

PAC Machine Edition

Version 9.80 SIM 12

ver. 9.8



PAC Machine Edition

Install Machine Edition

Install Change Management

Important Product Information

Browse the DVD

Exit

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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.*

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PAC Product Information

Product	Version
PAC Machine Edition Logic Developer PLC QP+ (View / PC)	9.80
PAC Change Management Server Client Scheduler Engine	9.80
PAC Productivity Suite ¹	3.80
Note ¹ PAC Productivity Suite is made up of several chained installs that will install the required components and is only available from the PPS Disk.	

Product	Version	Engineering Workstation	Operator Console	Application Server	System Server
PME (LD PLC)	9.80	√			
HMI (CIMPPLICITY)	10.00	√	√	√	
EGD Driver	7.40k	√	√	√	√
EGD Tools	6.01	√	√	√	√

Revision History

Issues	Date	Description
Version 9.8, SIM 12	May 2023	Bug Fixes
Version 9.8, SIM 11	Nov 2022	Bug Fixes
Version 9.8, SIM 10	June 2022	Bug Fixes
Version 9.8, SIM 9	November 2021	Bug Fixes
Version 9.8, SIM 8	August 2021	Bug Fixes
Version 9.8, SIM 7	May 2021	Increased PROFINET devices for IC695CPL410, Bug fixes
Version 9.8, SIM 6	March 2021	Release of Hardware Keys for PME, Bug fixes
Version 9.8, SIM 5	January 2021	PACSafe, Bug fixes
Version 9.8, SIM 4	September 2020	IC695PMM345 Support, Bug fixes
Version 9.8, SIM 3	May 2020	Rebranded View OPC Driver, Bug fixes
Version 9.8, SIM 2	April 2020	Produce EGD on Redundant IP, PROFINET GSDML Updates, Bug fixes
Version 9.8, SIM 1	March 2020	Bug fixes

Release Notes

When upgrading from Versions of PAC Machine Edition older than 9.0, your PME window settings and system options may be reset.

For PAC Productivity Suite users, an advisory has been issued for CIMPLICITY 10.0. Please refer to the following links:

- <https://www.us-cert.gov/ics/advisories/icsa-20-098-02>
- https://digitalsupport.ge.com/communities/en_US/Article/GE-Digital-Security-Advisory-GED-20-02

Problems Resolved by this Release

Primary customer support cases resolved in this SIM:

Issues	Defect ID#	Description
Sleep viewscript function not working in 10.1 under certain condition	DE9896	Sleep condition will work after adding multiple view scripts.
While opening the driver setup dialog box of Fanuc CNC I/O driver the PME getting crashed.(Control Driver)	DE9911	When open driver setup dialbox for Fanuc CNC I/O driver PME will not crash.

Issues	Defect ID#	Description
PME getting crashed when click on about Fanuc CNC I/O driver	DE9912	Opening about menu in Fanuc CNC I/O driver configuration PME will not crash.
Error 12001 Crashes Proficy when Navigated to from Feedback Zone	DE9899	Handled the condition for double click on the error12001 in the Feedback Zone so that PME wont be crashed.
"Error 12053: Invalid Pen expression used for chart pen" in Feedback Zone shows as "Error 2410: Invalid Trend pen expression in [Graphical Object]" in Companion.	DE9809	Showing incorrect error number for invalid pen expression in feedback zone is corrected.
QP+ HMI web view Java issues	DE9816	Corrected the digital signature for Java 8 Update 361 for web view.
QuickPanel+ - SRTP Driver will not communicate to PLC when there is toolchest linked object on the screen	DE9129	SRTP Driver will communicate to PLC when toolchest linked object on the screen.
Status Address will change once ETM module is replaced with -Kxxx version	DE8007	Before deleting an IC695ETM001 module, maintained its "Status Address" value. After adding IC695ETM001-Kxxx module, set above step's maintained "Status Address" value in this module.
SIM11 Ribbon Buttons	DE9455	Adding all the required id and adding icon files resolved this. The file related to these changes is FramewoX.ENU.
Utilities menu in ME 9.8 SIM11	DE9648	Adding all the required id and adding icon files resolved this. The file related to these changes is FramewoX.ENU.
German umlauts are not displayed correctly '?'	DE8187	When we try to duplicate & Find german umlates string ,we are not getting proper validated string. Hence we have added one new function GetValidestring() this function is used to give proper validated string
Can't Add versa safe logic to machine edition	DE9643	As per above analysis and information, code modification related PACSystem C Toolkit version 9.00.has been done.
Greater Than Operator not resolving on Export/Import	DE9679	By adding "{">", ">", 1, 4}" in function "XMLDOMHelper::ConvertXHTMLToText()" in PME 9.8 will fix this issue
FBD Editor right click menu problem	DE5892	If you review the FunctionBlocDiagramEditor.drc vs .rc files, there is a descripancy in the define ID numbers which causes what looks like an index off by one error.
Odd Text in PME10.0	DE8996	Added manually hadler method and called invalidate() method to redrawn tabs data.
PID Tuning dialog crashes online	DE9714	This could only happen if an online update came in while the dialog was being initialized and the variable pointer was being set to the correct parameter

Issues	Defect ID#	Description
		reference. Solution is to check for a variable pointer before proceeding to get data from it.
PME Conversion Report Indicates ALG220 Must Be G or Newer	DE7780, DE9343, DE9863	Need confirmation of required version for ALG220 to be compatible with RX3i.
Unable to delete variable PME 10.1	DE9830	Added Variable to terminal method to copied new tagname from tag database to terminal tab
Error in the PME help file	DE9946	Did changes in PLC_STFunc.chm help file.
Refresh Access Control node for 3rd party projects	DE9429	Refresh Access Control node for 3rd party projects
New versions of RsLogix are not compatible with PCM clients	DE7912	New versions of RsLogix are not compatible with PCM clients
Issue in PME-Primary Config is NE and Secondary Config EQ	DE9870	In "HardwareConfiguration::setDirty()" function setting checksum to default only for selected HWC when mirroring is true.
PCM 9.80 SIM 9 - RSLogix 500 / 5000 Project password do not support Alpha Numeric Characters	DE9713	After further research RsLogix 5/500 support only 10 characters and alpha numeric is supported
PCM 9.80 SIM 9 - takes 45 mins to check-in RSLogix 500 / 5000 project	DE10001	PCM 9.80 SIM 9 - takes 45 mins to check-in RSLogix 500 / 5000 project
hardware config equal, then upload and shows not equal	DE9989	In "HardwareConfiguration::setDirty()" function setting checksum to default only for selected HWC when mirroring is true.
PME still shows activation required when using a hardware key and interfacing remotely (RDP)	DE9751	PME still shows activation required when using a hardware key and interfacing remotely (RDP)

For a complete and detailed history, please visit the PME support page:

https://emerson-mas.force.com/communities/en_US/Article/Machine-Edition-Latest-available-SIMs-Landing-Page

New Features

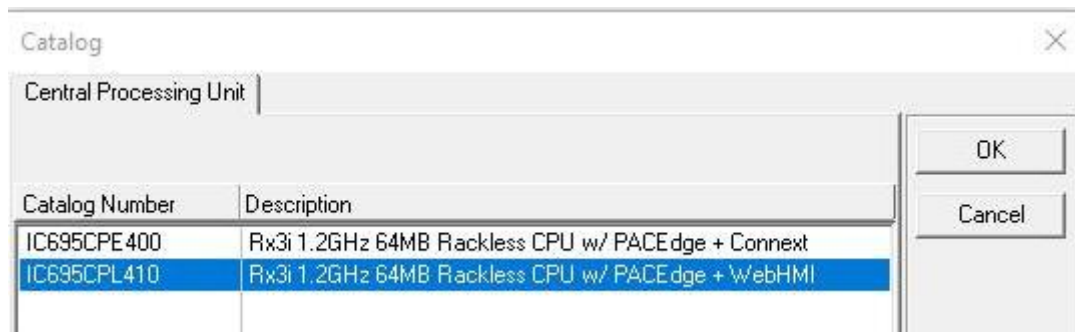
Logic Developer PLC

IC695CPL410 Increased PROFINET Device Support

A CPL410 with Firmware Version 10.15 may be configured with up to 64 PROFINET I/O devices, 32 of which may be redundant.

IC695CPL410 & IC695CPE400 Catalog Names

CPL410 and CPE400 include PACEdge.



Updated Error Code for Controller CPU Faults

Added new Error code for Controller CPU Software faults (Group 135) for indicating Firmware Update Failed - HW Package Component Update Error.

Produce EGD on Redundant IP

A new setting has been added for CPE400, CPL410, CPE330 and ETM001-Kxxx Ethernet settings to produce EGD on the redundant IP instead of the local IP when redundancy is enabled on the Ethernet node.

Note: This was also shipped in PME 9.50 SIM 20 and PME 9.70 SIM 2 for the CPE400 and CPL410. Support for the CPE330 and ETM001-Kxxx was shipped in PME 9.50 SIM 22 and PME 9.70 SIM 4.

PACMotion IC695PMM345 Support

Added support for the IC695PMM345 Motion Module in the Machine Edition Hardware Configuration.

PACMotion Workbench Tool

Added the ability to launch Emerson PACMotion Workbench tool from the Utilities ribbon bar.

PROFINET GSDML Schema Support

Added the ability to import PROFINET GSDML's created with schema versions 2.34, 2.35 and 2.4.

GSDML Updates

GSDML-V2.3-IntelligentPlatformsLLC-RX3iPNS-20191010

GSDML-V2.33-IntelligentPlatformsLLC-RSTi-OM-20210101

GSDML-V2.35-Intelligent Platforms, LLC-PACmotionVFD_SysRedundancy-20210511

New System Variables

Three new system variables were added: #DATA_SRC(%S00051), #DSPOVTMP(%S00052) and #LG_CFG_SRC(%S00050). Refer to the help for more details.

PACMotion VFD Studio

Added the ability to launch Emerson PACMotion VFD Studio application from Utilities ribbon bar.

DNP3 Protocol

Added the ability to use and configure DNP3 protocol with the CPE400, CPL410, and CPE115.

PACSafe

Added catalog support for PACSafe configurable safety controllers, I/O modules, and safety interface modules.

Hardware Key Support

Hardware keys can now be used to license Machine Edition instances. The use of these keys is outlined in the **Emerson Software Licensing User Manual (GFK-3104)**. The end of this document contains all support links needed to find the most up to date version of this GFK.

Note: This support does not extend to PPS or PCM.

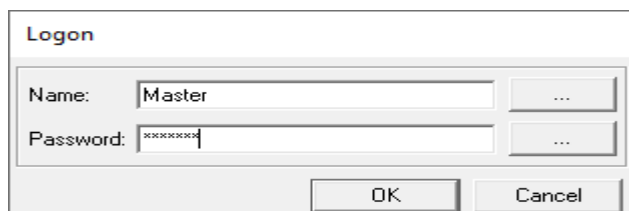
Logic Developer PC/QP+

Password Change on First Time Logon

The runtime **Logon** button launches Edit User List dialog, which allows the user to change their default password to a new password. (This dialog pops up only one time.) The new password will be preserved in that box (PC/ QP+/ QP Control) so the user should remember this new password. If the user forgets this password, the user should contact support for assistance.

1. Download and start the runtime.
2. Tap the **Logon** button.
3. The **Logon** dialog box appears.

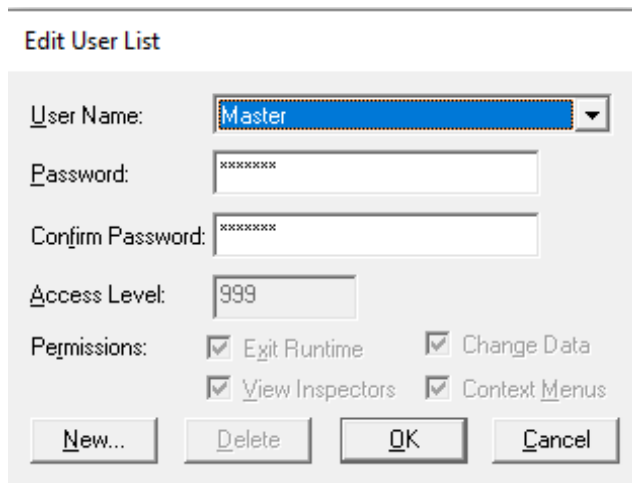
Figure 1: Logon Dialog



The screenshot shows a standard Windows-style dialog box titled "Logon". Inside the dialog, there are two labeled input fields. The first is labeled "Name:" and contains the text "Master". To the right of the text is a small button with three dots "...". The second field is labeled "Password:" and contains a series of masked characters (dots). To the right of the masked text is another small button with three dots "...". At the bottom of the dialog, there are two buttons: "OK" and "Cancel".

4. Tap inside the Name field to begin using View's built-in touch screen keypad to enter default username
5. Tap inside the Password field to begin using View's built-in touch screen keypad to enter default password.
6. Tap **OK**. The user must change the password for the default user after the first login. The below dialog box will appear:

Figure 2: Edit User List



Edit User List

User Name: Master

Password: xxxxxxx

Confirm Password: xxxxxxx

Access Level: 999

Permissions: ☒ Exit Runtime ☒ Change Data
☒ View Inspectors ☒ Context Menus

New... Delete OK Cancel

QuickPanel+ View

Support for Automation Direct 'Direct Net 305' and 'Direct Net 405/205' on QP+.

Added Native Drivers support for Automation Direct 'Direct Net 305' and 'Direct Net 405/205' on QP+.

View/LDPC

Rebranding of View OPC Drivers

PME 9.80 SIM 3 contains rebranding of PAC View OPC drivers - PAC View Integrated OPC Server version 5.21.295.0

View OPC Drivers

PAC View Integrated OPC Server is upgraded to version 5.21.296.0 from PME 9.80 SIM 4 onwards.

Related Documents

For additional information about the Ethernet Interface Module, refer to the following publications:

<i>PAC Machine Edition - View™ and PC Control – Getting Started Guide</i>	GFK-1686
<i>PAC Machine Edition - Logic Developer – PLC – Getting Started Guide</i>	GFK-1918
<i>Emerson Software Licensing User Manual</i>	GFK-3104
<i>Emerson Legacy Licensing Guide</i>	GFK-3107
<i>PAC Productivity Suite Configuration Guide</i>	GFK-3134
<i>PAC Productivity Suite Installation, Operation, and Maintenance Manual</i>	GFK-3136
<i>PAC Productivity Suite Application Setup and Configuration Guide</i>	GFK-3137

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.

General Contact Information

Home link: <http://www.emerson.com/industrial-automation-controls>

Knowledge Base: <https://www.emerson.com/industrial-automation-controls/support>

Technical Support

Americas

Phone: 1-888-565-4155
1-434-214-8532 (If toll free option is unavailable)

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Technical Support: support.mas@emerson.com

Europe

Phone: +800-4444-8001
+420-225-379-328 (If toll free option is unavailable)

Customer Care (Quotes/Orders/Returns): customercare.emea.mas@emerson.com
Technical Support: support.mas.emea@emerson.com

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Phone: +86-400-842-8599
+65-6955-9413 (All other Countries)

Customer Care (Quotes/Orders/Returns): customercare.cn.mas@emerson.com
Technical Support: support.mas.apac@emerson.com

Any escalation request should be sent to: mas.sfdcescalation@emerson.com

Note: If the product is purchased through an Authorized Channel Partner, please contact the seller directly for any support.

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