

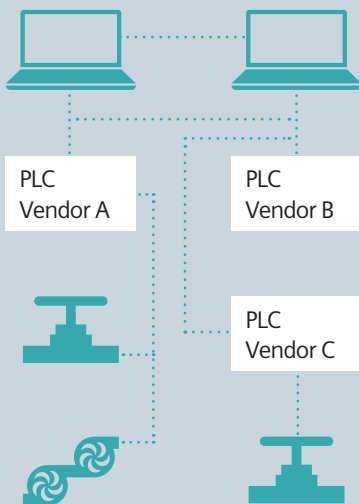
SIEMENS

Ingenuity for life

Cyber Asset Management

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Complex architecture of vintage computers and multiple vendors



Customer Challenge

Over the past 30+ years, operational technology assets have grown often beyond organizations' ability to manually track them.

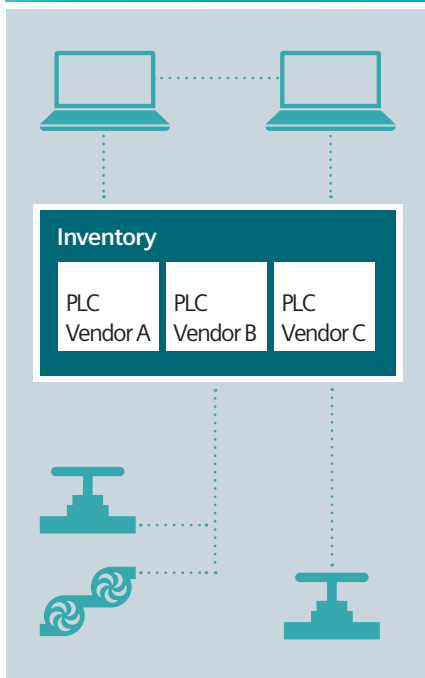
As a result, plant managers and engineers lack a complete picture of all **their connected assets**.

Only with an **up-to-date, comprehensive asset inventory** can companies secure against unauthorized changes, ensure compliance, mitigate cyber risk, and **improve process safety**.

Our customers know centralized monitoring and management of heterogeneous industrial control systems is a **complicated and labor-intensive process**. Often information is manually collected, stored in a database tool and quickly obsolete. Traditional IT-based inventory tools are not sufficient to collect the deep proprietary configuration data required to meet established OT cybersecurity best practices.

In order to meet this challenge, customers require dedicated OT solutions, backed by **deep domain expertise**.

Centralized cyber inventory monitoring



Solution

Siemens in conjunction with **technology partner PAS™** delivers a solution to this challenge by providing automated, multi-vendor Cyber Asset Management. Siemens Cyber Asset Management service offers a **holistic view across multiple control systems and multiple plant locations**.

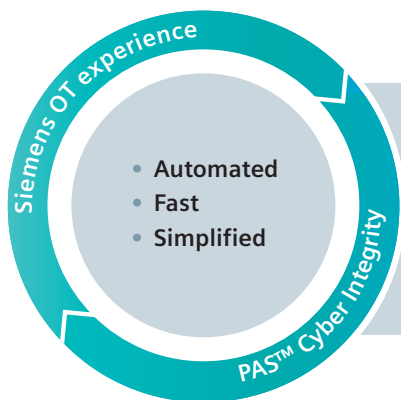
The **Siemens-PAS combined capability** provides industrial inventory, configuration change management and advice on potential cyber security threats.

This solution...

- Allows for **automatic inventory** of operational technology (OT) cyber assets and their configurations
- Establishes a **security baseline** and monitors configuration data changes
- Provides **expert security advice** derived from Siemens operational and cyber security domain expertise
- Enables **incident response** in the case of unauthorized changes or security events
- Facilitates easier, faster **compliance** with regulations and policies

This Cyber Asset Management solution provides customers with **technical support for designing, deploying and supporting** the PAS Cyber Integrity software on the control system network. The solution also includes technical support access for:

1. **Collecting** complete device data and configurations down to level 0 devices
2. **Analyzing** PAS generated reports by drawing upon Siemens domain expertise to provide insights and context
3. **Translating** insights into actions by helping customers continuously understand and address their cyber security risk exposure



Benefits

Siemens Cyber Asset Management is the only solution in market providing OT asset visibility out to the edge and combines dedicated expertise to translate security data into a robust OT cyber program.

- **Multi-vendor and Multi-site solution**
- Siemens **installs, configures and monitors** PAS Cyber Integrity tool
- Siemens provides customizable analysis and reporting that provides **comprehensive interpretation, guidance and response**
- Siemens delivers security team training, dashboard creation and other forms of support to **empower in-house teams** to strengthen their OT cyber posture

Part of a comprehensive solution set...

Cyber Asset Management is a key part of Siemens cyber solutions offerings that include **Vulnerability Management** and **Plant Security Monitoring**. Alone, Cyber Asset Management provides visibility into heterogeneous OT installed systems identifying how potential attackers exploit the system. However when matched with Vulnerability Management and Plant Security Monitoring, customers **gain deeper understanding of how an attack is forming, when an exploit is taking place, and what an attacker is changing**. Combining Siemens expertise with these services provides a complete picture across the OT environment and optimizes your **ability to prevent, detect, and respond to attacks**.