



Technical Specifications

CREDANT FDE DriveManager

CREDANT FDE DriveManager is a Trusted Hard Drive with Built-In Full Disk Encryption

- Pre-boot authentication prevents unauthorized users from accessing the data on the hard drive
- Fully automated “self encrypting” hard drive
- Device wipe feature that performs a cryptographic erase
- Centralized management with extensive auditing and reporting (or unmanaged/standalone version)

Comprehensive Data Protection for PCs, Notebooks and Laptops

CREDANT, in conjunction with Seagate® Technology Company, offers complete data security for PCs, notebooks, and laptops with CREDANT FDE DriveManager, a centrally managed trusted hard drive featuring built-in full disk encryption. This “self-encrypting” hard drive protects organizations against data loss due to a stolen or lost computer. CREDANT FDE DriveManager’s technology fortifies the Seagate Momentus® self-encrypting 2.5 inch hard drives with remote management, strong authentication, and extensive auditing and reporting features. CREDANT FDE DriveManager is also offered in a standalone mode that does not require a centralized management server.

Unauthorized access to data on the hard drive is eliminated with CREDANT FDE DriveManager’s pre-boot authentication. This feature enforces policy-driven access control immediately when the drive powers up so that unauthorized users are disabled and cannot logon to the computer. CREDANT FDE DriveManager does not store user passwords in the drive memory so password signatures are totally inaccessible after computer shut down. This further safeguards data from being accessed by unauthorized users, enabling the complete protection of an organization’s sensitive data at all times.

CREDANT FDE DriveManager also makes it easy to repurpose and retire computers and hard drives without the risk of exposing sensitive information. Administrators can send a device wipe message to erase all of the keys from the drive resulting in preventing any access to the data again.

CREDANT FDE DriveManager provides centralized management from a single management console, a single management server and a single management agent, allowing IT professionals to manage security policies, enforce compliance and produce management reports across multiple hardware configurations and operating systems. The solution further ensures compliance with security policies by delivering applications to non-compliant drives.

CREDANT FDE DriveManager Features

- Centrally managed or standalone mode
- Seagate® “self-encrypting” hard drive
- Pre-boot authentication
- Supports network connectivity at pre-boot, allowing for online Smart Card validation
- Device wipe/kill pill functionality
- IPv4 and IPv6 compatible
- Authentication management
 - Fixed Passwords
 - PIN
 - CAC and PIV
 - Active Directory Domain Password
- Encryption transparent to the end user with no performance impact and no user training required
- Supports unlimited unique user access capabilities per hard drive, allowing for proper individual logging, per user, per drive
- Remote help for password reset and/or one-time boot access capabilities



CREDANT FDE DriveManager and Seagate Certifications

CREDANT strives to provide its customers with solutions that meet the highest standards in the industry. The superiority of CREDANT solutions is validated through the achievement of the most stringent certification guidelines in the industry:

Cryptographic Algorithm Validation Program (CAVP) certifications

Federal Information Processing Standard (FIPS) 140-2 Level 1 & Level 2

National Institute of Standards and Technology (NIST) certified and approved

NSA Approval (NSTISSP-11 Certifications)

Management Server Features and Benefits

- **Highly scalable and easy to deploy** - Enables large-scale deployments and live, operational rapid deployment capability; lowers total cost of ownership.
- **Centralized administration and key management** - Administrators manage all users and devices through a single management infrastructure using Microsoft Management Console.
- **Extensive auditing and reporting** - Provides audit trail, compliance, and system metric reports to management that help define and facilitate regulatory requirements.
- **Easy to repurpose or retire hard drives** - Hard resets erases all encryption keys and returns the hard drive to the original factory settings by sending a "device wipe" message.
- **Simplified password management** - Offers several password reset choices for users to change password securely without administrator intervention.
- **Enhanced security** - Offers pre-boot authentication that prevents unauthorized data access; security measures detect and protect stolen devices.
- **Service Oriented Architecture (SOAP/XML)** - Features Active Directory Integration, administrator hierarchy and no Schema Changes.

CREDANT FDE DriveManager Specifications

Hard Drives and Capacity:

- Seagate[®] Momentus[®] 160 GB
- Seagate[®] Momentus[®] 250 GB
- Seagate[®] Momentus[®] 320 GB
- Seagate[®] Momentus[®] 500 GB

Drive capacity changes frequently. Please contact your CREDANT representative for the latest capacity information.

Operating Systems:

- Windows[®] XP (32 and 64 bit)
- Windows[®] Vista[®] (32 and 64 bit)
- Windows[®] 7 (32 and 64 bit)

CREDANT provides the most comprehensive Data Protection Solution to ensure that sensitive and confidential data is secure and protected at all times. Entirely built in the USA, CREDANT FDE DriveManager protects sensitive data on PCs, laptops, notebooks, internal hard drives, external hard drives, and removable storage devices, and provides extensive auditing and compliance reporting. CREDANT's solutions are deployed by multinational enterprises, government agencies and small to mid-size companies worldwide.