SCADAfence

CO$KUNÖZ HOLDİNG

Global Automotive & Aerospace Manufacturer Expands OT Visibility and Cybersecurity

THE CHALLENGE:

Before implementing the SCADAfence Platform, Coşkunöz had no visibility into their OT assets, vulnerabilities or OT security threats. Coşkunöz needed to deploy a stand-alone OT solution due to IT tools not providing them visibility or management for their OT assets and networks. Additionally, Coşkunöz increased the amount of IoT devices in their networks which resulted in their OT devices becoming more connected to the Internet which created more security risks.

THE OUTCOME:

Coşkunöz now has complete visibility into their OT networks, has up-to-date inventory of all their production assets, including detailed critical asset visibility and vulnerability management capabilities. Coşkunöz's OT team has continuous threat detection of known and unknown threats. Coşkunöz simply manages all their IoT & OT device connections from their multi-national locations all under one platform.

With over 70 years of production, Coşkunöz Holding is one of the largest industrial enterprises in the automotive and aerospace industry. Their manufacturing plants include assembly of bodies and components of automobiles and as well as the production and assembly of precision components for fixed or rotary-wing platforms in the aerospace sector.

Headquarters
Bursa, Turkey

Sector
Discrete Manufacturing

Industry
Automotive & Aerospace

Production
120,000 tons of metal parts annually

EVALUATING COŞKUNÖZ'S OT SECURITY CHALLENGES

Due to adopting new technologies and the increased usage of IoT devices, Coşkunöz experienced an increasing demand for integrating their OT networks with other connected networks. This created the challenge of managing and securing different cyber security risks and threats within their OT environments.

Given their need to secure their OT networks, Coşkunöz needed an OT security solution that would allow them to have full visibility into all their OT networks and assets across the multi-national sites of their automotive & aerospace parts plants. Additionally, Coşkunöz needed to adopt new security practices for their devices in their production environments.

Coşkunöz also needed to monitor and manage their OT networks for anomalies to know immediately if there were any intrusions or malicious activities in their networks. Finally, Coşkunöz was also seeking a solution that would provide them with OT vulnerability management capabilities with real-time security alerts.

> "We needed full visibility into our OT networks to prevent possible cyber incidents. The SCADAfence Platform was able to quickly detect any vulnerabilities and properly map out our OT devices in our different environments"
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> **Vedat DAVARCIOĞLU**, IT Systems & Service Manager, Coşkunöz Holding

FINDING THE RIGHT SOLUTION

After examining a variety of solutions, Coşkunöz determined that the SCADAfence Platform is the best solution for their OT security needs as it provides them with continuous visibility network monitoring, risk management, vulnerability management, and the threat detection capabilities that they require.

After implementing the SCADAfence Platform in their production environment, Coşkunöz immediately gained visibility into their entire OT asset inventory with insights into each device. Much to their surprise, many shadow OT devices were discovered for the first time. Coşkunöz immediately benefited from digitalizing their entire asset inventory and reducing their risk from attacks on their OT networks.

As Coşkunöz is a multinational company, which has 14 manufacturing plants worldwide, they deployed the SCADAfence Platform simultaneously. After deploying the platform they quickly gained complete visibility and management of their OT networks in their global automotive & aerospace manufacturing plants, where the SCADAfence Platforms were installed. This allowed Coşkunöz to have continuous threat detection of known and unknown threats for their global operations. Additionally, the SCADAfence Platform helps Coşkunöz's OT security team to monitor and detect all their worksite's network traffic and device connections, all in one place.

Coşkunöz then set up security alerts for cyber events and other anomalies in the platform, and within minutes they were alerted of different vulnerabilities within their OT equipment. For example, they had vulnerabilities in some PLCs, and were immediately provided with all the details (model and version numbers, CVEs and more) of the PLCs and were given the necessary information on how to mitigate the security risks. Coşkunöz's OT security team now is quickly reporting and responding to different vulnerabilities from security alerts all across their OT networks.

> *"Managing OT security risks needs a special solution which is designed for OT environments and SCADAfence is that special solution. We are now able to monitor all our network activity and device connections in one platform. We are instantly notified anytime there is any irregular activity in our environment and everything in between"*
>
> **Vedat DAVARCIOĞLU**, IT Systems & Service Manager, Coşkunöz Holding

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**.