Radiflow

iCEN

Centralized security monitoring and risk management across the OT estate

Multi-site industrial operators and Managed Security Service Providers (MSSPs) require centralized monitoring and management of security posture at the enterprise level and at each region and site. From a single pane of glass, iCEN:

- Simplifies and streamlines management of the activities of multiple instances of the iSID threat detection platform installed per site or region
- Collects and shares cyber data between iSID and CIARA, Radiflow's data-driven risk management platform
- Schedules and initiates CIARA risk assessments

THE ENTIRE SECURITY AND RISK POSTURE AT A GLANCE

Via a user-friendly, web interface, iCEN delivers a unified view of enterprise-wide and site-specific security and risk posture, including:

- iSID and CIARA properties
- Status and health summary
- Assets per site categorized by type
- Network protocols used
- Alerts per site sorted by type and severity
- Risk scores of each site and overall
- Accurate prioritization of mitigation activities per site and overall
- A wealth of enterprise, regional, and site analytics

With a click, users can dive into the results of any region or site. They can switch between geographical maps and tabular displays with convenient color-coding for quick interpretation and prioritization of activities.
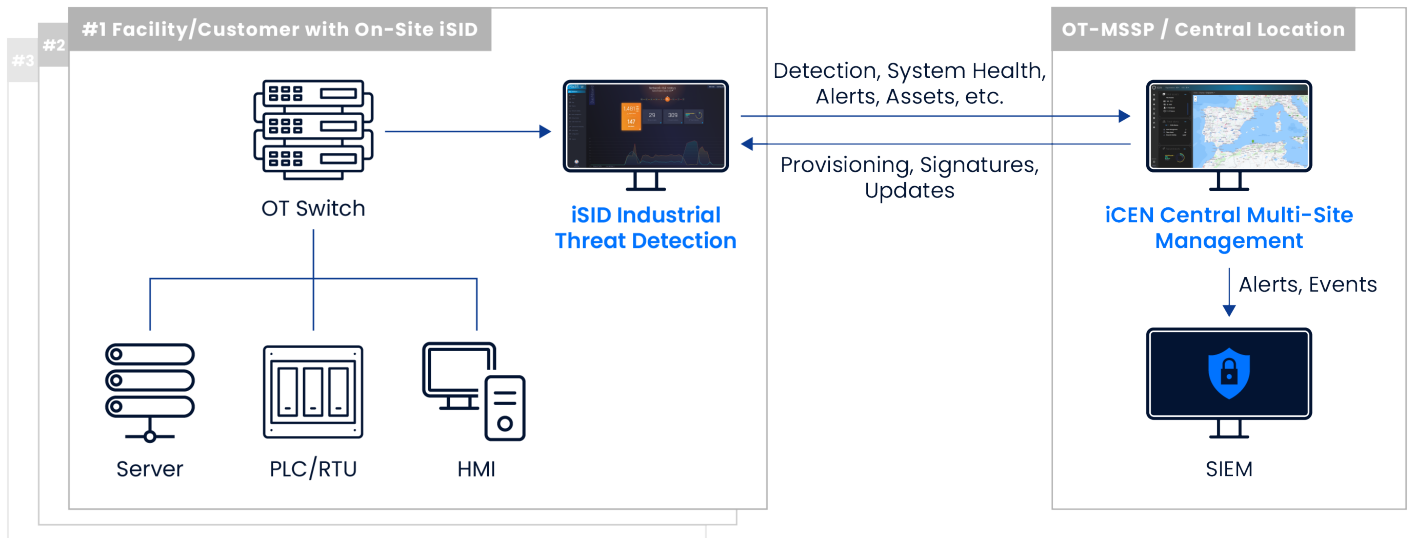
CENTRAL MANAGEMENT AND PROCESSING OF MULTIPLE ISIDS

From its central location, iCEN securely monitors and manages the activities of any number of remote iSIDs.

Provisioning and Updates

iCEN enables single-click provisioning of up-to-date threat intelligence, CVEs, and SNORT signatures to multiple iSIDs for local detection of new threats and accelerated response times.

Detailed Alert Management

iCEN displays a consolidated view of all alerts from all ISID instances. Security staff can act upon any alert directly, including analysis of PCAP raw data. Alerts and assets can be exported to external systems (SIEM, SOC, Asset Management, etc.) in a variety of formats.

User Management and Role-Based Access Control

iCEN features local and remote (Active Directory) user management capabilities with support for user roles and permissions such as admin, cyber expert, and cyber analyst.

Secure Connections

All connectivity to and from iCEN is secured and encrypted. iCEN also supports one-way iSID-to-iCEN connections to ensure the isolation of the OT environment from external threats.

Remote Backup and Restore

Via iCEN, users can schedule backups of individual iSIDs and can restore data if necessary. No need to handle data at the site.

Remote Upgrades

Periodically, Radiflow releases new versions of iSID with new capabilities and features. From iCEN, the iSIDs are upgraded. No need to touch them on-site.

AUTOMATED, DATA-DRIVEN RISK MANAGEMENT WITH CIARA

From its central location (SOC, HQ, MSSP), iCEN monitors and manages the data collection activities of all the iSIDs, enriching and consolidating the data centrally. It turns that data into network images per site and overall, automatically preparing it for risk evaluation. Per-site and enterprise-wide data-driven risk evaluations run on the CIARA platform (optional, subject to license).

Any number of remote iSIDs

Assets, Alerts, Communication Flows
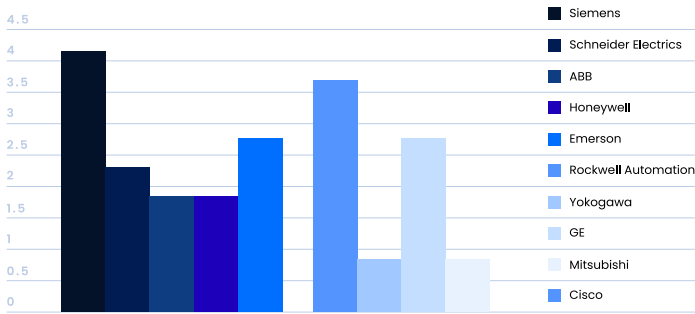
iCEN

Network Image

Risk Evaluation
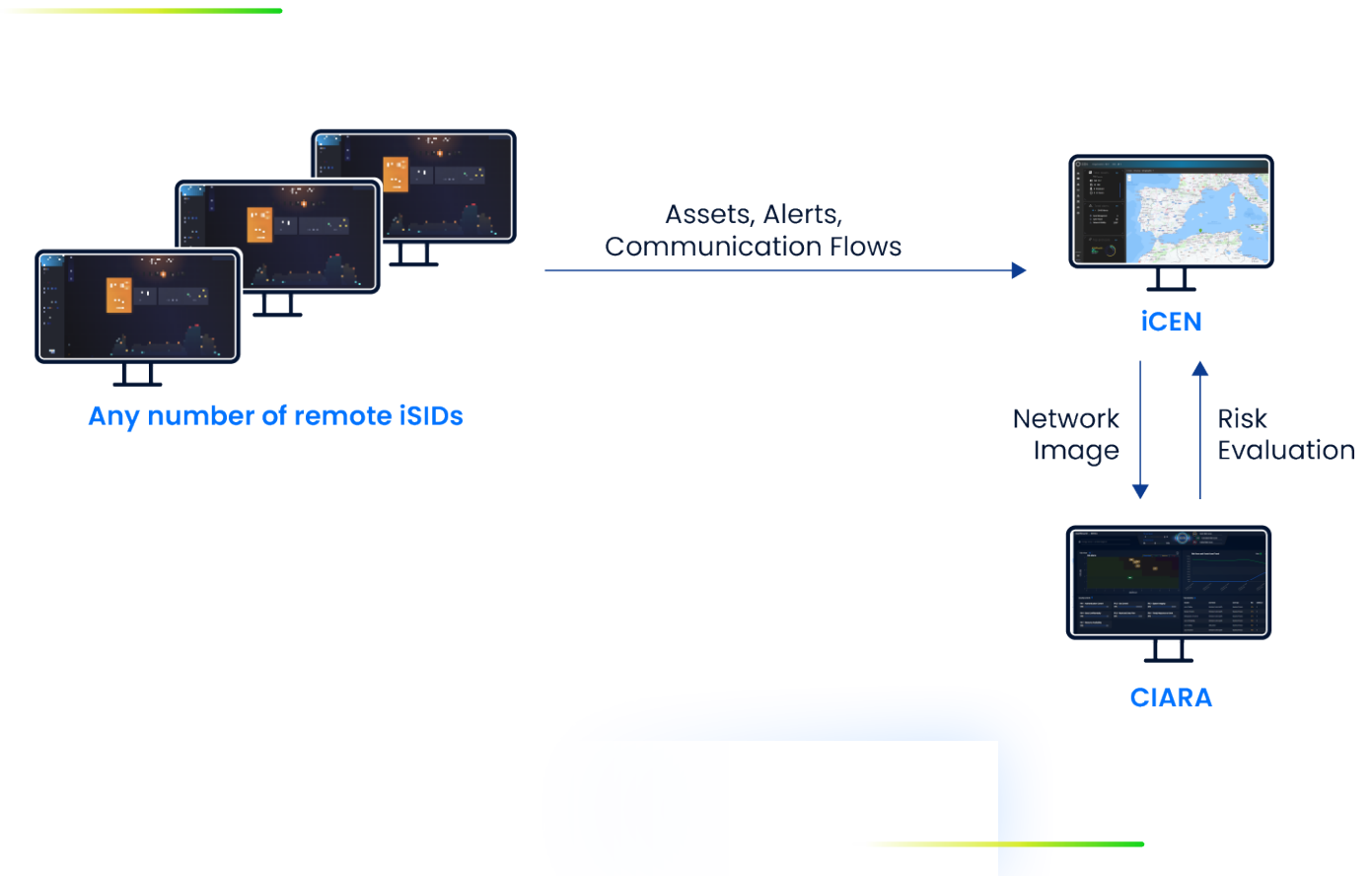
CIARA

The results of CIARA risk evaluations are displayed on the iCEN console. Users can filter and examine risk results for any site or overall.
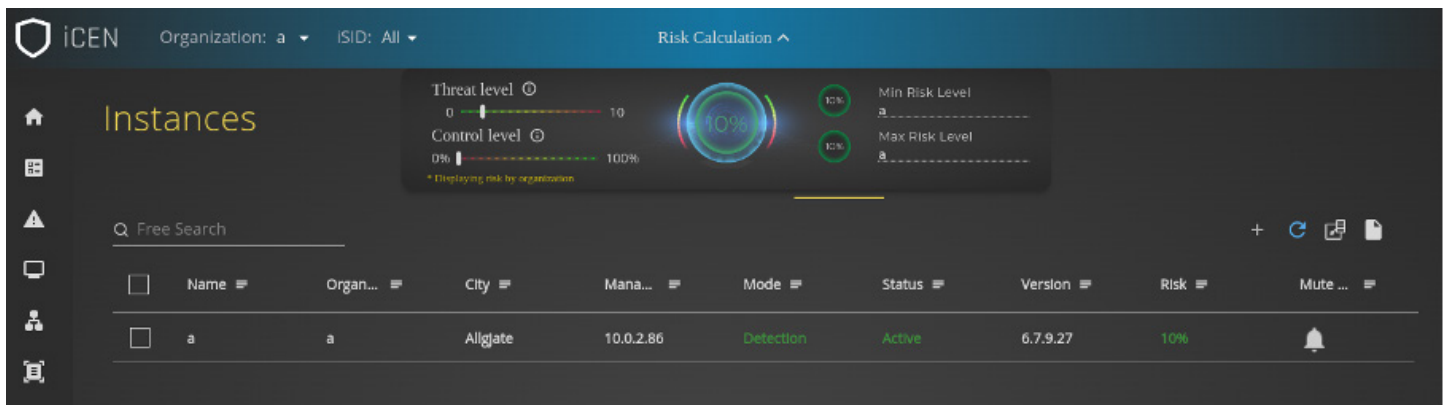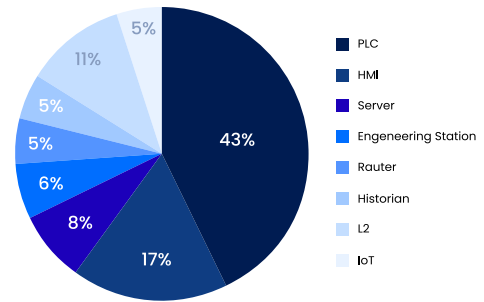
WHAT'S NEW? WHAT'S TRENDING?

iCEN delivers a wealth of insightful reports about enterprise security components.

TOP VENDORS

Legend: Siemens, Schneider Electrics, ABB, Honeywell, Emerson, Rockwell Automation, Yokogawa, GE, Mitsubishi, Cisco

ASSET TYPES

PLC 43%, HMI 17%, Server 8%, Engeneering Station 6%, Rauter 5%, Historian 5%, L2 11%, IoT 5%

Users may specify data ranges to highlight changes, for example, what new assets were added at Site X last month?

Date ranges also apply to CIARA risk evaluations allowing comparisons of risk-mitigation measures before and after, as well as identifying trends over time. By understanding the trends, security staff gain valuable insights for optimizing security operations and making informed strategic decisions.

MSSP-READY

MSSPs employ iCEN to configure client enterprises who, in turn, operate multiple instances of iSID, creating a single point of monitoring and management for all of their Radiflow-protected customers. Separation and security are effectively enforced via client-based view permissions.

Radiflow

Radiflow is a leading, global provider of OT Security and Risk Management solutions and services for critical infrastructure and industrial automation. We enable operators to continuously safeguard their operations while they manage risk, optimize their security budget, and comply with standards, regulations, and industry best practices. Locally or centrally deployed, Radiflow solutions integrate with leading technology and partner platforms. Now part of the Sabanci Group, Radiflow protects over 8,000 sites worldwide.

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