CHECK POINT + SCADAFENCE
SECURE MANUFACTURING NETWORKS

Benefits

- Integrated and centralized IT and OT security management, combining leading IT solutions with passive OT monitoring
- Holistic visibility of day-to-day operations in the industrial environment
- Real-time detection of cyber-attacks in the industrial environment
- Predictive alerts before downtime affects mission critical systems
- Advanced forensics tool to identify incident root cause and reduce response time
- Smart planning of IT/OT network separation and segmentation in the industrial network

INSIGHTS

The adoption of connecting OT (Operation Technology) or ICS/SCADA networks to external networks and IT (Information Technology) networks provides many benefits, such as reduced maintenance and management consolidation. While this shift increases productivity and reduces production costs, mission critical systems are now exposed to a new threat vector. Traditional IT technologies were not designed for industrial environments, and may leave OT networks unprotected. This creates a significant risk and potential downtime to manufacturing processes in pharmaceutical, chemical, food & beverage and automotive industries.

Pinpointing the root causes of downtime and other errors is often difficult, making it hard to differentiate between operational and security-related incidents and making repeat incidents inevitable. The result is a significant, negative impact on revenue.

INCREASE VISIBILITY TO IMPROVE SECURITY

Check Point and SCADAfence are partnering to provide a secure solution for manufacturing networks by integrating Check Point's leading IT security solutions and SCADAfence's passive, risk-free network monitoring system.

- Today, the management of assets and network activity is often a labor-intensive management process. SCADAfence automates these processes and provides real-time continuous visibility, including asset discovery, asset inventory and network topology — accessible through an interactive interface or offline digitalized reports.
- SCADAfence analyzes the different roles and activity of the industrial assets to enable administrators to determine the optimum location and configuration of IT/OT separation and internal firewall segmentation. Separating the IT and OT environment and creating segmentation inside the industrial network using Check Point ICS/SCADA firewalls reduces the attack surface.
- By analyzing internal network communications and performing deep packet inspection of industrial protocols, the Check Point and SCADAfence integrated solution detects anomalous behavior from various sources such as malicious malware and vulnerabilities and non-malicious human errors and misconfigurations. When an alert is produced, advanced forensics tools identify the root cause and reduce response time.
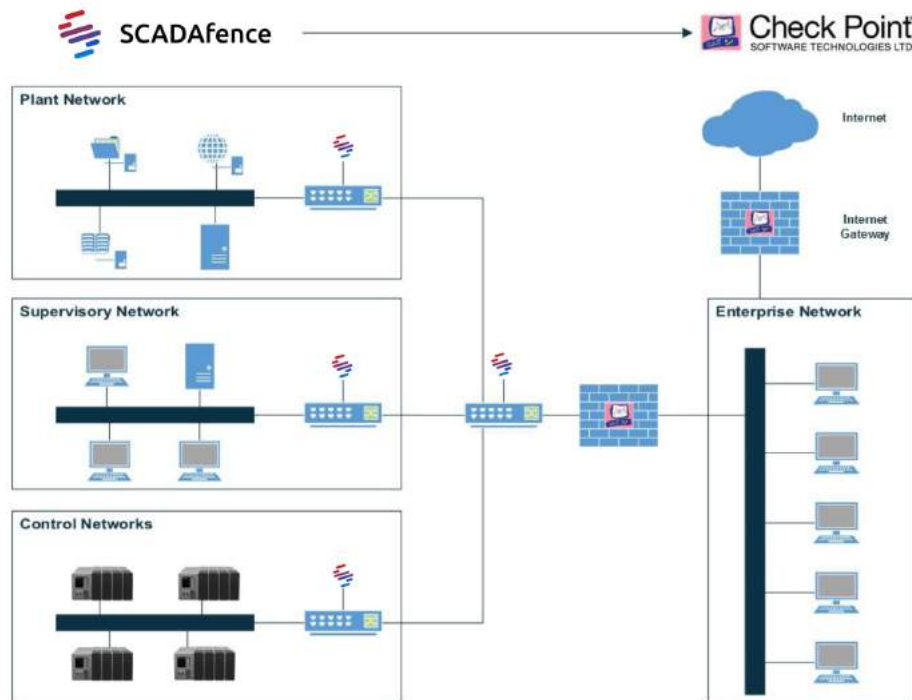
SCADAfence integration with Check Point

JOINT SOLUTION SUMMARY

Administrators and operators in smart manufacturing industries can take control of their industrial environment using the SCADAfence and Check Point solution. This passive, risk-free solution provides real-time automatic visibility of industrial network communications and enables better separation between the IT and OT networks as well as segmentation internally in the OT network. In addition, abnormal activities inside the industrial network are identified, reducing downtime in these mission critical environments.

ABOUT CHECK POINT

Check Point Software Technologies Ltd. (www.checkpoint.com) is the largest pure-play security vendor globally, provides industry-leading solutions, and protects customers from cyberattacks with an unmatched catch rate of malware and other types of attacks. Check Point offers a complete security architecture defending enterprises' networks to mobile devices, in addition to the most comprehensive and intuitive security management. Check Point protects over 100,000 organizations of all sizes. At Check Point, we secure the future.

ABOUT SCADAFENCE

SCADAfence is a pioneer in securing smart manufacturing industries such as chemical, pharmaceutical, food & beverage and automotive. In such industries, traditional security solutions are inadequate due to the unique requirements, technologies and components found in industrial networks. SCADAfence offers a solution designed to ensure the operational continuity of industrial networks by providing increased visibility and detection of operational and security threats. More information is available at www.scadafence.com.

CONTACT US

U.S. Headquarters | 959 Skyway Road, Suite 300, San Carlos, CA 94070 | Tel: 800-429-4391; 650-628-2000 | Fax: 650-654-4233 | www.checkpoint.com