CREDANT®
Trusted Experts in Data Protection

TECHNICAL SPECIFICATIONS

CREDANT Mobile Guardian—Enterprise Edition

Integrated mobile data security solution to detect, encrypt, and centrally manage security on laptops, desktops, handhelds and external media

Centrally Enforce Security of All Mobile Data, Wherever It Resides

CREDANT® Mobile Guardian is the only single-system architected, mobile data security and management solution securing the most diverse set of mobile device platforms. CREDANT Mobile Guardian's integrated, flexible platform combines Policy-based Intelligent Encryption, enforcement, automatic device detection, authentication, auditing, and reporting capabilities—all manageable from a central console. Quickly deployed for today's security and business needs and scalable for tomorrow's, CREDANT Mobile Guardian's flexible platform meets the emerging needs of the data-centric market.

POLICY-BASED INTELLIGENT ENCRYPTION DELIVERS THE NEXT GENERATION OF DATA PROTECTION FOR LAPTOPS, DESKTOPS & HANDHELDS

Securing data no matter where it is stored, CREDANT Mobile Guardian now offers Full Data Encryption for Enterprises for the Windows platform. And for Mac, laptops and desktops, handhelds, and portable storage devices, CREDANT Mobile Guardian delivers greater portability and usability of secured data.

- Supports industry standard algorithms, including FIPS 140-2 validated AES 128 and AES 256
- Integrated Management for Self-Encrypting Drives
- Automatic key escrow for simple, immediate data recovery
- Compatible with automated patch management systems; requires no global login to facilitate system updates
- Compatible with existing disk recovery, maintenance, and forensic tools
- Allows multiple users to securely share information on the same desktop or laptop, while still allowing individual users to access data permissible only to them—guaranteed protection that a local administrator can not access data
- Encrypts local Security Account Manager (SAM) database and domain password hash

SINGLE SYSTEM ARCHITECTURE FOR POWERFUL CENTRAL ADMINISTRATION OF SINGLE AND MULTI-DOMAIN ENVIRONMENTS

- Delivers the broadest device platform support manageable from a single console
- Real-time remote device discovery, monitoring, and remediation
- Detailed audit trail, inventory management and reporting
- Includes OPAL compliant self-encrypting drives
- Over-the-Air (OTA) deployment and policy updates
- Seamless, read-only LDAP integration enables global, domain, group, single-user, or single-device policy enforcement
- Automated and transparent encryption key escrow
- Multiple administrative roles ensure integrity of administrative process

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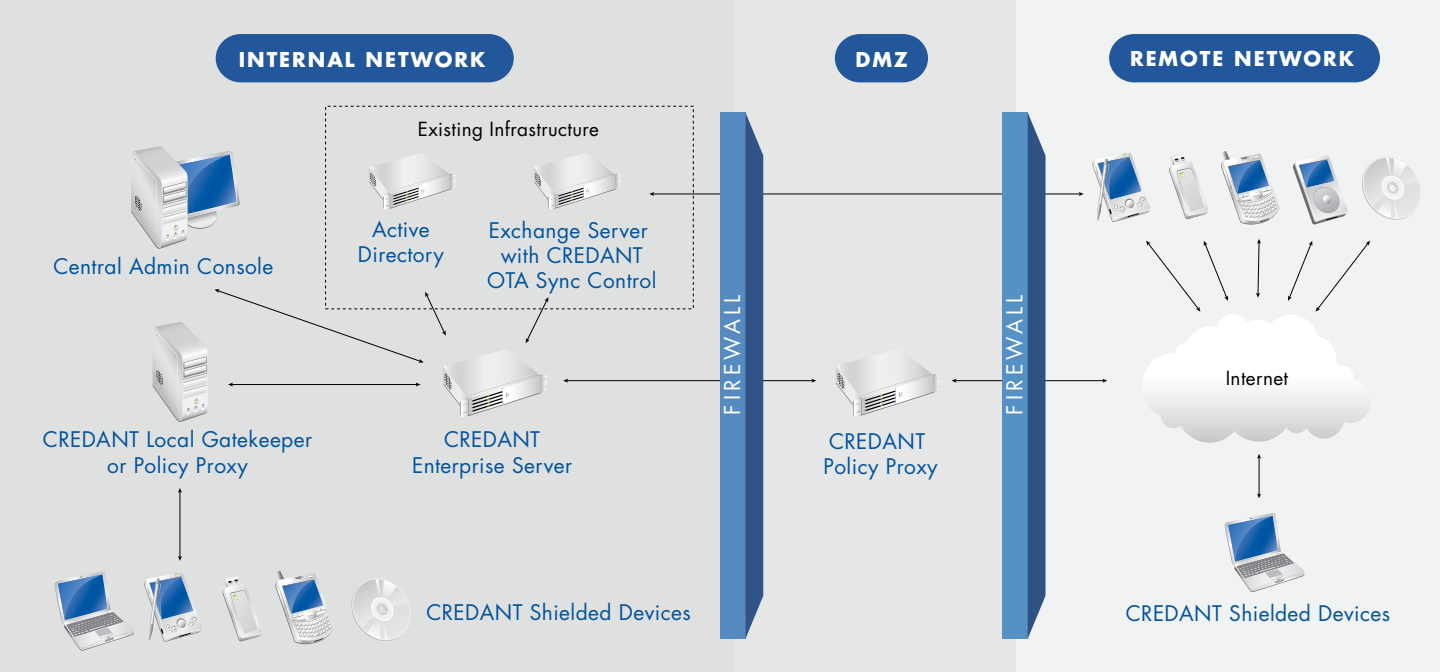

MULTIPLE LEVELS OF ACCESS, DEVICE AND END USER CONTROL

- Flexible PIN and password parameters
- Two-factor authentication; smart card, biometrics, and RSA SecurID for Microsoft Windows® support
- Self-service and help-desk assisted password recovery, even when a device is disconnected from the network
- Automatic deletion of data on a lost or stolen device, even if device is disconnected from the network
- Advanced handheld application control, including whitelists, blacklists and the ability to disable SMS messaging
- Communication port controls (Bluetooth, IR, etc.) for PDAs
- Optional Over-the-Air (OTA) Sync Control to control which handhelds, including iPhones, can sync via Exchange ActiveSync®
- Integration with Cisco NAC

TRANSPARENCY AND ENHANCED USER FEATURES BALANCE SECURITY WITH USABILITY

- For laptops/desktops, uses existing login mechanism
- Unique "Bluetooth Proximity-Based Access" technology for Windows Mobile Pocket PCs automatically authenticates the user when a trusted Bluetooth device is detected so that the device and application remain always on
- Windows Mobile Smartphone Home Screen access while device is locked
- Configurable, user-friendly access to phone, contacts, SMS, MMS, and more on smart mobile devices

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INTEGRATED COMPONENTS FOR EASY DEPLOYMENT

CREDANT Mobile Guardian Enterprise Server integrates with enterprise directories to provide a central, web-based interface for security policy definition and management, real-time mobile device inventory, and continuous reporting of mobile device security status for policy compliance.

CREDANT Mobile Guardian Shield resides on mobile devices and external media to enforce mobile security policies even if the device is disconnected from the network. It enforces strong authentication, Policy-based Intelligent Encryption, and device and end-user controls. Available as standalone model for Windows devices in disconnected or non-domain environments; migrates easily to CREDANT Mobile Guardian Enterprise Edition environment.

CREDANT Mobile Guardian Policy Proxy resides on corporate network or DMZ to provide secure distribution of policies and policy updates from the CREDANT Mobile Guardian Enterprise Server to the CREDANT Mobile Guardian Shield. It also collects device inventory and reports it back to the CREDANT Mobile Guardian server for auditing and reporting.

CREDANT Mobile Guardian Local Gatekeeper resides on desktops and notebooks to automatically detect, protect, and control locally synchronized mobile devices. It provides secure, distributed communications between CREDANT Mobile Guardian Shield and CREDANT Mobile Guardian Enterprise Server for transparent delivery and management of policy and software updates.

CREDANT Mobile Guardian OTA Sync Control (optional) enhances Microsoft Exchange Server ActiveSync to control which handhelds can sync email, contacts, etc.

SPECIFICATIONS

SUPPORTED DEVICES, OPERATING SYSTEMS, AND EXTERNAL MEDIA

Systems running:

- Microsoft Windows 7® Enterprise, Ultimate, Professional Edition
- Microsoft Windows Vista® Ultimate, Enterprise, and Business
- Microsoft Windows XP Professional, Home, Media Center, and
- Tablet PC
- Mac OS X v10.4 Tiger & Mac OS X v10.5 Leopard, Mac OS X v10.6.2, 10.6.4, (32 & 64 bit) Snow Leopard
- OPAL compliant self-encrypting drives
- Windows Server 2008 R2 SP1

PDAs, Pocket PCs and Smartphones running:

- Windows Mobile™ 6.5 Professional and Standard
- Windows Mobile 6.1 Professional and Standard
- Windows Mobile 6.0 Professional and Standard
- Windows Mobile 5.0 Pocket PC and Smartphone
- Palm OS® 5.x
- Symbian OS 9.x devices

External Media

Accessing data from:

- Microsoft Windows 7®
- Microsoft Windows Vista Ultimate, Enterprise, Business, and Home Premium
- Microsoft Windows XP Professional, Home, Media Center, and Tablet PC)

ENTERPRISE SERVER PLATFORMS

- Microsoft Windows 2008 SP2 and 2008 R2
- Microsoft Windows 2003 SP1 and SP2, R2 Standard and Enterprise

SUPPORTED DATABASES

- MS SQL Server 2008 and 2008 R2
- MS SQL Server 2005 SP1,2,3

ENCRYPTION ALGORITHMS

- FIPS 140-2 validated:
  - AES 128
  - AES 256
  - 3DES
- Rijndael 128
- Rijndael 256
- Blowfish
- Lite

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