

WATERFALL FOR HONEYWELL ALARM MANAGER

SECURE ALARM MANAGEMENT THROUGH SERVER REPLICATION

Process control system operators use Waterfall for Honeywell Alarm Manager to view reliable alarm management information in real-time. This identifies critical alarms that warn of operating problems or safety issues to reduce unplanned downtime and conform to regulatory requirements. Connecting enterprise networks to industrial Alarm Managers through a firewall, however is high risk. All firewall connections permit data to leave an industrial system but also permit attacks to enter that system.

Waterfall for Honeywell Alarm Manager addresses the needs of industrial enterprises to achieve safe integration of operational technology (OT) and information technology (IT) while maximizing access to Honeywell Alarm Manager features, capabilities and applications. By deploying Waterfall for Honeywell Alarm Manager, businesses eliminate the risk of remote cyberattacks entering their industrial control systems, while enabling seamless access to critical operational data for improved efficiencies.

The Waterfall for Honeywell Alarm Manager Connector is simple to install, with user-friendly, web-based configuration and monitoring tools. Comprehensive diagnostics include real-time alarms that alert users of fault conditions via Syslog, Windows logs, email, SNMP traps, log files and Waterfall's monitoring console.

BENEFITS OF WATERFALL FOR HONEYWELL ALARM MANAGER



Secure, faithful replication of Honeywell Alarm Manager Servers



Elimination of remote control cyberattacks and online malware propagation



Facilitating compliance with NERC CIP, NIST, CFATS, ANSSI, UK DfT and more



Maximum utilization of all Honeywell Alarm Manager features



Simple deployment, off-the-shelf solution



Rails



Oil & Gas



Manufacturing



Water



Power



Pharma

WATERFALL FOR HONEYWELL ALARM MANAGER

Waterfall for Honeywell Alarm Manager connector replicates Honeywell Alarm Managers in industrial networks to enterprise networks, optionally aggregating multiple plants into a single enterprise server. The Waterfall for Honeywell Alarm Manager connector communicates normally with Alarm Manager Servers, accessing server information and replicating that information to Alarm Manager replica servers located on an external, enterprise network.

Waterfall's Unidirectional Gateway hardware physically protects industrial assets, preventing any human errors, malware or cyber attacks - however sophisticated - from penetrating through the gateway hardware back into the protected industrial network. The Gateway hardware makes it physically impossible for attacks to flow from the enterprise network towards the industrial network, eliminating any threats of online attacks, malware or human errors.

FULLY- FEATURED & ROBUST SUPPORT:

- » Real-time replication of Honeywell Alarm Manager Server tags, attributes, events, alarms, frames, values and notifications
- » Support for all Honeywell Alarm Manager data types
- » Automatic replication of table and field additions, deletions and other metadata changes
- » High-availability options
- » Preserves Honeywell Alarm Manager Server transactional integrity
- » Optional aggregation of multiple industrial Honeywell Alarm Manager Servers into one replica server

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ABOUT WATERFALL SECURITY SOLUTIONS

Waterfall Security Solutions is the global leader in industrial cybersecurity technology. The company's expanding portfolio of customers includes national infrastructures, power plants, nuclear plants, offshore oil and gas facilities, rail transport, refineries, manufacturing plants, utility companies, and many more. Deployed throughout North America, Europe, the Middle East and Asia, Waterfall products support the widest range of leading industrial remote monitoring platforms, applications, databases and protocols in the market. Please contact: info@waterfall-security.com

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