# VERVE'S DISTINCTIVE ARCHITECTURE

The only agent-agentless architecture for OT/ICS

OVERVIEW

The Verve Security Center was designed to deliver a distinctive set of capabilities for OT/ICS security and reliability.

This requires a unique architecture to enable robust visibility and actionability to quickly remediate and respond. This approach leverages our 25+ years of ICS engineering experience to enable a simpler and lower cost platform.
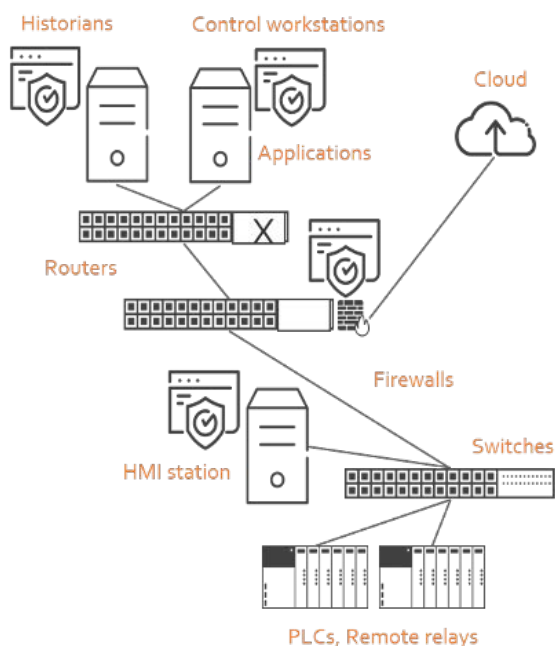
THE VERVE DIFFERENCE

OT-Proven Agent

Verve has proven the deployment of agent technology for over a dozen years on every major brand of control system. It provides deeper information, less bandwidth, and the ability to remediate – without spans or taps.

Agentless Device Interface

Verve's agentless service gets down into the depths of an OT/ICS network – into the backplanes and through to serially connected devices using the same protocols these devices are used to receiving from their management consoles.

Integrations

The Verve Asset Manager integrates with dozens of third-party software to enable 360-degree visibility of the security and operations within the network.

VERVE

FEATURES

- Verve agents and services collect detailed and comprehensive profiles of all assets in OT and IT environments through automation
- Combining these profiles and associated attributes, Verve demonstrates risk mitigation through OT systems management, beginning with prioritized campaigning
- Elevate effectiveness by aggregating data into consumable reporting designed for actions

OS-based
- IP addresses
- MAC addresses
- All ports and services
- Installed software
- Hardware versions
- User accounts
- System health
- Registry settings
- Group policy
- OS settings
- Password status
- File shares
- SNMP information
- Running tasks
- Drive/volumes
- WMI
- IIS status
- 1100+ system characteristics
- 250+ additional custom security options & queries

Network
- Firmware
- Serial numbers
- Software versioning
- Configuration settings
- System health
- Recent user activity
- Configuration alterations

Embedded
- Device information
- Network information
- Ladder logic
- System health and statistic retrieval
- Configuration alterations

Active/Agent & Service Calls

REPORTING & ANALYSIS PLATFORM
Open, NoSQL database
Easy-to-use central UI
Machine learning engine

ACTION LAYER

Designs actions centrally

Runs actions with local control

VERVE ASSET MANAGERS
ETL
Integrations
Analysis

IT/OT AGENT
Vendor agnostic
Deep visibility without taps/spans

AGENTLESS
Extends agent into embedded devices using OEM protocols

INTEGRATIONS
Open API
Security tools
Ops info