



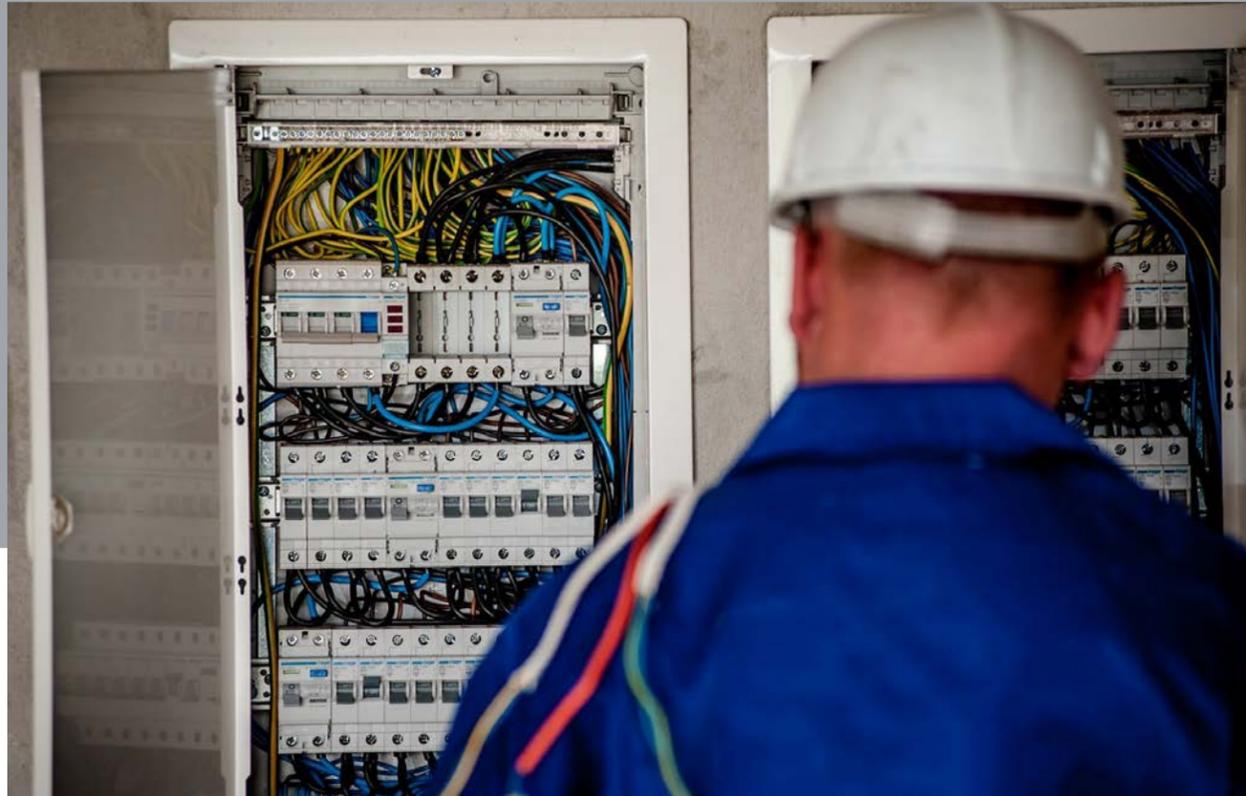
# JMP Solutions

*Industrial Technology Partner to the Fortune 1000*

## Asset Management and Version Control

**Securing the Assets Responsible for Your  
Most Critical Processes**

# Asset Management and Version Control



## OT ASSET MANAGEMENT AND VERSION CONTROL

Asset management is a critical consideration, particularly as the breadth and scope of unique components within a control system network grows. Asset lifecycle management introduces the potential to maximize overall equipment effectiveness (OEE) and controls synergy through optimizing equipment compatibility and providing guidance and traceability through a dynamic modernization and upgrade process. As manufacturers find themselves with a digital transformation goal, they are often met with an inventory of assets from multiple eras, at various stages of their useful service life, and with limited compatibility with new assets that tend to reduce efficiency. Incorporating asset management with a digital transformation strategy allows for the most fluid, safe and compliant process for component migration and control system modernization.

At JMP we take a consultative approach to asset and change management and pay close attention to your current workflows, processes and your desired business outcomes. We implement more than just the technology. We implement procedures that ensure the technology delivers results that are precisely aligned with your vision and priorities.

The management process of automation related assets such as PLCs and their peripherals extends well beyond simply the physical hardware and focuses on the digital assets within these controllers. Critical process and operational application data that reside in these OT assets need to be controlled allowing for only authorized access, tracking of changes and version backup and archiving. Including a digital asset management strategy and associated infrastructure as part of a manufacturer's digital roadmap provides transparency and peace-of-mind. All user activity and program changes are documented and traceable while leveraging a centralized database allows for version control and access to previous revisions for easy roll back in case of a disaster situation or unexpected impact of a new configuration.



### AUTHENTICATION: USER ACCESS

User access to assets and their ability to make changes differ depending on the process and the user credentials. These access rights are secure, easily enabled (or disabled) and transparent so that every action can be traced back to a user. Flexible configuration allows your security to be as open or closed as you require.



### AUDIT: TRACKING CHANGES / ACTIONS

Arguably the most critical component of change management is the audit path that serves to document and log all engineering changes. The system automatically generates operator logs of navigation history, tag creation and any alterations that are made to the engineering and maintenance software.



### ARCHIVING AND VERSIONING

Files can be checked out of the system for user to access and work on while disconnected from the network. Files are then checked back in and the old version is archived, overwritten and the new version is applied. Archiving of critical data is a key step in the planning and implementation of a disaster recovery plan.



## **JMP Solutions**

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