

WATERFALL FOR ORACLE DATABASES

SECURE APPLICATION INTEGRATION THROUGH ORACLE DATABASE REPLICATION

The Waterfall for Oracle Databases Connector enables businesses to leverage industrial control system data throughout their enterprises. The connector enables safe IT/OT integration while maximizing access to Oracle Database features, capabilities and applications. By deploying the Waterfall for Oracle 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 Oracle 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 ORACLE DATABASES



Secure, accurate replication of Oracle 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 Oracle features



Simple deployment, off-the-shelf solution



Rails



Oil & Gas



Manufacturing



Water



Power



Pharma

WATERFALL'S SOLUTION FOR ORACLE DB

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

The replica database is maintained as a faithful, real-time replica of the original Oracle 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 provide access to industrial servers and networks, securing the safety and reliability of the protected network with hardware-enforced measures.



FULLY- FEATURED AND ROBUST SUPPORT:

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

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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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