



# 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 (CMG) is the only single-system architected, mobile data security and management solution securing the most diverse set of mobile device platforms. CMG'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, CMG'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 and Handhelds

Securing data no matter where it is stored, CMG now offers Full Data Encryption for Enterprises for the Windows platform. Avoid the security, operations and productivity issues associated with full disk encryption. And for Mac laptops and desktops, handhelds and portable storage devices, CMG delivers greater portability and usability of secured data.

- Supports industry standard algorithms, including FIPS 140-2 validated AES 128 and AES 256
- Complements Microsoft Windows BitLocker
- 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
- 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

### Multiple Levels of Access, Device and End User Control

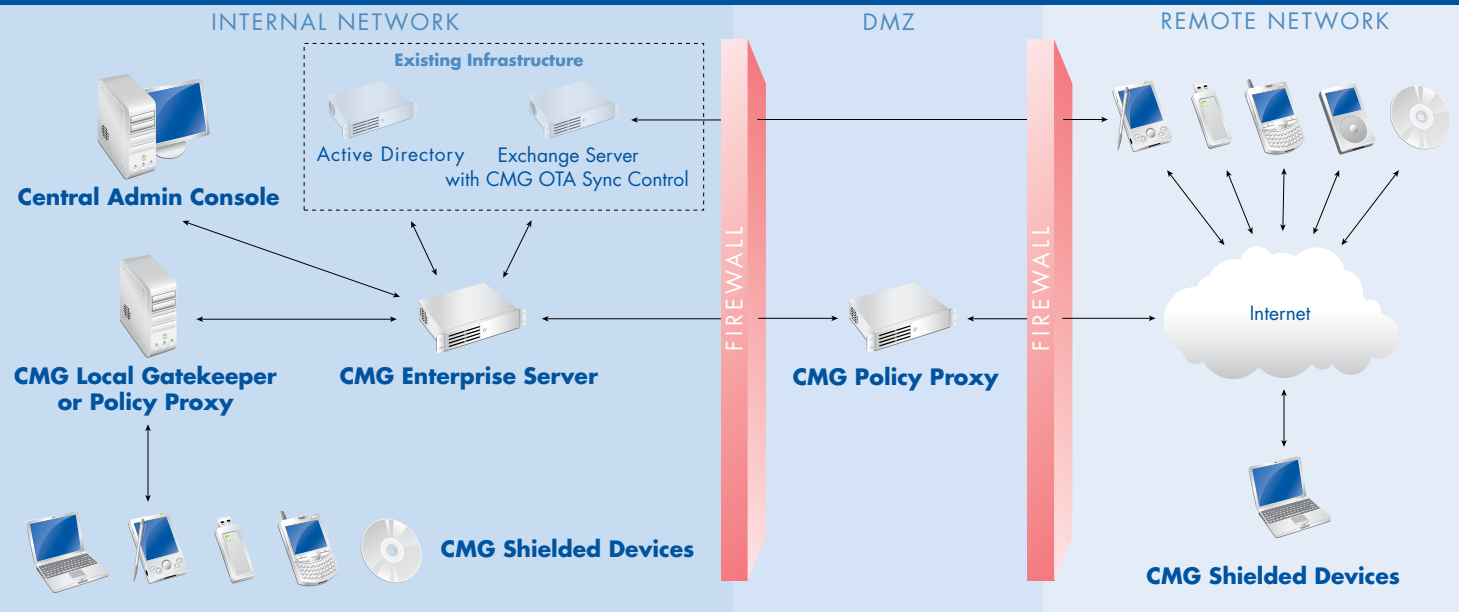
- Flexible PIN and password parameters
- Two-factor authentication; smart card, biometrics, and RSA SecurID for Microsoft® Windows support
- Self-service and help-desk assisted password recovery, even when a device is disconnected from the network
- Automatic deletion of data on a lost or stolen device, 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



## CREDANT Mobile Guardian Architecture



## Integrated Components for Easy Deployment

### CMG Enterprise Server

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

### CMG 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 CMG Enterprise Edition environment.

### CMG Policy Proxy

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

### CMG Local Gatekeeper

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

### CMG 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

#### Notebooks, Tablet PCs and Desktops running:

Microsoft<sup>®</sup> Windows Vista<sup>®</sup> 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 (Intel hardware)

#### PDAs, Pocket PCs and Smartphones running:

Windows Mobile 6.1 Professional and Standard  
Windows Mobile<sup>™</sup> 6.0 Professional and Standard  
Windows Mobile 5.0 Pocket PC and Smartphone  
Palm OS<sup>®</sup> 5.x

RIM<sup>®</sup> Java OS 4.0 BlackBerry<sup>™</sup> devices

Symbian OS 9.x devices

#### External Media

Accessing data from:

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

### Enterprise Server Platforms

Microsoft Windows 2003 Standard and Enterprise  
Microsoft Windows 2000 R2 Standard and Enterprise

### Supported Databases

MS SQL Server 2000, 2005  
MS SQL Server 2005 Express Edition

### Encryption Algorithms

FIPS 140-2 validated:

AES 128  
AES 256  
3DES

Rijndael 128  
Rijndael 256  
Blowfish  
Lite