Enterprise Storage Data Sheet

Edge computing requirements are increasing the utilization of servers outside of secured data centers. Servers have become more compact and lighter, making them increasingly susceptible to theft. Since these devices can store hundreds of terabytes of data, it is imperative to ensure that data on these devices is properly protected.

Meet CSfC for DAR Compliance

Cigent provides an integrated solution to protect data at rest (DAR) on servers. The solution enables organizations to meet CSfC for DAR compliance requirements and prevent unauthorized data access. It couples proven security with drives designed to support demanding enterprise workloads with higher-grade components and strong error correction code (ECC). The solution supports servers operating in a RAID configuration, delivering protection without impacting performance.

The integrated solution protects data with the following:

- **AES 256-bit Hardware Encryption.** TCG Opal SSDs 2.0 utilizes proven and tested methodology for encryption that has undergone rigorous testing by NSA, DISA and other Federal agencies.
- **Pre-boot Authentication (PBA).** PBA is a critical security capability that prevents adversaries from circumventing full-drive encryption. PBA provides separate, secure authentication prior to initiating boot. Cigent PBA has been validated by the NSA for CSfC for DAR.
- **Multifactor Authentication (MFA).** Optional configuration with PBA provides MFA capability requiring the use of both U/N Password and smart card (CAC). Options for manual and automated MFA.
- **Crypto and Block Erasure.** Permanently erase data to repurpose or recycle drive or in emergency situations. Erasure command can be executed locally or remotely through the enterprise console.

Enterprise Management

Effective data protection requires proper administration of the environment to support a multitude of criteria. Requirements include recovering and destroying data on returned systems, incident response, and policy reporting. For key management, compliance reporting, policy setting, and deployment automation, Cigent provides an enterprise management console that can be deployed in the cloud or on-premises and a Command Line Interface (CLI) tool that runs in Linux and Windows.

Supporting Your Mission

The joint solution is available directly from device manufacturers, including Dell and HPE. In addition, it has been validated and utilized by leading FSIs, including Booz Allen, Allen Hamilton District Defend, AFRL's SecureView, Everfox Trusted Thin Client, Integrated Global Security, Army APG, and CACI ID Tec's Archon.

Schedule a Demo

See how Cigent keeps you AlwaysPROTECTED.

Book a Demo

www.cigent.com/commercial-solutions
info@cigent.com
844.256.1825