PARTNER SOLUTION BRIEF

Nozomi Arc Embedded for Schneider Electric SCADAPack 47xi RTUs

Transforming OT Security at the Edge of Industrial Networks

Nozomi Networks and Schneider Electric have joined forces to deliver the next evolution in cyber-physical system protection—embedding Nozomi Arc directly into Schneider Electric remote terminal units (RTUs). This integration provides deep process visibility and real-time threat detection at the control device layer, empowering operators to detect threats, mitigate risks, and maintain operational resilience without impacting performance.

Key Features and Capabilities

Security and operations teams gain previously unavailable visibility into important data, from within RTUs, and the field assets controlled by those RTUs:

Updates to RTU endpoint status, including software and hardware inventory, vulnerability details, resource utilization,

Level 0 Visibility: Arc Embedded extracts process variable data directly from the RTU, enabling unmatched visibility into physical processes and device state – without requiring external polling protocols.

Threat and Anomaly Detection: Arc detects malicious and suspicious operational actions, including:

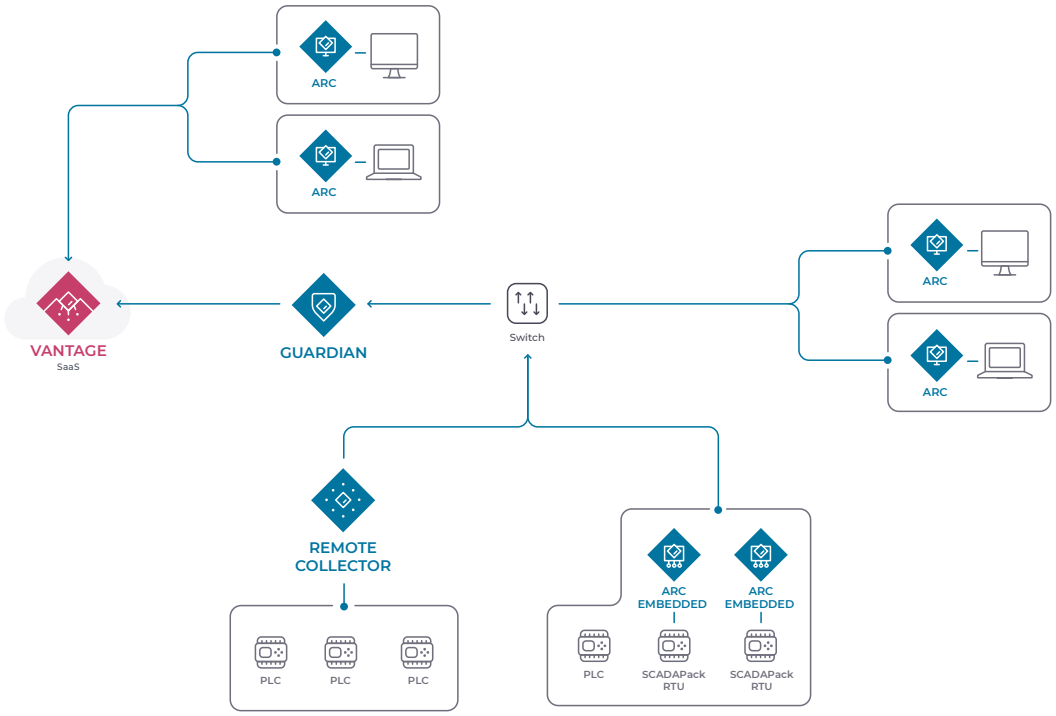
- USB or SD card connections/removals
- Time setting manipulations
- Changes to control logic and firmware
- A low power supply input
- Use of mechanical switch that elevates privileges and enables SSH access

Business Impact

- **Stronger Operational Resilience:** detects threats at the control level—before they disrupt industrial processes.
- **Zero Infrastructure Disruption:** embedded security means no added footprint, no external traffic, and no downtime.
- **Accelerated Security ROI:** field-deployable and scalable across Schneider RTUs, this solution brings immediate visibility to critical assets in utilities, energy, and infrastructure environments.

Sample Deployment Architecture for Nozomi Arc Embedded and Schneider Electric RTUs

Nozomi Arc Embedded sensors provide enhanced endpoint data collection and asset visibility for your OT and IoT networks. All data collected can be sent to either Guardian or Vantage for further analysis.



Why It Matters

Schneider Electric's global reach and trusted RTU platforms combined with Nozomi Networks' OT and IoT security leadership deliver a powerful, integrated solution. With broader market reach than previous OEM integrations, this partnership is primed to drive large-scale industrial security transformation—starting at the edge.

System Requirements

Nozomi Arc Embedded for Schneider Electric RTUs runs on the **SCADAPack 47xi Series**. A read/write filesystem overlay installed on the Edge platform's SD card is required. More information can be found here:
https://www.se.com/us/en/download/document/SCADAPack47xiDockerAppConnect/

Nozomi Networks protects the world's critical infrastructure from cyber threats. Our platform uniquely combines network and endpoint visibility, threat detection, and AI powered analysis for faster, more effective incident response. Customers rely on us to minimize risk and complexity while maximizing operational resilience.

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