



SICAM 8
Power Automation Platform

ELECTRIFICATION & AUTOMATION

OT Asset Manager

Centralized asset transparency

OT Asset Manager is a SICAM 8 application that provides centralized visibility of OT assets across substations. By continuously maintaining an up-to-date inventory of devices, including hardware and firmware versions, it helps operators strengthen cybersecurity, simplify compliance, and improve operational efficiency.

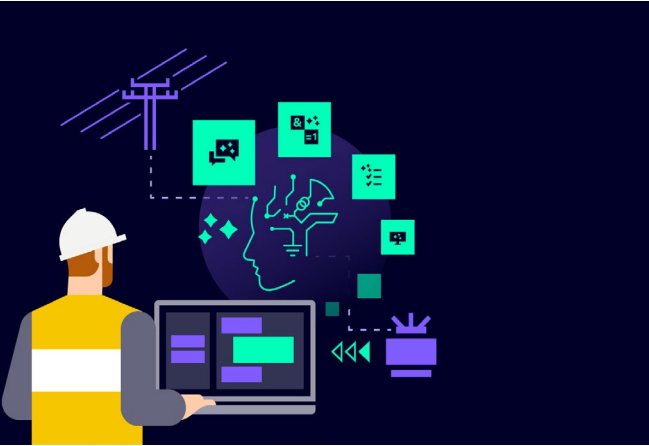
Designed for critical infrastructure environments, OT Asset Manager is deployed fully on-premise, ensuring sensitive operational data remains local and secure while meeting stringent security and reliability requirements.

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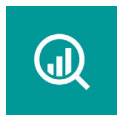
Managing complex OT environments with confidence

Operators of critical infrastructure, including utilities, industrial facilities, and transportation networks, must manage increasingly complex OT environments characterized by distributed assets, evolving cybersecurity threats, and stringent regulatory requirements. OT Asset Manager provides the visibility and control needed to address these challenges by:



- Maintaining a centralized and up-to-date inventory of OT assets across substations and other operational sites
- Supporting cybersecurity processes, including vulnerability identification, risk assessment, and patch planning
- Providing audit-ready documentation to facilitate compliance with regulatory requirements
- Enabling more effective maintenance planning and asset lifecycle management to improve operational reliability

Unlock the value



Full transparency of OT assets

Central, always up-to-date overview of all installed devices and their firmware versions



Improved cybersecurity and compliance

Identify affected assets quickly and support regulatory requirements such as NIS2 through reliable asset data



Reduced manual effort

Replace fragmented tools and manual documentation with automated asset data collection



Increased operational efficiency

Enable faster decision-making, better maintenance planning, and reduced audit effort



Secure on-premise deployment

Maintain full control over sensitive operational data without relying on cloud connectivity

System concept

OT Asset Manager is part of the SICAM 8 portfolio and operates at the substation level. Asset data is collected via Asset Collectors and is derived from existing system data sources (e.g. file archives), ensuring minimal additional integration effort. The solution provides the foundation for further functionalities such as advanced dashboards, topology views, and vulnerability management in future releases. Today, many of these processes are still performed manually, which makes them time-consuming and error-prone.

Highlights

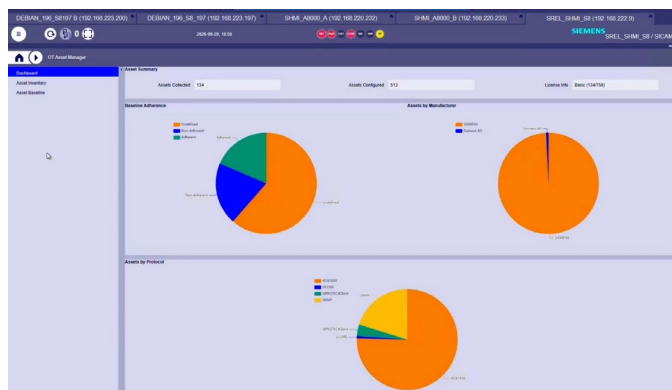
Central asset inventory

Automatic collection of OT asset data across substations

- Vendor-independent support via standard protocols (e.g. SNMP, IEC 61850)
- Continuous overview of devices, hardware types, and firmware versions

Baseline and version comparison

- Comparison of installed vs. expected firmware versions
- Identification of inconsistencies and outdated components
- Generation of reports to support audits and maintenance planning



Asset inventory

Cybersecurity and lifecycle support

- Mapping of vulnerabilities and end-of-life information to asset inventory
- Support for structured patch and update planning
- Data foundation for cybersecurity audits and compliance processes

Secure integration in SICAM 8

- Integrated into the SICAM 8 environment
- Secure access via role-based access control (RBAC), LDAP, and HTTPS
- Encrypted communication (TLS)

Data export and interoperability

- Export of asset data for use in third-party systems
- Basis for further integration into higher-level systems or cloud solutions if required

The screenshot shows the 'Asset Baseline' section of the SICAM 8 software. It displays a table with columns for Asset Name, Device Type, Location, Manufacturer, Installed Version, Baseline Version, Serial Number, and Last Modified. The table lists various assets and their corresponding data.

Asset baseline

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