Scalable Asset Inventory Management: A Better Way
Introducing **Asset Inventory Manager**

Enterprise-level asset correlation, tracking and alerting

**Productivity and Uptime**
Enables improved asset utilization and efficiency through proactive lifecycle analysis of the automation assets within the enterprise.

**Reduce Downtime, Risk and MTTR**
Provide a unified data experience for reviewing and planning proactive maintenance plans. Reduce repair times with device configurations located quickly and efficiently.

**Integrate Business Systems**
Operationalize the interconnected nature of your facilities by allowing Asset Inventory Manager to automatically trigger computerized maintenance management solution (CMMS) work orders and ERP procurement workflows.

**Improve Product Quality**
Zero in on improved yield by streamlining change management within your control systems’ assets by implemented versioning and tracking of automation assets changes.
What does **Asset Inventory Manager** provide?

A centralized and up-to-date repository of installed automation assets across the enterprise

**Capabilities**

Automated Installed Base report / Inventory of assets discovered
Firmware information includes release notes, product notices and product service advisories.

Product lifecycle state
Discontinuation date and replacement product.

Notification of hardware changes / faults
Track number of hardware change outs.

Inclusion of offline inventory data

Activation Inventory / Management
Track software usage by device and date.

Integration to existing systems
- Inventory analysis – spare parts by location
- Integration to ERP / CMMS
- Workflows for alerting and system integration
Asset Inventory Manager (AIM) Architecture

Enterprise inventory high-level architecture

CORPORATE

Business Systems

Product Compatibility

Download Center

Lifecycle Database

Asset Inventory Manager

- Enterprise inventory
- Part number, series, revision and so on
- Identify duplicates
- Offline files
- Lifecycle status

- Product compatibility
- Download Center connectivity
- Audit view
- Spare parts integration
- Device data

Visualization & Integration

Manually collected

SITES

- Inventory Agent
- Configuration Store
- Audit

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- Application Servers

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Helping manufacturers by **reducing asset management challenges**

**Costly** and **time-consuming manual** hardware counting and evaluation process

All assets are **not connected** but need to be included

**Multiple brands** and types of assets

Having the **right number of spare parts** at the right location

Maintaining **hardware standards**

Managing and validating system **upgrades and patching**

Understanding and maintaining the **asset lifecycle**
Know *more* about what you have...

A centralized and up-to-date repository of installed automation assets across the enterprise

**Automated Installed Base report**
- Inventory of assets discovered
  - Third-party assets are discovered
- Firmware metadata display most current minor and major release available
- For each firmware version displayed links are provided:
  - Release Notes
  - Product Notices
  - Product Service Advisories

**Product lifecycle state**
Discontinuation date and replacement product

**Lifecycle analysis**
Track number of hardware change outs
- Firmware metadata display most current minor and major release available

**Notification of architecture changes**

**Track hardware faults**
Report on the number of hardware change outs
Extract **configuration information**

Not all assets are connected

Asset configuration files managed in FactoryTalk® AssetCentre

Extract inventory information from application and files

- Catalog Number
- Series
- Firmware
- I/O module

Automatically trigger collection on “check-in”

Results included in Asset Inventory totals
Know more about your inventory on hand with **Inventory Management**

**Total number by part**
- Use for spare parts analysis
- Right number of spares at right location
- Identify warehouse items no longer in production

**Engineered solution – integration into customer’s existing software**
Know who did what with an Enterprise Audit

All user changes are tracked in FactoryTalk® AssetCentre offering a central view of all your audit trail filtering by **resource** or **asset**

**ARCHIVE & DISASTER RECOVERY**
- Centrally manage versions of programs, files and folders
- **Automate** backup of automation assets
- **Generate** detailed difference detection reports of assets

**AUDIT**
- **Track** user actions – who did what, when, where?
- **Ad-hoc reporting** associating users, assets and programs
- **Automate** the reporting process via email

**SECURITY**
- **Restrict** viewing of artifacts
- **Help prevent** unauthorized access to make changes
- **Help prevent** unauthorized users from **creating** new versions

**LIFECYCLE MANAGEMENT**
- **View** Rockwell Automation product lifecycle status and inventory for your plant floor devices
- **Compare and detect** changes in deployed plant floor devices

**EXTENSIBILITY**
- **Ability to extend** and add support for third-party devices
- **Web client available** to **track assets** from a mobile device

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**Discover a better way**
**PG 12**
Know more about what is being used with Activation Management

**Inventory of Rockwell Automation software activations**
- Product
- Serial number

**Audit trail by serial number**
- Who used the software
- From which device
- Date and time
AIM offers business systems integration

Application connectivity with customized workflows, enabling seamless integration to systems across your enterprise.

Leverage the essential capabilities of Asset Inventory Manager to connect to your ERP system, allowing for the operationalization of:

- Automatic procurement of replacement parts
- Removal of replaced hardware from inventory

Synchronize your automation assets maintenance needs:

- Replacement of automation assets automatically triggered on their lifecycle status
- Achieve asset health and up-to-date configuration with maintenance personnel by alerting on firmware minimum/maximum revision compliance alerts

The Asset Inventory Manager allows for custom workflow creation to build integrated rules providing the ability to:

- Mitigate risk by enabling alerts for product service advisories to corporate and site-based resources
- Automatically alert specific users when changes are made to an automation asset’s configuration
Discover a better way with
Asset Inventory Manager

- Increase productivity and uptime
- Reduce downtime, risk and MTTR
- Integrate business systems
- Improve product quality
Connect with us.

AMERICAS: Rockwell Automation, 1201 South Second Street, Milwaukee, WI 53204–2496 USA. Tel: (1) 414.382.2000, Fax: (1) 414.382.4444.
EUROPE/MIDDLE EAST/AFRICA: Rockwell Automation NV, Pegasus Park, De Kleetaan 12a, 1831 Diegem, Belgium. Tel: (32) 2 663 0600, Fax: (32) 2 663 0640.
ASIA PACIFIC: Rockwell Automation, No. 2 Corporation Road, Singapore 618494, Singapore. Tel: (65) 6302 8888, Fax: (65) 6302 8787.
UNITED KINGDOM: Rockwell Automation Ltd., Pitfield, Kiln Farm, Milton Keynes, MK11 3JR. United Kingdom. Tel: (44)(1)(908) 838-800. Fax: (44)(1)(908) 261-917.

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