

WATERFALL FOR HONEYWELL ALARM MANAGER

SECURE ALARM MANAGEMENT THROUGH SERVER REPLICATION

Process control system operators use the Honeywell Alarm Manager to view 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. Enterprise users and engineers often need access to this same alarm data for analysis, regulatory and other purposes.

Connecting enterprise users and applications 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 provide safe IT/OT integration, 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.

BENEFITS OF WATERFALL FOR HONEYWELL ALARM MANAGER



Secure, faithful replication of Honeywell Alarm Manager Servers



Simple deployment – connector runs entirely in the Unidirectional Gateway with simple web user interface



Elimination of remote control cyberattacks and online malware propagation



Facilitating compliance with NERC CIP, NIST 800-82, ANSSI, IEC 62443 and more



Maximum utilization of all Honeywell Alarm Manager features



Power



Pipelines



Rail



Water



Facilities

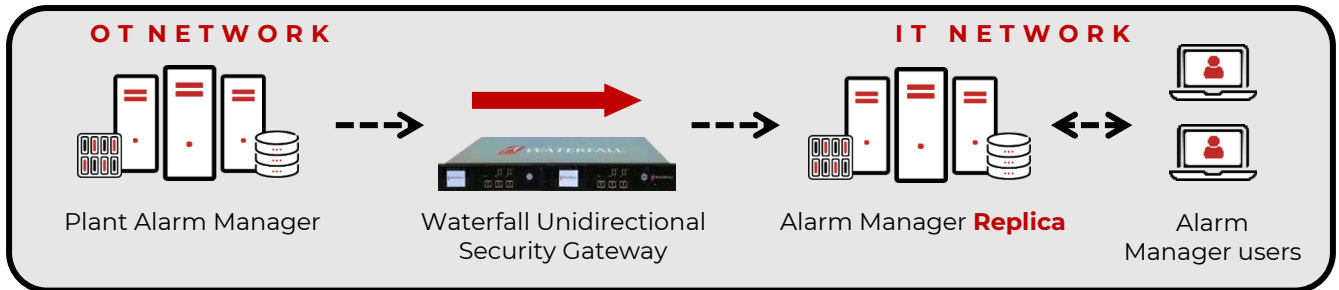


Manufacturing

WATERFALL FOR HONEYWELL ALARM MANAGER

Waterfall for Honeywell Alarm Manager connector replicates, in real-time, Honeywell Alarm Managers in industrial OT networks to enterprise IT networks, optionally aggregating multiple plants into a single enterprise server. Designed specifically for OT network environments, Waterfall for Honeywell Alarm Manager makes inbound data flows from enterprise to industrial networks physically impossible. Critical operations assets are now absolutely protected against any threats of remote cyber-attack, incoming viruses, or human errors originating on external networks.

The Waterfall for Honeywell Alarm Manager connector communicates directly with Alarm Manager Servers on the industrial network, accessing server information normally and replicating that information to Alarm Manager replica servers located on an external, enterprise network. The connector supports heavy duty installations with an unlimited amounts of alarms and messages. Users can continue to access and utilize the information originating in the industrial network while supporting business and operational objectives enterprise-wide, without cyber risk to operations.



FULLY- FEATURED & ROBUST SUPPORT:

- » Real-time replication of Honeywell Alarm Manager alarms and notifications
- » 1-10 Gbps standard throughput & 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

Waterfall Security Solutions' unbreachable OT cybersecurity technologies keep the world running. For more than 15 years, the most important industries and infrastructure have trusted Waterfall to guarantee safe, secure, and reliable operations. The company's growing list of global customers includes national infrastructures, power plants, nuclear generators, onshore and offshore oil and gas facilities, refineries, manufacturing plants, utility companies, and more. Waterfall's patented Unidirectional Gateways and other solutions combine the benefits of impenetrable hardware with unlimited software-based connectivity, enabling 100% safe visibility into industrial operations and automation systems.

Waterfall's products are covered by U.S. Patents 7,649,452, 8,228,205, and by other pending patent applications in the US and other countries. "Waterfall", the Waterfall Logo, "Stronger than Firewalls", "In Logs We Trust", "Unidirectional CloudConnect", and "CloudConnect, and "One Way to Connect" are trademarks of Waterfall Security Solutions Ltd. All other trademarks mentioned above are the property of their respective owners. Waterfall Security reserves the right to change the content at any time without notice. Waterfall Security makes no commitment to update content and assumes no responsibility for any mistakes in this document. Copyright © 2023, Waterfall Security Solutions Ltd. All Rights Reserved. www.waterfall-security.com