickPanel View, and QuickPanel Control targets in PME v11.0. These targets are no longer available for project development or deployment.

QuickPanel+2 Migration Considerations

QuickPanel+2 Feature Limitations	Description
WebView functionality	WebView functionality is not supported in QuickPanel+2 targets. During the conversion of a QuickPanel+ project to a QuickPanel+2 target, any configured WebView objects and related functionality are automatically removed from the project. Users are advised to take a backup of the project before conversion to avoid the loss of WebView-related configurations.
Native Drivers and View OPC Drivers	Native Drivers and View OPC Drivers are not supported in QuickPanel+2 targets. During project migration from QuickPanel+ or Windows PC targets, supported driver configurations can be converted to their corresponding Connexx Drivers. Users should review and validate all migrated driver configurations to ensure proper communication and functionality after conversion.
SNMP Variables	SNMP Variables functionality is not supported in QuickPanel+2 targets. Existing SNMP Variable configurations in QuickPanel+ projects will not be available after conversion to a QuickPanel+2 target. Users should review their projects and implement alternative solutions if SNMP-based functionality is required.

Restriction

Subject	Description
Save As Previous Version with QuickPanel+2 targets	The Save As Previous Version feature is not supported for projects containing a QuickPanel+2 target. To save a project to an earlier PME version, remove the QuickPanel+2 target before using Save As Previous Version. Other supported targets, such as PLC, QuickPanel+, and Windows PC, can then be saved to the selected previous version.

Related Documents

For additional information about PAC Machine Edition and PAC Products, refer to the following publications:

Title	Document Number
PAC Change Management for Machine Edition – Getting Started	GFK-1779
PAC Machine Edition – View and PC Control – Getting Started Guide	GFK-1868
PAC Machine Edition - Logic Developer – PLC – Getting Started Guide	GFK-1918
Entitlement and License Manager User Manual	GFK-3104
Emerson Legacy Licensing Guide	GFK-3107
PAC Productivity Suite Configuration Guide	GFK-3134
PAC Productivity Suite Installation, Operation, and Maintenance Manual	GFK-3136
PAC Productivity Suite Application Setup and Configuration Guide	GFK-3137
PAC Change Management IPI	GFK-3258
PAC Machine Edition, Change Management, and Productivity Suite System Requirements	GFK-3245
PAC License Server Administrator User Manual	GFK-3247
PAC Productivity Suite IPI	GFK-3259
PACSystems Simulator IPI	GFK-3300
QuickPanel+2 - User Manual	GFK-3317
QuickPanel+2 – Quick Start Guide	GFK-3318

Additional Support

For support and information, visit Emerson’s support link located at the end of this document. The files for this manual and other related documentation are available there. Additional region- and language-specific websites and telephone numbers are found there as well.

Contact Information and Support

Questions? We are here to help.

Before starting a case or making a call, try searching our Knowledge Base website – it might have the answer you need right away.

If you have a question, try the following:

Search our Knowledge Base	Open a Support Ticket	Register for a Customer Account
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Other Helpful Links

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