SCADAfence

How SCADAfence Provides Visibility & Reduces Risk for a Fortune 100 Oil & Gas Industry Leader

THE CHALLENGE:
Before deploying SCADAfence, a Fortune 100 refinery in the midwest had no visibility into their OT assets, vulnerabilities, or potential OT threats. The refinery needed visibility into their OT networks to rapidly detect and address misconfigured or malfunctioning equipment and to improve their operational efficiency.

THE OUTCOME:
Complete visibility into their OT network, detailed asset visibility, vulnerability management, and continuous threat detection - all while providing expert, collaborative support to the OT security team. These enable the refinery to significantly reduce risk on multiple vectors and ensure process continuity.

The midwest refinery is a global, Fortune 100 oil refinery company. The company refines, markets, and supplies propane, lubricants and renewable fuels. The refinery serves clients worldwide over the last 75 years, selling more than 3 billion gallons of gasoline and diesel fuel products annually.

Headquarters
The Midwestern United States

Sector
Energy

Industry
Oil & Gas / Agriculture

Production
100,000+ Barrels Per Day

EVALUATING THE REFINERY'S CYBERSECURITY CHALLENGES

The refinery needed an OT security solution that gave them full visibility into all their assets, across the wide variety of protocols and devices they have in their environment. The solution also needed to help them detect, manage, and prioritize vulnerabilities (including reporting on CVEs), and detect their top risks to their industrial devices. Additionally, they required continuous threat monitoring and anomaly detection to know immediately if there were any intrusions or malicious activities in their network.

Finally, the refinery needed an automated tool to help them achieve compliance with the NIST Cybersecurity Framework, recommended by the American Petroleum Institute (API).

FINDING THE RIGHT SOLUTION:

The refinery began a greenfield project with their automation partner, Logic, Inc. to improve data acquisition and monitoring in the refinery. During the project, the refinery and Logic, Inc. reviewed the refinery's overall cybersecurity posture to assess the refinery team's ability to predict, prevent, and respond to ever-changing cyber threats. Seeing an opportunity to gain greater asset visibility while improving their security strength, the refinery engaged the Logic team for a proof of concept using the SCADAfence Platform.

Immediately, The SCADAfence Platform was able to show the refinery's OT security team all of their vulnerable devices and firmwares in their OT network, on their PLCs, industrial gateways, switches, HMIs, and servers, that they were previously not able to see.

The SCADAfence Platform also met all of the refinery's requirements for detailed asset visibility, vulnerability management, and threat detection, while providing expert support to the refinery's OT security team.

The platform is user-friendly, easy to use, and is passive, meaning that it has zero impact on the OT network.

Every morning, the refinery's OT security team spends 5-10 minutes just reviewing what SCADAfence has found in their network.

> "One of the highlights of using the SCADAfence Platform is if you stick a device out there and forget to configure it, you get an alert that the device is out there requesting an IP address. It's not just a generic alert, but it tells you exactly what the device is, so you have an idea where to start looking, The SCADAfence Platform really lets us sleep better at night knowing that we will be alerted when something's starting to go wrong, even before things start shutting down."
>
> **Gene W**, OT systems administrator at the midwest refinery

WITH GREAT OT SECURITY
COMES GREAT RESPONSIVENESS

> *"You know the big thing with SCADAfence, that I've said all along is, SCADAfence as a company's responsiveness.*
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> *When they came in and showed us the platform, it sounded fantastic - and often between that point and issuing a PO and commissioning, you're like 'well it's doing most of what they promised' but with SCADAfence, we got 120% of what was promised instead of 80% what was promised - and that's rare in today's culture, where we got more than what was actually sold to us."*
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> **Gene W**, OT systems administrator at the midwest refinery

> *"The midwest refinery implements rigorous security protocols, and I am pleased we exceeded their expectations. The midwest refinery's OT security team loves the peace of mind that comes from using the SCADAfence Platform. I was impressed by the top-notch delivery and onboarding services that SCADAfence provided; I've never seen anyone come close to it. SCADAfence truly sets the bar for excellence in ICS security."*
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> **Clint Schneider,** Account Executive at Logic, Inc.

About Logic, Inc.

For four decades, Logic, Inc. has led the automation industry as a regional high-tech distributor of automation hardware and software solutions in the US Midwest. By combining best-of-breed vendors with technical excellence, Logic ensures customers have reliable industrial solutions where and when they need it most.
www.logic-control.com

About SCADAfence

SCADAfence is the global technology leader in OT & IoT cyber security. 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**.

GET STARTED TODAY
See how the midwest refinery uses SCADAfence to achieve these results

See it live