The Waterfall BlackBox provides a tamper-proof, online repository which can survive a cyber attack. It uses Unidirectional Gateway technology to gather security-relevant data from industrial networks, such as logs, security information, PLC configuration files, and transmits those data unidirectionally into a secure repository, inaccessible from the monitored network.

The Waterfall BlackBox keeps your logs untampered and secure, preventing modern attackers from deleting or compromising logs and hiding their tracks, ensuring reliable forensics for attack analysis and facilitating effective incident response by providing trustworthy forensic data.

**BLACKBOX® UNIDIRECTIONAL TECHNOLOGY 1-2-3**

1. **Gathers Logs**
2. **Transmits Safely**
3. **Stores Securely**

**TX Host**: securely gathers transaction, log and other data
**TX Hardware**: securely transmits information to BlackBox RX side for storage
**Fiber optic cable**: connects BlackBox TX hardware to RX hardware, permitting data flow in one direction only
**RX hardware**: receives transaction, log and other data and physically prevents any data from going back into the monitored network
**RX Host**: manages storage repository for logs, RDB, file system and other data, physically outside the monitored network - inaccessible and untouchable

**IN LOGS WE TRUST**

WWW.WATERFALL-SECURITY.COM
ABOUT WATERFALL SECURITY

Waterfall Security Solutions is the OT security company, producing a family of Unidirectional Gateway technologies and products that enable enterprise-wide visibility for operations, with disciplined control. Waterfall products represent an evolutionary alternative to firewalls. The company’s growing list of customers includes national infrastructures, power plants, nuclear plants, off and on shore oil and gas facilities, 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. For more information, please contact info@waterfall-security.com

Waterfall’s products are covered by U.S. Patents 8,233,205, 7,649,452, 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 © 2020 Waterfall Security Solutions Ltd. All Rights Reserved.

HARDWARE SPECIFICATIONS

<table>
<thead>
<tr>
<th>SPECIFICATIONS</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating System and Software</td>
<td>500 G SSD</td>
</tr>
<tr>
<td>Secure logs repository</td>
<td>4/8 TB SSD</td>
</tr>
<tr>
<td>Monitored network</td>
<td></td>
</tr>
<tr>
<td>Configuration port</td>
<td>1 Gbps</td>
</tr>
<tr>
<td>Secure data access</td>
<td></td>
</tr>
<tr>
<td>Power supply</td>
<td>2 per side (4)</td>
</tr>
<tr>
<td>Dimensions (cm)</td>
<td>48.3 x 4.4 x 76 cm</td>
</tr>
<tr>
<td>Weight (kg)</td>
<td>8</td>
</tr>
</tbody>
</table>

FEATURES & BENEFITS

» Hardware-enforced unidirectional protection of logged data  
» Tamper-proof storage for logs, transactions & configuration files  
» Reliable forensics, incident response & recovery, and audits  
» Encryption and authentication of logged information  
» No possibility of leaking information between sites  

» Logs accessed via dedicated port  
» Powerful graphical data management and retrieval applications  
» Full or partial retrieval with search and filter capabilities  

» All logs unified and stored in internal relational database  
» All recorded data time-stamped and encrypted  
» Cyclic & never-overwrite data management options  
» Version management for configuration and other files  
» Real-time statistics display  
» Optional compression  

» Syslog, SNMP traps, Windows logs  
» FTP, SFTP, CIFS/SMB, drag & drop and many other file sources  
» System Backups  
» SQL Server, Oracle and other relational databases  
» Network traffic and NetFlow statistics  

WIDE VARIETY OF DATA SOURCES