

zenon by COPA-DATA & Radiflow iSID



Enhance SCADA system & asset management and improve risk scoring and OT network visibility

Cyber-securing OT networks, that have become prime targets to cyber-attacks in recent years, and managing complex industrial automation operations, both require full visibility and easy access to each and every asset on the industrial network, for reviewing risk and operational status, setting automation procedures, provisioning assets and more.

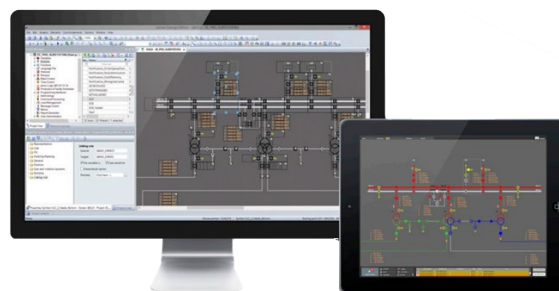
Now, COPA-DATA and Radiflow offer a bi-directional integrated solution for enhancing the functionality of both the zenon SCADA Management Platform and the iSID Industrial Threat Detection and Monitoring system, by correlating engineering/automation and cyber-defense data, all accessible through highly-customizable HMIs.

THE ZENON SCADA MANAGEMENT PLATFORM

zenon is a software platform that makes the engineering and automated operation of manufacturing and infrastructure equipment incredibly easy.

zenon enables SCADA operators to collect asset information from heterogeneous hardware arrays, linking and comparing data from multiple assets, visualizing the SCADA network and easily engineer automation solutions.

zenon provides OT operators with a extensive toolset for managing the entire SCADA process. Users are able to customize the visualization of the industrial network, create reports for any operational aspect, record and analyze automation processes, facilitate maintenance operations, and much more.



zenon's SCADA network visualization view

RADIFLOW iSID - INDUSTRIAL THREAT DETECTION

iSID provides superior threat detection and monitoring of abnormalities and changes in the network, as well as complete visibility of all networked assets, ports and protocols, based on self-learning of the OT network through passive scanning of all data transactions.

By continuously analyzing all data traffic, iSID can detect and alert against abnormal activity such as changes in the sequence of the industrial automation process, unauthorized network access and asset changes.

Furthermore, iSID's advanced attack vector analysis and business process risk scoring capabilities allow users to continually improve their cyber security capabilities in protection, monitoring and mitigation procedures, and optimizing the operator's investment in cybersecurity.



iSID's network asset and risk dashboard

USE CASES

Asset Enrichment

Purpose: optimization of threat mitigation through improved asset risk scoring

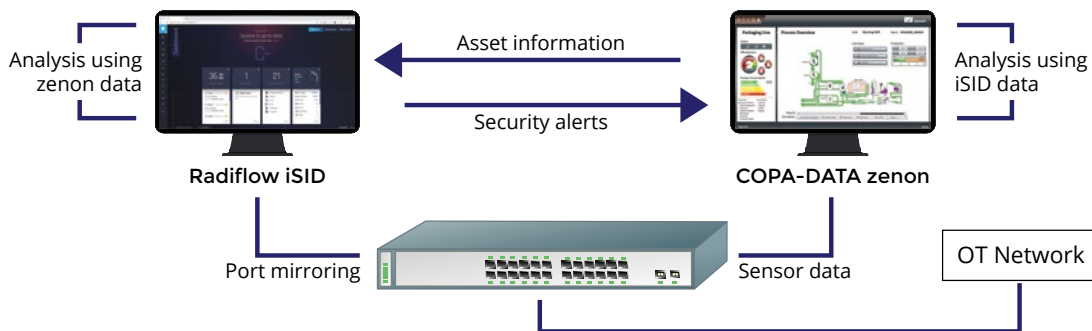
Asset configuration data sent to iSID from zenon is used to add context (device name, operational function, business process) and improve the accuracy of iSID's risk scoring algorithm, which defines which devices are most vulnerable to cyber-attacks and assists the user in prioritizing and taking the most cost-effective mitigation steps.

Security Visibility

Purpose: Single interface for improving response to security alerts and reducing operational complexity

Alerts relayed from iSID to zenon are displayed directly on the zenon HMI, leveraging the existing SCADA management interface to create a single-pane interface for operations and security.

By introducing security information into the operational system, the combined interface is able to improve response time to events and saves the need to set up a dedicated OT SOC or create a custom IT/OT integration.



The Radiflow - COPA-DATA integration

About COPA-DATA

COPA-DATA is the only independent software manufacturer to combine in-depth experience in automation with the new possibilities of digital transformation – reliable, future-proof and operating worldwide. We develop software for industrial automation that makes our customers' lives easier, and makes it easier for companies to implement their digitization strategies. COPA-DATA'S zenon is a software platform that makes the engineering and automated operation of manufacturing and infrastructure equipment incredibly easy. Whether working in manufacturing or in the energy industry, zenon can help you reach and sustain your operational goals. More at copadata.com.

About Radiflow

Radiflow is a leading provider of industrial cyber security solutions for critical business operations. Our comprehensive portfolio of cybersecurity solutions empowers critical infrastructure and industrial enterprises to maintain visibility, control and security of their operational environment. Our intelligent threat management for Industrial cybersecurity minimizes potential business interruption and loss within your OT environment. The Radiflow team consists of professionals from diverse backgrounds, from veterans of military cyber and communications units to former employees of leading players in the industry. Founded in 2009, Radiflow first solutions were launched in late 2011, validated by leading research labs and successfully deployed by major utilities worldwide. More at www.radiflow.com.