

# WATERFALL FOR MYSQL DATABASE

## SECURE APPLICATION INTEGRATION THROUGH MYSQL DATABASE REPLICATION

The Waterfall for MySQL Databases Connector enables businesses to leverage industrial control system data throughout their enterprises. The connector enables safe IT/OT integration while maximizing access to MySQL Database features, capabilities and applications. By deploying the Waterfall for MySQL Databases Connector, businesses eliminate the risk of remote cyberattacks entering their industrial control systems, while enabling seamless access to critical operational data for improved efficiencies.

Waterfall's simple installation, configuration and monitoring tools make it easy for MYSQL DB users. Comprehensive diagnostics include real-time alarms that alert the user of fault conditions via Syslog, Windows logs, email, SNMP traps, log files and Waterfall's monitoring console. .



## BENEFITS OF USING WATERFALL FOR MYSQL DATABASES



Secure, accurate replication of  
MYSQL Databases



Elimination of remote control cyberattacks  
and online malware propagation



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



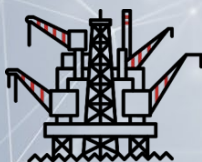
Maximum utilization of all MYSQL features



Simple deployment, off-the-shelf solution



Rails



Oil & Gas



Manufacturing



Water



Power



Pharma

## WATERFALL FOR MYSQL DATABASE

Waterfall for MySQL databases is part of the Waterfall Unidirectional Security Gateway family of products. The MySQL database replication software queries a MySQL database on an industrial network for data, sends that data across the Unidirectional Gateway hardware to an enterprise network, and uses the data to populate a replica MySQL database on the external enterprise network. Business users and applications requiring access to the real-time data access the replica database exclusively.

The replica MySQL database is maintained as a faithful, real-time replica of the original MySQL database on the industrial network. Users continue to operate as if nothing has changed, and are able to issue complex or costly queries against the replica database without fear of slowing down or impairing the operation of critical systems on the industrial control network. Server replication provides enterprise-wide access to industrial data without the need to allow direct access to industrial servers and networks, securing the safety and reliability of the protected network with hardware-enforced measures.



# FULLY- FEATURED & ROBUST SUPPORT:

- » Real-time replication of MySQL databases
- » Complete or selective DB replication
- » Full support for all MySQL data types
- » High-availability options: MySQL DB HA and redundant Waterfall gateways
- » Preserves MySQL transactional integrity
- » Optional aggregation of several industrial MySQL databases into a single enterprise DB

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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](mailto:info@waterfall-security.com)

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