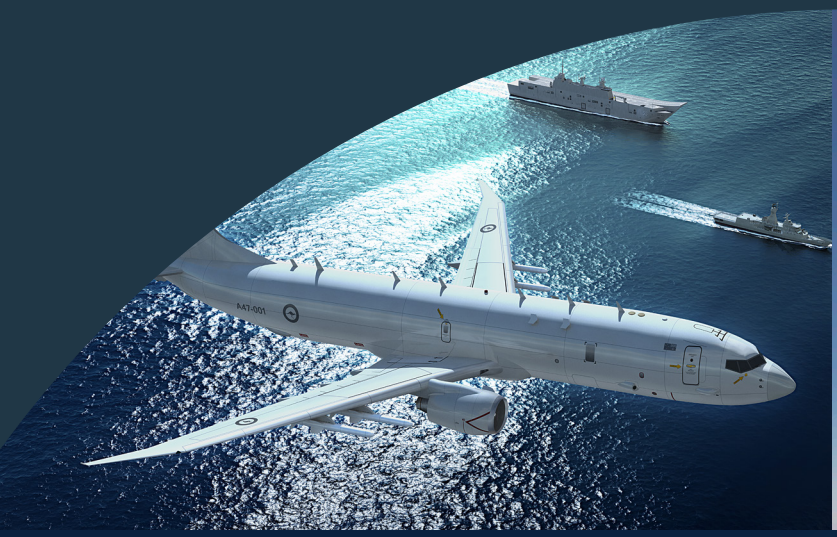
HardwareWall® 2U-3L-5
Tactical Secure Data Transfer System



Introducing Boeing's HardwareWall® Cross Domain Solutions: Empowering Critical Tactical Missions through Secure Information Sharing in High-Threat Network Environments.

In the world of vital strategic operations, what matters most is ensuring that authorized recipients have access to the information they need, regardless of where it's generated or resides. Boeing understands this imperative and offers a comprehensive suite of Cross Domain Solutions designed to seamlessly move information across classifications and networks, supporting mission-critical needs.

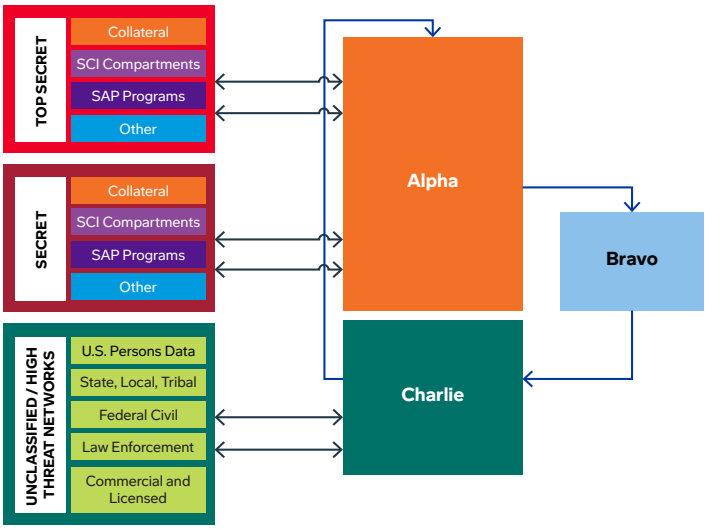
Boeing's Cross Domain software securely transfers data while meeting the latest government standards. A complete tactical CDS solution also includes rugged, secure, and robust tactical hardware to provide additional layers of security and data assurance.

Unlock the Power of Information:

- **Classification Flexibility:** Whether it's information at higher, lower, or specialized classification levels, HardwareWall provides the necessary flexibility to ensure authorized access, regardless of clearance or need.
- **Tailored Configurations:** Boeing offers a range of configurable system options, empowering government programs to choose the solution that best fits their unique requirements, while providing ease of implementation, usage, and management.

Best-in-Class Security Protection

Boeing collaborates with the CDS community to deliver solutions on the cutting edge of security compliance. HardwareWall® complies with the National Cross-Domain Solutions Management Office (NCDSMO) Raise-the-Bar (RTB) requirements far beyond standard RMF controls. Boeing provides customers longer lasting accreditations, an extensive body of evidence, and reduced costs. HardwareWall® combines physical one-way transfer and hardware isolation between all nodes, mandatory access control, data labeling, content review, RAIN (Redundant, Always Invoked, Independent, and Non-bypassable) filters, and multiple proxies to protect our customers' most important missions and stay ahead of emerging threats. The system also supports backwards compatibility to help customers reach RTB compliance.



Versatility: Built for extreme environments

HardwareWall® has been independently tested to meet or exceed MIL-STD-810G, MIL-STD-461G, DO-160G, and TEMPEST standards for maximum protection against shock, vibration, salt fog, humidity, extreme temperatures, and EMC enabling deployment in the harshest environments. This highly compact system features a ruggedized chassis made from a lightweight aluminum alloy (6061 T6) that weighs in at 27lbs, is 16 inches deep, fits in a 2U rack mount, and has numerous mounting options that support SWaP-constrained scenarios such as military aircraft, Humvees, and UUVs. This frees up valuable space and weight for other mission capabilities while making it easier and safer to handle. The use of miniaturized and removable solid-state drives supercharges data transfer speeds and enhances flexibility of servicing classified drives in between missions. High speed, low power, reduced weight, and size all combine to provide industry leading secure transfer of critical mission data.

Key Features

Part Number	HWW-2U-3L-5
Chassis	Custom Ruggedized
Electronics	COTS
Max AC Power (W)	560
Compact Form Factor	2U rack mount
H x W x D (inches)	3.5 x 17.46 x 16
Weight (lbs)	28
Circular Military Connectors	Yes
Operating Temp (C)	-40 to 60 degrees
Humidity	5% to 95%
Operational Shock (G)	40
Non-operational Shock (g)	75

DO-160 Certification	Yes
TEMPEST	Yes
MIL-STD-461	Yes
MIL-STD-810	Yes
Architecture	X86_64
Operating System	RedHat Enterprise Linux
Number of Domains	3
Number of Nodes	3
Networks per Domain	2 (1000 Mbps)
Removable Drives	Yes
Hard Drive Type	SSD SATA 6Gbps
Protocol Support	Available upon request

Email: customercare@boeing.com
Website: www.boeing.com/defense/cybersecurity-and-intelligence-messaging#products

www.boeing.com

Copyright © 2025 Boeing. All rights reserved.
MG-012825 | 3/25