

# CYBERARK AND SCADAFENCE ENHANCE VISIBILITY INTO CRITICAL OT NETWORKS

## HIGHLIGHTS

- Prevent malicious access to critical OT production components.
- Integrate with CyberArk Core Privileged Access Security Solution to validate remote access to OT assets.
- Identify rogue devices in the OT network.

The CyberArk and SCADAfence solution enables organizations to detect unauthorized remote access into their OT networks, proving the ability to monitor communication to critical assets and trigger an alert if connections have not been performed via a proper CyberArk authorized process.

## CHALLENGE

Operational Technology (OT) environments depend on reliable and quick response availability of remote access for support staff, for their normal day-to-day operations. Remote access to OT networks has long been a major need, and at the same time, presents a major security risk and introduces headaches for security admins.

The challenge lies within remote users having the ability to override formally approved procedures and can connect directly via modem, firewall holes or rogue network equipment.

## INTEGRATION VALUE

By integrating the CyberArk Core Privileged Access Security Solution with SCADAfence, organizations have the ability to validate the authorization of remote connections. This helps to prevent malicious access to critical OT production components. It helps secure “uncovered” attack vectors such as a modem, holes in the firewall or rogue network equipment.

## THE CYBERARK CORE PRIVILEGED ACCESS SECURITY SOLUTION

The CyberArk Core Privileged Access Security Solution is the industry’s most complete solution for protecting, controlling, and monitoring privileged access across on-premises, cloud, and hybrid infrastructure. Designed from the ground up for security, the CyberArk solution helps organizations efficiently manage privileged credentials and access rights, proactively monitor and control privileged activity, intelligently identify suspicious activity, and quickly respond to threats.

## THE SCADAFENCE PLATFORM

The SCADAfence platform continuously monitors OT networks and provides cybersecurity and visibility for ICS/SCADA networks. SCADAfence provides automatic asset discovery and inventory management, threat detection and risk management. Employing a wide range of algorithms, machine learning, and AI, it detects anomalies and security events that can compromise the availability and reliability of the OT network and its assets. SCADAfence is the only solution in the market that is able to support the unique requirements of largescale industrial networks from a size, complexity and coverage perspective while maintaining an affordable TCO.



SCADAFENCE PRODUCTS

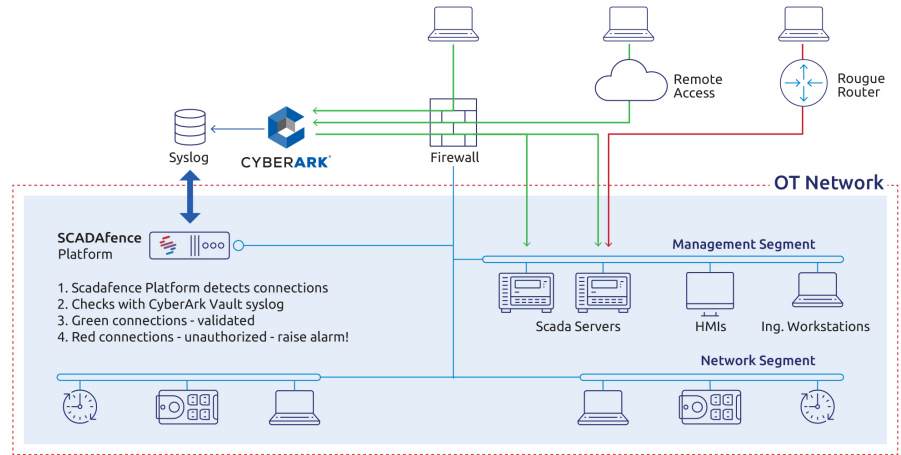
- SCADAfence Platform – Smart Monitoring for Industrial Networks

CYBERARK PRODUCTS

- CyberArk Core Privileged Access Security Solution

JOINT SOLUTION BENEFITS

- Prevent unauthorized access to critical OT assets
- Reduce risks to OT processes availability
- Reduce malware and ransomware infections threats



HOW THE INTEGRATION WORKS

The SCADAfence Platform monitors the critical OT equipment. Remote connections are validated against CyberArk Vault records. If no match is found, the remote connection has been created without CyberArk properly authorizing it. In these cases, the SCADAfence Platform triggers an alert. The security administrator is alerted to the incident. Further automatic enforcement with security devices (such as firewalls) can be implemented.

SUMMARY

Remote users can override the formal procedures using CyberArk, and can connect directly to critical OT systems, unauthorized and unmonitored, via uncontrolled attack vectors.

SCADAfence Platform, together with CyberArk can detect such unauthorized activity. This prevents malicious actions to critical OT production components. It covers these “uncovered” attack vectors and significantly reduces risk to critical OT components.

About CyberArk

CyberArk is the global leader in privileged access security, a critical layer of IT security to protect data, infrastructure and assets across the enterprise, in the cloud and throughout the DevOps pipeline. CyberArk delivers the industry’s most complete solution to reduce risk created by privileged credentials and secrets. To learn more, visit [www.cyberark.com](http://www.cyberark.com).

About SCADAfence

SCADAfence is the global technology leader in OT cyber security. The SCADAfence platform enables organizations with complex OT networks to embrace the benefits of industrial IoT by reducing cyber risks and mitigating operational threats. The non-intrusive platform provides full coverage of large-scale networks, offering best-in-class detection accuracy, asset discovery and user experience with minimal false-positives. SCADAfence delivers security and visibility to some of the world’s most complex OT networks, including the largest manufacturing facility in Europe. SCADAfence enables organizations in manufacturing, building management and critical infrastructure industries to operate securely, reliably and efficiently. To learn more, visit [www.SCADAfence.com](http://www.SCADAfence.com).

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