PAC Change Management 10

Managing Changes in an Industrial Environment

PAC Change Management provides capabilities to manage changes to software projects over their lifecycle. Version control, secure access and audit trail capabilities make collaborating on a project easy and eliminates users inadvertently overwriting changes made by other users. In addition, there are optional capabilities for automated scheduling of repetitive tasks and E-signatures for change approval management.

Authorized users can check out a project from the Change Management server, make changes to that project, and then check the project back in. Change Management allows the user to document the changes made to the project when checking it in.
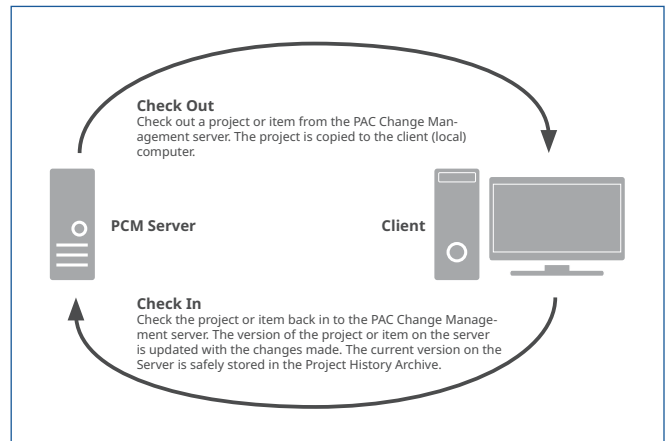
Base Functionality

Version Control

PAC Change Management provides centralized storage and version control for your projects. This ensures that only one user can make changes to an item or project at a time; keeps track of who is currently working on an item or project; and stores previous versions of projects allowing a user to roll back to an earlier version when issues arise unexpectedly with newer versions.

Security

PAC Change Management utilizes role-based access control to provide you with a means to configure access control to projects and devices within your automation system. Specifically, you create a group that corresponds to a role fulfilled by a set of users within your organization. Each group has a set of permissions that members of that group are authorized to do.

Check Out
Check out a project or item from the PAC Change Management server. The project is copied to the client (local) computer.

PCM Server

Client

Check In
Check the project or item back in to the PAC Change Management server. The version of the project or item on the server is updated with the changes made. The current version on the Server is safely stored in the Project History Archive.
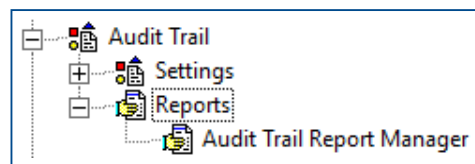
Email Notifications

PAC Change Management can integrate with enterprise email services to send email notifications when certain events occur. Users can also schedule summary emails to be sent on a regular basis.
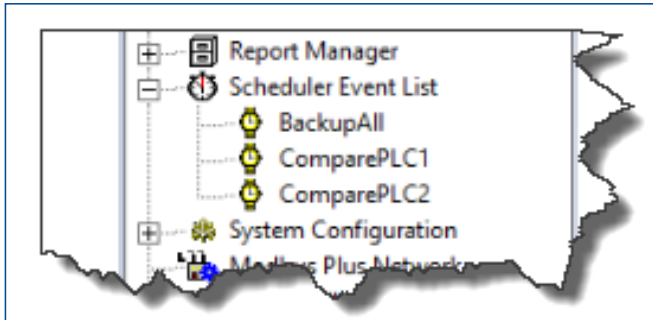
Audit Trails

PAC Change Management can record actions performed by its users. If a user performs an action and the system has flagged that action to be audited, a record is logged in the audit trail database. The audit trail records who performed the action, what action was performed, when the action occurred, where the action happened, and why the action was necessary.
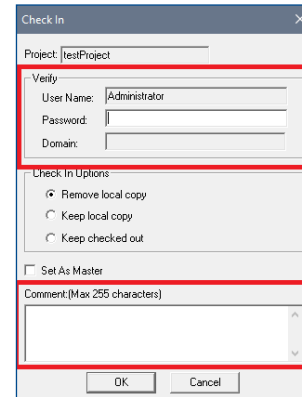
Options

Scheduler

The Scheduler is an indispensable tool that automates repetitive tasks associated with maintaining industrial projects. For example, you can automate controller backups and logic compares. To use the Scheduler, you create events in PAC Change Management. Once an event occurs, the Scheduler Engine executes the associated actions for the event.

E-signatures

Electronic signatures enforce change authorization within your automation system. E-signatures are used to ensure changes are verified and approved by users at a given approval level.

Specifications

PCM Server Supported Operating Systems	PCM Server Minimal Computer Specifications
Only 64-bit versions of the following operating systems are supported by PCM 10. 32-bit operating systems are not supported. ■ MS Windows Server 2016 ■ MS Windows Server 2019 ■ Windows 10 ■ Windows 11	16 GB RAM
PCM Client Supported Operating Systems	**PCM Client Minimal Computer Specifications**
■ MS Windows Server 2016 ■ MS Windows Server 2019 ■ Windows 10 ■ Windows 10 IoT ■ Windows 11	8 GB RAM
Supported Repository	
Subversion 1.11.1 (Windows 32-bit) CollabNetSubversion-client-1.11.1	

Ordering Information

To order PAC Change Management you must:

1. Determine the maximum number of clients that will be simultaneously connected to the Change Management server. This is the number of Client Access Licenses (CALs) required.

2. Determine if you need the Scheduler option and/or the E-signature option.

3. Determine Key Type

   – Computer Locked (Software Key). This key is bound to a physical machine.

   – Leased (PAC License Server). This key is bound to a local license server. PCM server would lease a license from the license server. A PCM server can reside on a virtual machine managed by either a type 1 or type 2 hypervisor.

Description	Part Number	Key Type
PAC Change Management v10.x with xxx CALs	CM100xxx	Leased or Computer-Locked
PAC Change Management v10.x with xxx CALs and Scheduler	CM100xxx-S	Leased or Computer-Locked
PAC Change Management v10.x with xxx CALs and E-signatures	CM100xxx-E	Leased or Computer-Locked
PAC Change Management v10.x with xxx CALs and Scheduler and E-signatures	CM100xxx-SE	Leased or Computer-Locked

xxx = the number of CALs (1-255)

x = minor version number; a 10.0 license is valid for all minor releases

PAC Change Management does not support M7 Hardware Keys.

Americas Support – Technical and Commercial
Phone: 1-888-565-4155 or 1-434-214-8532 (if toll free 800 option is unavailable)
Email for Technical Support: **support.mas@Emerson.com**
Email for Commercial Support: **customercare.mas@Emerson.com**
Primary language of support: English

Europe, Middle East, & Africa Support – Technical and Commercial
Phone: +800-4-444-8001 or +420-225-379-328
(if toll free 800 option is unavailable or dialing from a mobile telephone)
Email for Technical Support: **support.mas.emea@Emerson.com**
Email for Commercial Support: **customercare.emea.mas@Emerson.com**
Primary languages of support: English, German, Italian, Spanish

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+65-6955-9413 (All Other Countries)
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Email for Commercial Support Asia: **customercare.cn.mas@Emerson.com**
Primary languages of support: Chinese, English

Support Website: www.Emerson.com/IAC-Support

Home Website: www.Emerson.com/PACSystems

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