

The Indegy Industrial Cyber Security Platform

Protecting against operational disruptions caused by cyber threats, malicious insiders and human error by providing comprehensive visibility and control for industrial control systems (ICS).



The Lack of Visibility and Control in ICS Networks

ICS networks lack visibility and security controls. With the rise of external and internal threats targeting Operational Technology (OT) infrastructure, there is a need for a solution that provides real-time visibility and security while addressing the unique technical and operational requirements of these networks.



Protecting Industrial Control Assets and Processes

The Indegy platform discovers and tracks all critical controllers (e.g. PLCs, RTUs and DCS controllers) as well as other control devices. It alerts in real-time on anomalies and unauthorized activities enabling effective incident response.



Ensuring Operational Safety and Continuity

Continuously monitoring ICS activity enables Indegy to detect and alert on malicious or erroneous access that can put these networks at risk and lead to severe disruptions.



The Indegy Platform

Real-Time Visibility and Security for Industrial Control Systems

The Indegy platform is based on proprietary patent-pending technologies developed by Indegy's team of ICS security experts. It is purpose-built to provide real-time visibility, situational awareness and activity monitoring for ICS networks, alerting on events that can disrupt operations. Indegy captures all changes whether caused by a hacker, malicious insider or human error and provides detailed alerts enabling security staff and operational engineers to quickly pinpoint the source of the problem.

Control-Plane Inspection (CPI)

- A passive deep packet inspection engine, specifically designed for the unique characteristics of industrial control systems.
- Patent-pending technology monitors all control-plane engineering activities performed over proprietary, vendor specific protocols.
- Captures changes to controller logic, hardware configuration, firmware downloads/uploads, user settings, tag additions/deletions and more.
- Provides real time alerts and a comprehensive audit trail of all activities performed over the operational network.

Agentless Controller Validation (ACV)

- Patent pending technology used for validating the integrity of control devices ensures no unauthorized changes were made.
- ACV surveys the controllers using their native certified protocols and API, guaranteeing zero impact on performance while gaining maximum visibility.
- Periodic verification of controller device firmware, control logic, and settings provides full visibility into the controller state.
- Captures all changes to PLCs, RTUs, and DCS controllers whether performed over the network or directly on the physical devices.

Built-In Applications

Dashboard

Asset Inventory

Real-Time
Activity Monitoring

Vulnerability Assessment

Threat Detection

Anomaly Detection

Policy Enforcement

Configuration Control

Risk Analysis

3rd Party
Applications
and
Integration

RESTful API

Control-Plane Inspection (CPI)

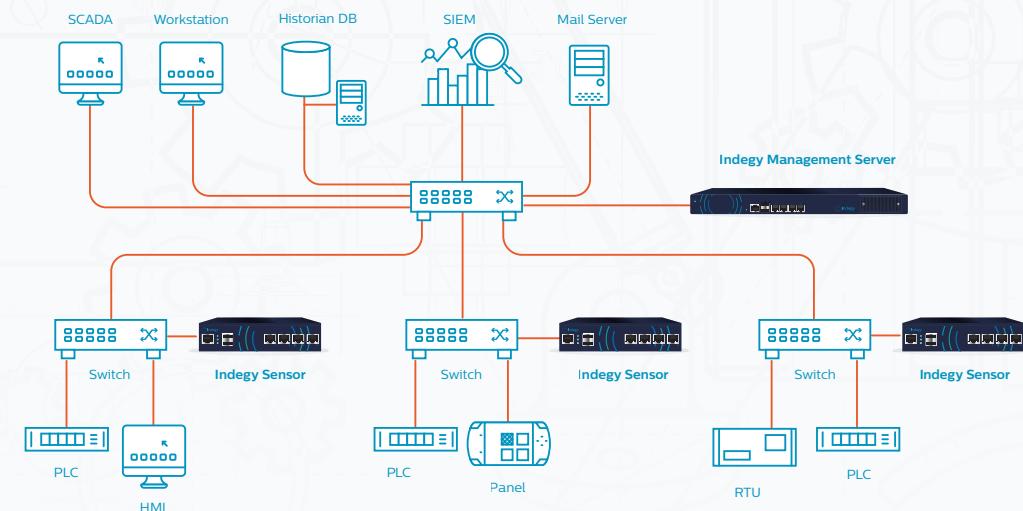
Agentless Controller Validation (ACV)

Indegy Core Technologies

Deployment

Flexible Deployment Options

The Indegy Platform is delivered as an all-in-one turnkey appliance that plugs into a centrally located switch (no agents to deploy). The three-tier deployment model supports monitoring of multi-switch environments and various network topologies including flat, multi-layered, ring or star. The Indegy Platform is easy to deploy, has zero-impact to the network and doesn't cause any operational disruptions.



Seamless Integration with Enterprise SOC Solutions

The Indegy Platform supports out-of-the box integration with third party software including SIEM, CMDB and other applications as well as an easy to use RESTful API.

Powerful Interface for OT and IT Security Intelligence

The Indegy platform alerts in real-time on anomalies and unauthorized activities and provides a comprehensive audit trail enabling industrial engineers and security staff to effectively respond to cyber incidents.

The Indegy Advantage

- Provides unparalleled visibility by tracking all ICS activities
- Delivers real-time alerts on malicious activity
- Discovers unauthorized changes to critical controllers
- Assesses risk to devices and networks
- Detects malware in reconnaissance stages
- Enables effective incident response
- Backs up controllers to shorten recovery time
- Automates asset discovery, classification and inventory
- Streamlines IT/OT convergence
- Helps address regulatory compliance requirements

Delivering Industrial Cyber Security and Operational Value

The Indegy platform provides valuable tools and views for managing and securing ICS networks and control devices:

Industrial Cyber Security

REAL TIME ACTIVITY MONITORING



RISK ANALYSIS



SUPPORT FORENSIC INVESTIGATIONS



Operational Value

AUTOMATED ASSET INVENTORY



CONFIGURATION CONTROL



CHANGE MANAGEMENT



About

Indegy is the leading industrial cyber security solution provider. The Indegy platform protects against operational disruptions caused by cyber threats, malicious insiders and human error by providing unparalleled visibility and control. For more information visit www.indegy.com.

International Headquarters

154 Grand St.
New York, NY, USA, 10013
Tel: +1 (866) 801 5394

Research and Development Center

126 Yigal Alon St., Building C
Tel Aviv, Israel, 6744332
Tel: +972 (3) 530 1783

For support contact:

Support@indegy.com
+1 (866) 801 5394