

## Smart managing of wireless 2 factor authentication

### THE CHALLENGE

Two-factor authentication allows users to securely login to their system without security risks associated with username/passwords. Smart cards are convenient and easy to use for all employees, and now easy to setup and configure. Using vSEC:CMS in combination with the wireless AirID smart card reader, the company's security system is ready for use within hours, rather than weeks and months. It also allows organisations of any size, sector and location to login effortlessly and wirelessly, without compromising security

### vSEC:CMS S-SERIES

by Versasec

The vSEC:CMS S-Series is an innovative, easily integrated and cost-effective smart card management system that helps organizations deploy and manage smart cards quickly and efficiently. The vSEC:CMS S-Series is client server based. It streamlines all aspects of smart card 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 a need for synchronization - for best convenience in everyday work.



### WIRELESS SMART CARD READER AirID

by certgate

The certgate AirID is a wireless smart card reader in credit card format (ID-1). This means that smart card functions of a typical company ID card can be used wirelessly on various devices. AirID works seamlessly with versasecs vSEC:CMS which manages the whole lifecycle of the used smart cards for the whole company.

Also AirID supports the platforms Apple iOS, Android, Windows, Linux and the interfaces Bluetooth Low Energy and USB. Also, the existing NFC function of the smart card is retained. Therefore nearly all smart card based use cases can be extend to mobile devices such as laptop smartphone and tablet.

### BENEFITS

- ✓ Easy-to-use setup for two-factor authentication (2FA)
- ✓ Maximum security thanks to wireless 2FA
- ✓ For Windows devices also without smart card slot
- ✓ Full managed smart card lifecycle
- ✓ Fast implementation
- ✓ Highly scalable: for the amount of users you really need

### THE JOINT SOLUTION

#### Strong Two-Factor Authentication

Customers can use vSEC:CMS to manage the full lifecycle of the smart cards ready for use with the AirID reader, from issuance, maintenance and revocation. After the smart card and reader are set up, users can quickly authenticate for login, secure email or code signing easily using the AirID for their two-factor authentication.

Two-Factor authentication with the AirID is simple: by setting up a personal certificate for the user on the smart card that would be used with the AirID, users can securely authenticate to their computer by connecting the device and inputting a PIN. It creates convenience without the risk of forgetting their credentials and constant password resets, whilst also adding the security of having a second factor which can only be used by you and is possible to be setup so login to your systems can only be done by using the personal second factor.

Thanks to the partnership between Versasec and certgate, administrators can quickly and easily set up and authenticate all their AirID devices ready for use within their organizations. With the highly flexible templates, administrators can fully customise their security environment to suit the workplace. Combined with the easy-to-use graphical user interface, user-self service capabilities and remote management, organizations can setup the perfect security two-factor environment in hours, rather than weeks or months.

Whether the organization requires two-factor authentication for 20 or 200,000 users, vSEC:CMS with AirID is the perfect solution.

## THE JOINT SOLUTION AT A GLANCE

with vSEC:CMS S-SERIES and AirID

- Administrators of the IT systems can use the AirID to read their administrator smart card for issuing and maintaining PKI smart cards and other devices for end-users within the vSEC:CMS software
- Users can use the AirID to read their PKI smart card for two-factor, PKI-based authentication into their IT system
- Support of the common use cases:
  - Windows logon
  - Secure remote access
  - Email signature and encryption
  - Digital signature
  - Website authentication
  - File encryption
- Users can use their smart card on any device to access the PKI-based system and its services.



### About Versasec

Versasec is the leading provider of state-of-the-art highly secure identity and access management solutions. With its flagship product, vSEC:CMS, Versasec eases the deployment of physical and virtual smart cards for enterprises of any size. Versasec’s solutions enable its customers to securely authenticate, issue and manage user credentials more cost effectively than other solutions on the market.

Versasec maintains its mission of providing solutions that are affordable and easy to integrate, coupled with first-class support, maintenance, and training. Versasec customers include HSBC, Tieto, Raiffeisenbank, Hornbach, Daimler, Australia’s Department of Defence, European Commission, Qualcomm, eBay, Saudi Aramco, IMF, L’Oreal and Cleveland Clinic Abu Dhabi.

Versasec has offices in Sweden, Dubai, Singapore, the United States, the United Kingdom, France and Germany. Versasec’s products and services can be purchased and delivered worldwide through an extensive reseller network and via the Versasec web site:

<https://versasec.com>



### About certgate

certgate is one of the leading IT security providers for secure, mobile communication technologies and a member of the alliance „IT Security Made in Germany“ for many years. Internationally leading companies and authorities such as the German Federal Employment Agency and state security authorities in other countries secure their mobile communication through certgate’s patented technology and products. certgate’s solutions are also distributed through partners worldwide and enable real protection against hackers, mobile data leakage and unauthorized access – also by governmental authorities. certgate already provides sustainable protection for the mobile communication and data for thousands of users daily worldwide today.

Find out today why secure communication is recommended as essential by many leading experts under:

<https://www.certgate.com/why-encryption>

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