



## Centralized management enforces consistent policies, enables compliance, and eases administrative burden

Effective security and regulation compliance requires centralized management to configure and consistently implement policies, especially in mixed IT environments. Administrators need to continually modify policies to meet ever changing requirements while at the same time ensuring security is transparent. **SafeGuard Management Center** console lowers training costs and eases administrative tasks.

**SafeGuard Management Center** is a functional module of **SafeGuard Enterprise**, a centralized solution for managing data security in mixed IT environments. **SafeGuard Management Center** is the central administration platform and works in conjunction with other SafeGuard Enterprise functional modules to provide complete security and management control over all connected devices and users. It enables the management of full data encryption and data leakage prevention (DLP) from a single console for powerful multi-layered security.

### Central management features include:

- Centralized security policies enforce consistent rules for encryption, authentication, user privileges, or for individuals and groups, on a variety of different devices in mixed IT environments.
- Easy to manage and distribute security policies to users' end-point devices quickly and conveniently. Easily import users, groups, devices, and organizational units already set-up in Microsoft Active Directory.
- Centralized key management in mixed environments allows users and administrators to easily share and recover data across groups and devices.
- Audit logs and reports guarantee compliance with internal policies and external regulations.
- Data/password recovery is compatible with standard forensic and recovery tools, minimizing helpdesk burden.

### SafeGuard Enterprise – Your Central Key to Information Protection

### About Utimaco – The Data Security Company.

Utimaco is a leading global provider of data security solutions, enabling mid-to large-size organizations to safeguard their data assets against intentional or accidental data loss, and to comply with privacy laws. Utimaco's complete range of data security solutions provide full 360 degree data protection for data at rest, data in motion and data in use. Utimaco offers its customers comprehensive on-site support via a world-wide network of certified partners and subsidiaries. Utimaco Safeware AG, with headquarters in Oberursel, near Frankfurt, Germany, is listed on the Frankfurt Stock Exchange (ISIN DE0007572406). For more information please visit [www.utimaco.com](http://www.utimaco.com)

## Benefits

### Centrally manage encryption and data leakage prevention (DLP) policies

- Manage data encryption and data leakage prevention from a single console
- Administer users and devices in mixed IT environments consistently
- Role-based user management enables granular policy enforcement
- Detailed, printable audit logs and reports for regulatory compliance
- Recover passwords and data easily
- Encrypt and manage desktops, laptops, and removable media

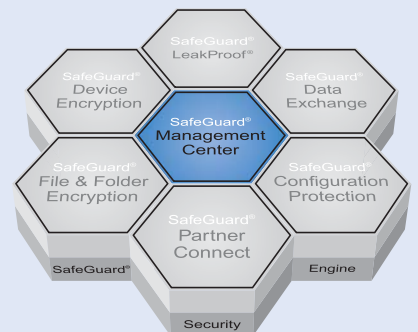
### State-of-the-art key management

- Centralized key management from a single console
- Secure storage, exchange, and recovery of keys in mixed device and operating system environments
- Share data between PCs, removable media, PDAs, or e-mail attachments

### Modular and flexible security architecture

- Grows with your needs with additional SafeGuard Enterprise modules
- Feature-rich management API for custom applications
- Supports Windows Vista™ BitLocker™ Drive Encryption
- Integration with Microsoft Active Directory®, directory service via LDAP. Supports Novell environments
- Compatible with 3rd party Smartcards, tokens
- XML/SOAP-based communication: No firewall reconfigurations, supports traffic load-balancing

## SafeGuard® Enterprise



### SafeGuard Management Center

is a module of **SafeGuard Enterprise** – a centralized solution for managing data security in mixed IT environments.

# SafeGuard® Management Center

## System Requirements

### Operating systems

- Microsoft Windows XP (Service Pack 2, Service Pack 3)
- Microsoft Windows Vista™ (Service Pack 1)
- Microsoft Windows Server 2003

### Certifications

- FIPS 140-2
- Common Criteria EAL-4 (in process)
- Aladdin eToken enabled



### Standards and Protocols

- Symmetrical encryption: AES 128/256 bit
- Asymmetrical encryption: RSA
- Hash functions: SHA-256, SHA-512
- Passwords, padding, PKCS #1, PKCS #5v2
- Smartcard / token: PKCS #11, PKCS #15, Microsoft CSP, PC / SC, Kerberos
- PKI: PKCS #7, PKCS #12, LDAP, X.509 certificates
- Data transfer: SOAP, XML, SSL

### Language versions

- English, French, German, Japanese

### Supported databases

- Microsoft SQL Server 2000, 2005, or Express edition

### SafeGuard Management API supports

- Directory operations, automatic synchronization
- User-to-device assignment
- Key assignment to devices / users
- Logs, inventory and report processing
- Certificate and token management
- Challenge/response for custom helpdesk applications

### Real-time status, logs & security reports

- All client activities/status, administrator actions and security events are logged and centrally stored. Type of logs and storage location are user-defined
- Administrators can filter, view and print log reports

### Advanced XML/SOAP based communication

- Secure communication via XML/SOAP-based Web services. Benefits include load balancing of services in large environments. No changes to firewall settings

### License management

- Administrators can activate new Safeguard Enterprise modules by simply updating the license
- Ability for administrators to track the usage of SafeGuard Enterprise modules for licence compliance

## Key Features/Functionality

### Centralized administration of security policies

- Centralized, multi-platform security administration with hierarchical definition of security policies
- Modular policy inheritance mechanisms allow utmost flexibility and efficiency in management
- Security guidelines based on Resulting Set of Policies (RSOP). The final inherited policy is calculated for every user or computer.
- Automatic distribution of security policies across platforms
- Rules assigned to organizational units (OUs) and activated for user/computer groups
- Devices that fail to contact the server in a predefined time interval, or within a set number of login attempts, can be blocked. Unblocking is done via challenge/response.

### Administration of security officers

- Role-based access. Predefined and custom security officer roles
- Dual-officer authorization for critical actions
- Optional two-factor authentication via tokens or smartcards
- SafeGuard security officers selectable from Active Directory
- Management console is multi-session-capable

### Full Management of Windows Vista™ BitLocker™ Drive Encryption

- Common security policies enforceable in mixed OS and device environments
- Centrally manage keys
- BitLocker™ Drive Encryption selectable as an option
- SafeGuard Enterprise reports on BitLocker device status

### Directory services support

- Existing infrastructure data such as users, computers, groups, X.509 certificates for administrators, and users can be imported from LDAP directories via scripting APIs
- Microsoft Active Directory support:
  - SafeGuard Enterprise specific user accounts not required
  - SafeGuard Enterprise security officers selectable from Active Directory users
- Supports Novell environments

### Automated installation

- Compatible with typical software distribution mechanisms via MSI packages. Can be distributed and installed automatically using existing software management systems e.g., Altiris, Microsoft SMS, NetInstall
- Default configuration settings enable quick implementation in test environments

### Help desk options

- Integrated challenge/response recovery wizard for forgotten user passwords
- Web-based helpdesk for outsourced environments
- Web self help for end-users to reset passwords without contacting the help desk
- API for custom help desk integration

### Further information

- For more information about Utimaco Safeware and our complete line of SafeGuard solutions, visit: [www.utimaco.com](http://www.utimaco.com). To learn more about all of the modules that comprise SafeGuard Enterprise, visit [www.utimaco.com/sgn](http://www.utimaco.com/sgn)

### Utimaco Safeware Partner:

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