



Technical Specifications

CREDANT FDE for Windows

CREDANT FDE for Windows is a policy-driven full disk encryption solution for PCs, laptops, notebooks, and tablets.

- Network aware pre-boot authentication prevents unauthorized users from accessing data on the device
- Device wipe feature that performs a cryptographic erase
- Centralized administration and key management
- Extensive device-specific auditing and reporting

Complete Data Protection for PCs, Notebooks, Laptops, and Tablets

CREDANT provides comprehensive data protection for PCs, notebooks, laptops, and tablets with CREDANT FDE for Windows, a centralized, policy-based full disk encryption solution. CREDANT FDE for Windows is equipped with full AES 256-bit encryption and a robust set of authentication methods to provide organizations with unparalleled protection for data at rest and data in use. CREDANT FDE for Windows is also integrated with a PolicyServer™ to provide remote management capabilities and extensive auditing and reporting features on devices deployed throughout the enterprise.

With CREDANT FDE for Windows, unauthorized access to data on the hard drive or device is eliminated with enhanced security measures that detect and protect stolen computers and devices. The pre-boot authentication feature enforces policy-driven access control that is checked immediately when the hard drive powers up so that the device can be locked at pre-boot, preventing unauthorized users from logging on to the device. For additional layers of data security, the administrator can send a cryptographic erase message that disables the encryption keys so data on lost or stolen computers and devices cannot be accessed.

CREDANT FDE for Windows is fault tolerant and completely transparent to end users, providing total protection of sensitive data wherever it travels. The highly scalable solution is centrally managed from a single management console, a single management server and a single management agent, enabling security administrators to conveniently manage security policies, enforce compliance and produce management reports across multiple hardware configurations and operating systems.

CREDANT FDE for Windows has centralized administration that allows IT professionals to easily deploy the solution: Depending upon the drive size, CREDANT FDE for Windows typically encrypts a hard drive the first time within a few hours and the encryption can be performed while the computer or device is being used.

CREDANT FDE for Windows Features

- **Centralized administration and key management via a PolicyServer**
- **Unique network aware PBA for user and policy management before boot**
- **Device-specific auditing and reporting**
- **Supports multiple hardware configurations and operating systems, including Windows Mobile**
- **IPv4 and IPv6 compatible**
- **Pre-boot Authentication methods**
 - Fixed Passwords
 - Smart Card (CAC & PIV)
 - Active Directory Domain Password
- **Reduced sign-on capability to pass-through Windows login and to CREDANT products**



CREDANT Validation and Industry 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:

Common Criteria EAL4+ (in final review)

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

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

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 interface 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.
- **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 Change.

Specifications

Minimum Hardware Requirements:

- Pentium III class (or equivalent) or above
- 256 MB memory
- 4 GB (IDE and SATA) drives
- Video card with XVESAs compliance

Operating Systems:

- Windows[®] 7
- Windows Vista[®]
- Windows[®] XP

System Hardware Requirements:

- Microsoft[®] .NET Framework 2.0 SP1 or higher installed

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.