

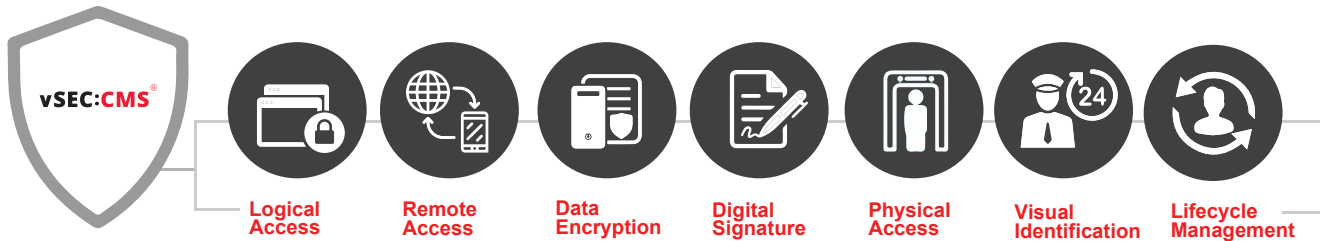
vSEC:CMS[®] Enabling Zero Trust Security

Advanced credential management made easy.

Versasec's vSEC:CMS S-Series offers a new approach for managing physical and virtual credential.

Why implement vSEC:CMS?

The vSEC:CMS S-Series empowers business systems by providing state of the art, highly secure user identity management. Its two-factor authentication and PKI capabilities lets companies of all sizes take advantage of powerful applications that require and demand the highest level of security, for fine-grained access control, traceability, audit and non-repudiation.



Advantages

Fast: Setup and configuration takes hours rather than weeks or months.

Intuitive: End users can get started without helpdesk intervention.

Flexible: Integrates with all leading PKI devices, such as virtual and physical credentials, and ecosystems such as HR systems and card printers.

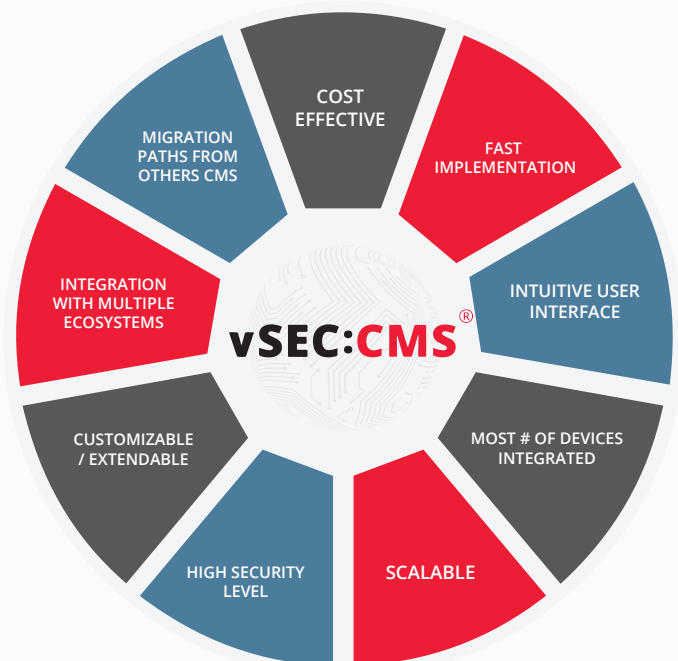
Secure: Offers highest levels of security out of the box.

Scalable: vSEC:CMS grows with your business easily, as needed.

Cost-Effective: Versasec offers among the lowest total cost of ownership with no hidden costs.

Customizable: vSEC:CMS offers powerful open SDKs and APIs used by third-party integrators and by Versasec's Professional Services team.

Easy Migration: To enable you to smoothly transfer your data from a previous system.



Fast Installation, High Security, No Dedicated Servers, Low TCO

vSEC:CMS S-Series is critical in helping organizations deploy and manage credentials quickly and efficiently. The client/server-based system streamlines all aspects of credentials management by easily connecting to enterprise directories, certificate authorities, smart card printers, external databases, physical access control systems, and more. The S-Series is designed for several operators and users working in parallel without the need for synchronization; each operator requires access to the operator application and his or her operator smart card only.



Figure 1 - S-Series Connections

Technical Specifications

Operating Systems

- Client/Operator/User Self-service:
 - MS Windows 7, 10, 2012, 2016, 2019
- Server:
 - MS Windows 2012, 2016, 2019

Credentials Supported

- ACS CryptoMate64
- Athena CNS/IDProtect
- Avtor CryptoCard 337
- CardOS 4.4/5.3
- Cryptovision ePKI Applet
- Feitian ePass2003/eJava
- Gemalto IDPrime MD, PIV, .NET
- Gemalto Safenet eToken
- HID C200/C1150
- Identiv uTrust MD
- Longmai mToken CryptoID
- Microsoft minidriver enabled devices
- Microsoft Windows Hello for Business (WHfB)
- Mifare DESFIRE EV1
- Morpho ypsID S2/S3
- Oberthur Authentic/IAS ECC/PIV 8.1
- Open FIPS 201 Applet
- SafeTrust-PIV on Placard
- Taglio C2/PIVKey
- TCOS TeleSec IDKey
- Virtual Smart Cards (VSC)
- Yubico YubiKey 5/4/NEO

Card Features

- Printer support for graphical personalization
- PIN mailers (both email and regular mail)
- Contactless RFID interface
- Batch processing
- Card stock management

Compatibility

- User directory: MS Active Directory, IBM-LDAP, OpenLDAP and LDAP v2/v3
- Card DB: SQL comp or local file
- Certificate Authority: GlobalSign PKI, MS CA, Entrust, Digicert PKI Platform 7.x, Digicert PKI Platform 8.x, EJBCA, neXus PKI, OpenTrust PKI, Verizon UniCERT CA
- HSM: Thales SafeNet Luna/ProtectServer/DPoD, nCipher nShield, Utimaco HSM and Engage BlackVault
- Card Printers: Fargo HDP5000, Datacard SR300, Magicard Prima 4, Evolis Primacy & Matica 8300
- Upgrade path from vSEC:CMS K & T-Series, Thales/Gemalto SAM, Gemalto DAS and Microsoft FIM/MIM CM
- APIs: Plugin, SOAP, COM, SQL, Script, WebStart

Security Features

- Secure key storage
- Secure backup and synchronization of databases
- Disaster recovery for stolen/lost tokens
- IdP using OIDC for secondary authentication
- Encrypted audit log
- Granular access control
- Approval workflows
- Connects logical and physical access control
- Key archival and key restore processes
- Fingerprint template management
- Failover clustering for high availability

Performance

- Tested with 300 000 registered user smart cards and 100 operators interacting with the system
- Load balancing for high scalability