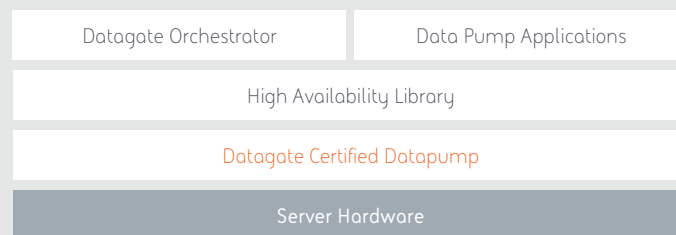


Cross Domain Solutions Datagate Certified Datapump

Unrivalled Security

What is a **Datagate Certified Datapump?**

The Datagate Certified Datapump (DCD) is part of the BAE Systems Cross Domain Solution (CDS). It is an easy to install and maintain, turn-key Operating System (OS) for installing BAE Systems CDS software. The DCD system contains the minimal packages and features required to operate BAE Systems CDS software. It applies performance tuning and security hardening to the base OS, Red Hat Enterprise Linux (RHEL), to deliver a resilient, robust operating environment, reducing the attack surface of the OS, and thus minimising the risk of compromise.



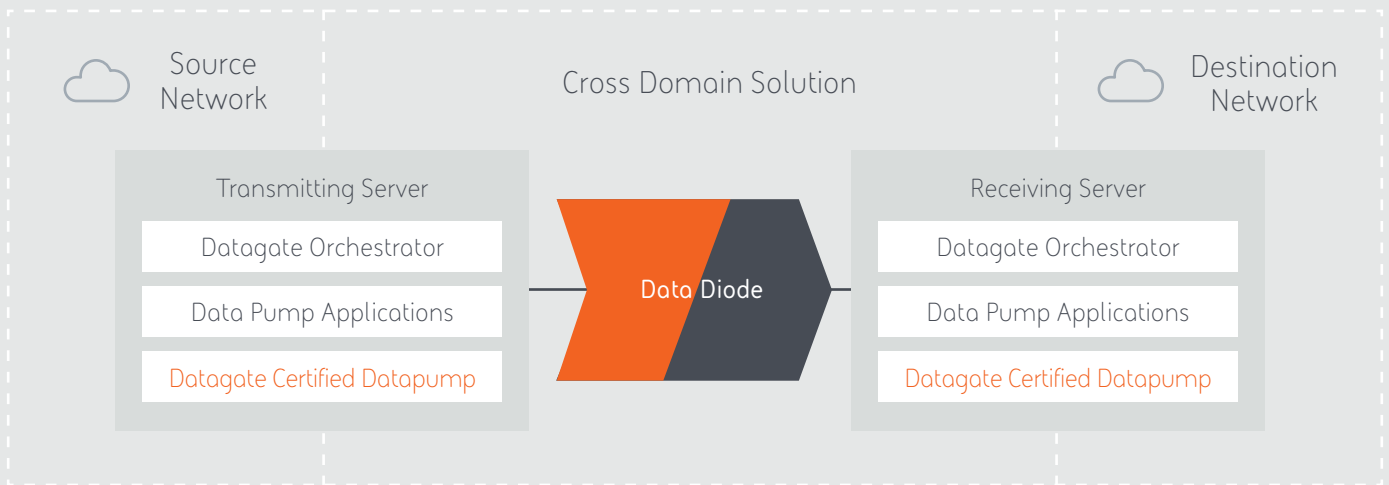
How is it more secure?

The DCD is a modified distribution of the RHEL OS. It is optimised and security hardened in accordance with the Defense Information Systems Agency (DISA) Security Technical Implementation Guide (STIG) for RHEL, as well as security controls from other governments' national security authorities. The STIG is a Department of Defense (DoD) best practice guide for standardizing the configuration of security protocols within systems to reduce vulnerabilities and enhance overall security.

For more information on the DISA STIG, please see <http://iase.disa.mil>

Where does it operate?

The DCD is the software platform on which all of the BAE Systems CDS software operates. When used as part of a BAE Systems CDS, it is installed on each of the two servers that operate on either side of the BAE Systems Data Diode.



Key features

- Performs security hardening in accordance with the DISA STIG for RHEL.
- Provides host-based intrusion detection using AIDE and auditd.
- Enables SELinux by default for a more secure system.
- Includes the entire BAE Systems CDS software suite on a single installation image, making it easier to install and configure a Cross Domain Solution.
- Installs only the packages that are required in order to operate BAE Systems CDS software.
- An update facility provides regular updates to RHEL packages and security hardening.

Technical Specifications

Minimum Hardware	<ul style="list-style-type: none">- 8-Core 2.9GHz- 32GB RAM- 100GB HDD
Base	Based on Red Hat Enterprise Linux 6 and 7
Security	Compliant with DISA STIG for RHEL 6 and 7

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