

OT & IoT Security You Could Trust

The SCADAfence Platform Overview

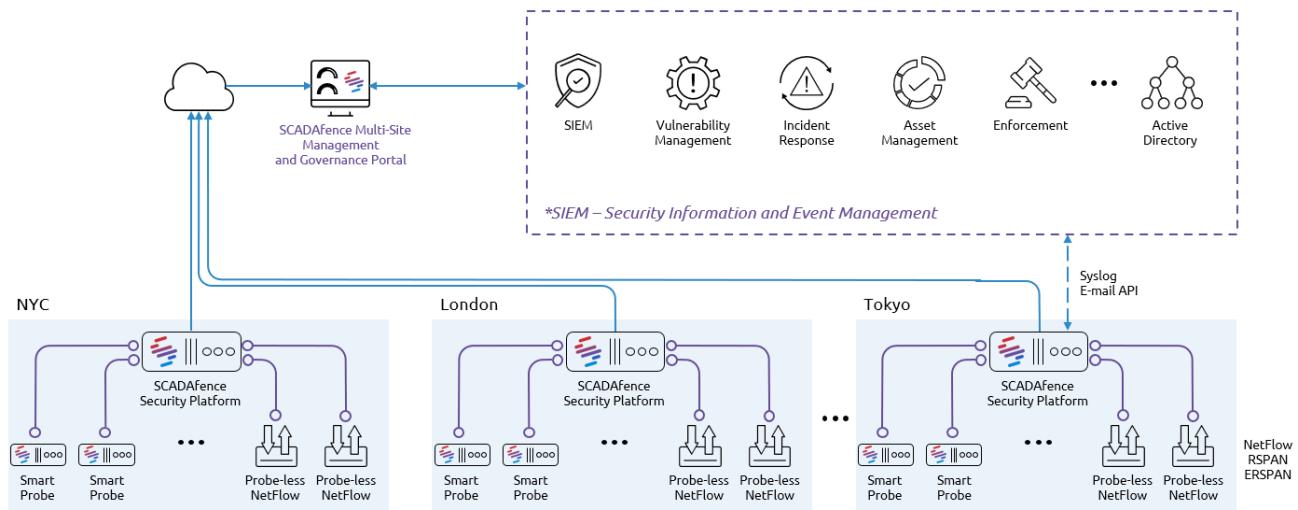
The SCADAfence Platform is the most comprehensive cyber security solution for OT and IIoT networks. It provides complete visibility, detailed traffic analysis, and full threat detection capabilities. As the industry leading solution for maintaining reliable network security, the SCADAfence Platform offers superior protection from cyber security threats and operational failures.

The SCADAfence Platform boasts the most advanced analysis and security engines, including our patented granular adaptive baseline which provides superior detection capabilities, with the lowest false positives - even in complex networks.

The Key Benefits of the SCADAfence Platform

- **Asset Management:** Helps you gain full visibility into all the OT, IoT and IIoT devices on your network/s.
- **Risk Management:** Helps you understand and manage exposure and risk levels of the OT/IIoT network, including vulnerabilities and CVEs.
- **Threat Detection:** Gets you notified of potential cyber threats to network security and assures the continuity of your industrial processes.
- **Remote User Security:** Monitors all remote user activity inside your OT/IIoT network.
- **Accuracy:** Provides the fewest false-positives of any OT Security solution (40% more accurate than any competing product).
- **Easy To Install:** Integrates into your current security architecture. You can get up and running in less than a day.

The SCADAfence Platform's Distributed Architecture



Questions you might ask us:

How does the SCADAfence Platform integrate into my current security architecture?

- The SCADAfence Platform monitors your network and analyzes the traffic by performing deep packet inspection of all data that flows in and out of the network.
- It is the most scalable system in the market, both from an architecture standpoint and from a security analysis standpoint.
- The SCADAfence Platform can be obtained in multiple form factors: Installable software, ISO file, VM, or a pre-installed appliance.
- The SCADAfence Platform has the most cost-effective distributed architecture, supporting NetFlow and ERSPAN protocols, which reduces the number of monitoring points deployed and minimizes maintenance costs.

How does the SCADAfence Platform integrate with 3rd party systems?

The SCADAfence Platform supports many integration scenarios, with multiple types of systems:

- Notifying SIEM systems.
- Alert notifications and integrations with incident management systems.
- Enforcing policy by integration with firewalls.
- Network access control tools.
- Remote access gateways.
- Integration with ticketing systems.
- Vulnerability management.
- Asset management.

For incident handling, we believe that the most effective security architecture is an integration with a SOAR system, and activated pre-defined playbooks to handle the alerts.

Multi-Site and MSSP Scenarios

The SCADAfence Platform is highly scalable and can support up to hundreds of distributed locations managed centrally via the multi-site portal. Data from all sites is centrally aggregated, including full asset inventory, traffic and alerts data.

Workflows such as alert handling and central site configuration are also available. All updates in the center are automatically pushed to the managed locations.

The SCADAfence Multi-Site Portal

- **Central Security Management** – Two-way communication with sites, enables handling alerts from one central system, interface with distributed sites, and with SIEM and SOAR systems from a central location.
- **Automate Site Management** – Central configuration management, central licensing, automated software updates, and more.
- **MSP Ready** – Public or private cloud enabled. Manage multiple organizations / customers with secure, full data segregation and more).

The SCADAfence Cloud

To support distributed deployments at an optimum level, SCADAfence offers an advanced cloud infrastructure with the following capabilities:

- Cloud hosting of multi-site portal and compliance management.
- Continuous security updates for the SCADAfence Platform (e.g. CVEs, signatures, and more).
- On-line software upgrades.
- Distributed deployment health monitoring and troubleshooting.

Managed Security Services (for MSSPs)

SCADAfence's Cloud portal offers MSSPs and large enterprises the required hierarchy and account management capabilities needed for a central managed security service.

Remote Access Security

The SCADAfence Platform adds an additional layer of security by correlating between the users accessing the network remotely and their activities in the OT network. It can detect and alert on anomalous or unauthorized actions and provides association with the username, originating workstation and application.

Unlike other solutions, this does not require adding additional in-line components or changing the network architecture.

Regulatory and Policy Compliance Management

SCADAfence also offers an additional product that addresses the need for compliance with organizational policies and industry regulations:

The SCADAfence Governance Portal.

The SCADAfence Governance Portal enables the IT and audit departments to centrally define and monitor the organization's adherence to company policies and OT-related standards and regulations such as IEC 62443, the NIST framework, and every major compliance framework for OT. It also covers internal policies and best practices.

This enables CISOs to plan their cyber security strategy, and report and measure their organization's compliance based on the actual data derived from the networks.

Configured and managed centrally, the SCADAfence Governance Portal provides the ability to define a holistic organizational policy – compliance to regulations and to organizational policies. It then tracks and measures compliance and monitors the progress made over time across distributed sites. It also includes support for incremental, time-based changes.

The compliance status is displayed on detailed dashboards and reports. The SCADAfence Governance Portal determines compliance status based on actual network traffic, instead of relying on historical data or on estimations.

Benefits of the SCADAfence Governance Portal

- **Central Governance** - Continuously monitor your remote sites' adherence to industry standards IEC 62443, NERC CIP, NIST, ISO 27001 and others, and organizational policies.
- **Always Up To Date** - Based on real time data extracted from your network. Provides continuous, real time visibility to the adherence of regulations and industry frameworks.
- **Improves Over Time** - Track improvement of organizational compliance over time.
- **Reporting** - Automatically generate compliance reports for executive and on-site teams
- **Reduce Costs** - Centrally managing the governance of an organization's remote sites, eliminates the need for travel and on-site audits.

Managed Services

If your organization is interested in a more personalized experience for your OT security, SCADAfence offers managed services. As a managed services client, you'll receive assistance directly from our OT security analysts. You will get weekly calls and detailed monthly reports.

This close collaboration allows us to deliver you peace of mind, focus, and consistency, even if you are understaffed in your OT departments.

Additional Useful Links

The SCADAfence Website –
www.scadafence.com

The SCADAfence Resource Center - <https://www.scadafence.com/resources-center/>

Book a demo: <https://l.scadafence.com/demo>

[The SCADAfence Youtube channel](#)

[Follow SCADAfence on LinkedIn](#)

[Follow SCADAfence on Twitter](#)

[The Managed Services Webpage](#)

Benefits of SCADAfence Managed Services

- **Faster & Better Detection & Response -**

Reduced mean time to detect (MTTD) and mean time to recovery (MTTR) by working with a team of seasoned veterans who are OT security subject matter experts.

- **Monitor Improvement Over Time -**

Customers receive a monthly OT security report that provides a better understanding of each OT asset in your network, and our suggestions for proper remediation of threats before the vulnerabilities can be exposed.

- **Automated Asset Inventory -**

Automates your entire asset inventory with detailed information on all the devices (depending on traffic analyzed) connected to the network.

- **Prioritize Vulnerabilities -** Helps your organization understand and prioritize IT and OT vulnerabilities & network visibility information.

The Most Awarded In Our Industry

Over the last three years, SCADAfence has won multiple industry awards, including Gartner's Cool Vendor, Frost & Sullivan's Entrepreneurial Company of the Year, ranked the highest in ISG's Quadrant report, and has won many other awards for ICS / SCADA Security, Compliance & Critical Infrastructure Protection.



Highest detection rates & lowest false positives CPS Security



Entrepreneurial Company of the Year
Frost & Sullivan 2021



Best SCADA Security Solution
SC Magazine 2021



Market Leader in OT Security
ISG 2020 & 2021



Outstanding in innovation
KuppingerCole 2022

About SCADAfence

SCADAfence is the global technology leader in OT & IoT cybersecurity. SCADAfence offers a full suite of industrial cybersecurity products that provides full coverage of large-scale networks, offering best-in-class network monitoring, asset discovery, governance, remote access, and IoT device security. A Gartner "Cool Vendor" in 2020, SCADAfence delivers proactive security and visibility to some of the world's most complex OT networks, including the largest manufacturing facility in Europe. SCADAfence enables organizations in critical infrastructure, manufacturing, and building management industries to operate securely, reliably, and efficiently. To learn more, visit our [website](#), check out our [blog](#), or follow us on [LinkedIn](#).

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