

## ELECTRIFICATION X

# OT Companion

Master the OT Inventory of Your Power Systems, Mitigate Cyber Risks Effortlessly

### Challenges for Power Systems Operators

Managing operational technology (OT) assets like protection relays, RTUs, switches, routers, and PCs across diverse vendors and generations is complex. Tracking and prioritizing security patches and vulnerabilities are even more challenging due to the lack of field-level transparency. This fragmented environment increases operational effort and risk.

### A Scalable Solution to manage OT Inventories and Cybersecurity Risks Continuously

Electrification X - OT Companion helps power system operators overcome these challenges with a structured and automated approach aligned with IEC 62443 standards.

Key capabilities include:

- **Comprehensive OT Asset Management:** Maintain a centralized inventory of multi-vendor, multi-technology and multi-generation OT components across substations.
- **Automated Monitoring:** Continuously monitor assets and ensure adherence to baseline configurations with standard protocols like IEC 61850 and SNMP.
- **Proactive Vulnerability Management:** Identify, prioritize, and act on relevant vulnerabilities using tailored workflows and linked to your specific OT devices.
- **Integrated Patch Management:** Plan, track, and document patch deployment workflows to mitigate risks and meet SLAs.

### Cybersecurity at Its Core

With a strong focus on security, Electrification X - OT Companion ensures that your data is secure both in motion and at rest. Plus, data access is strictly controlled and protected. Features include:

- Cloud-based Certificate Authority with X.509 certificates for authorized device onboarding.
- Multi-factor authentication (MFA) and role-based access control via SiemensID
- Continuous integration with Siemens' central vulnerability database for real-time risk visibility curated by cybersecurity professionals.

### Your Key Benefits

Electrification X – OT Companion is a browser-based application that helps you to maintain transparency of your installed base of energy automation components, facilitate effective security patch management, and comply with related cyber-regulations.

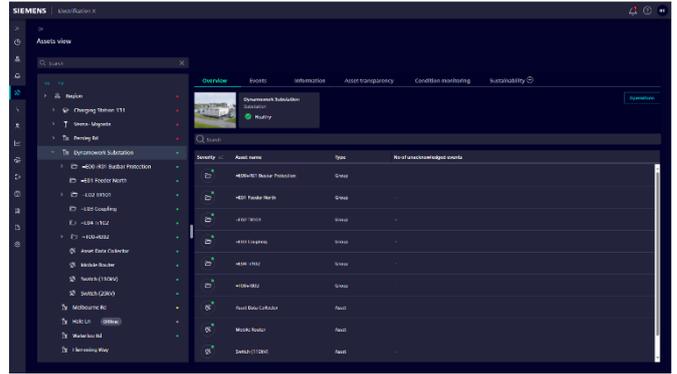
-  **Enhanced Visibility:** Gain full transparency of your OT assets and their operational configuration.
-  **Improved Cyber Resilience:** Address vulnerabilities with actionable insights and structured workflows.
-  **Efficiently and automatically identify security patches and vulnerabilities directly mapped to your OT and operational-IT components to ensure efficient security patch management**
-  **Cost Efficiency:** Save time and operational expenses with automation and streamlined processes.
-  **Simplified Compliance:** Meet regulatory standards like IEC 62443 and requirements from directives like NIS-2 and NERC CIP.

## Functions at a glance

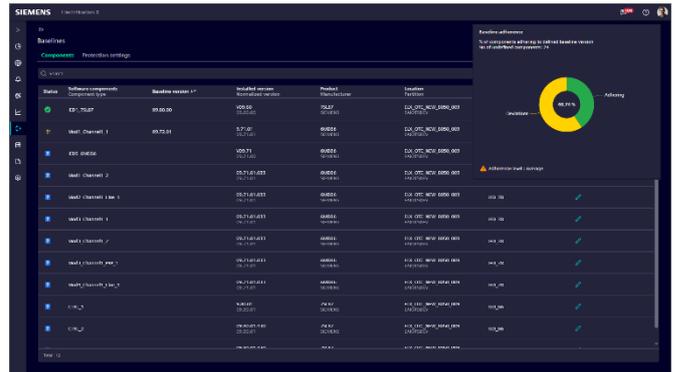
- **OT Inventory Management:** Record and contextualize detailed asset data, including firmware and network configurations.
- **Baseline Management:** Define and monitor baseline versions for installed software and firmware to identify discrepancies.
- **Vulnerability Monitoring:** Stay ahead of threats with real-time alerts linked to MITRE's CVE® Program.
- **Patch Management:** Plan, document, and track risk assessments and patch deployment with integrated workflows.
- **Product Data Management:** Enrich your catalog of typically operated products with custom data for a complete picture.
- **Email notifications** about new vulnerabilities or task assignments ensure timely call to action to involved stakeholders

## Empowering Operators at Every Level

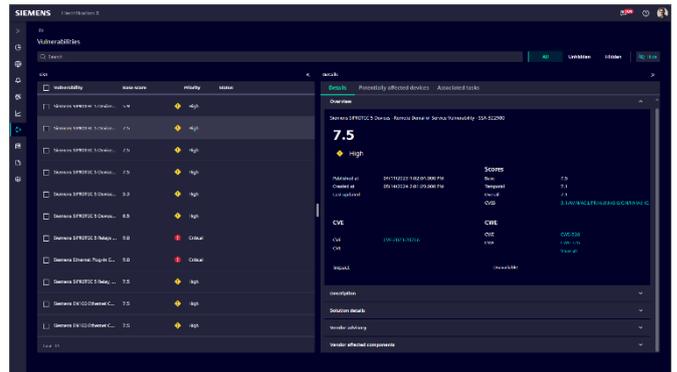
Electrification X - OT Companion bridges the gap between high-level decision-making and field-level operations. Its browser-based interface provides instant access to the necessary information and actionable metrics making it an indispensable tool for taking control over your OT inventory and holistically drive the improvement of the system's integrity.



OT Asset Transparency



Baseline Management



Vulnerability Monitoring

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