

# MAXIMUM SECURITY

## FOR YOUR MOBILE WORKPLACE



## WIRELESS 2 FACTOR AUTHENTICATION

Wireless smart card reader for strong authentication on mobile and office IT systems.





# SECURE MOBILE WORKING

The flexibilisation of the workplace is accompanied by changes in IT security requirements. In order to work as agilely and flexibly as possible, more and more mobile end devices are being used.

This is why companies need sustainable IT security solutions.

Cloud applications and flexible working are very popular. By using mobile devices such as laptops, tablets and smartphones, employees can work from anywhere and always have access to online services and valuable company data. To protect against cyber attacks such as the phishing of access data, it is advisable to secure these digital entry points - for example via the proven 2-factor authentication using a smart card. But modern end devices usually no longer have a suitable interface to guarantee hardware-based security. With the AirID smart-card readers you have 2FA security for all devices. Sensitive data such as personal certificates are stored separately from the device and made available to the respective end device via a wireless connection. Convenient for the user and secure for the company.

# WIRELESS SECURITY



Store all your identities and permissions on your smart card and connect it wirelessly to many devices. AirID readers adapt flexibly to your needs and integrate easily into your existing IT infrastructure. The wireless standards BLE or NFC (AirID 2 Mini only) are used. Even the connection via USB is possible.

## FOR ANY PLATFORM\*

Especially if you work in hybrid infrastructures where different operating systems are used, AirID smart card readers connect wirelessly to any system of your choice.



## FOR ANY DEVICE\*\*

Whether smartphone, tablet, or laptop and desktop: With the multi-device capable AirID smartcard readers you can use your digital identity on all your devices - protected by strong 2-factor authentication.



\*) SDK integration is required for use in special apps  
 \*\*) BLE, USB and/or NFC (AirID 2 Mini) interface required

# IN TWO VARIANTS



## AirID 2

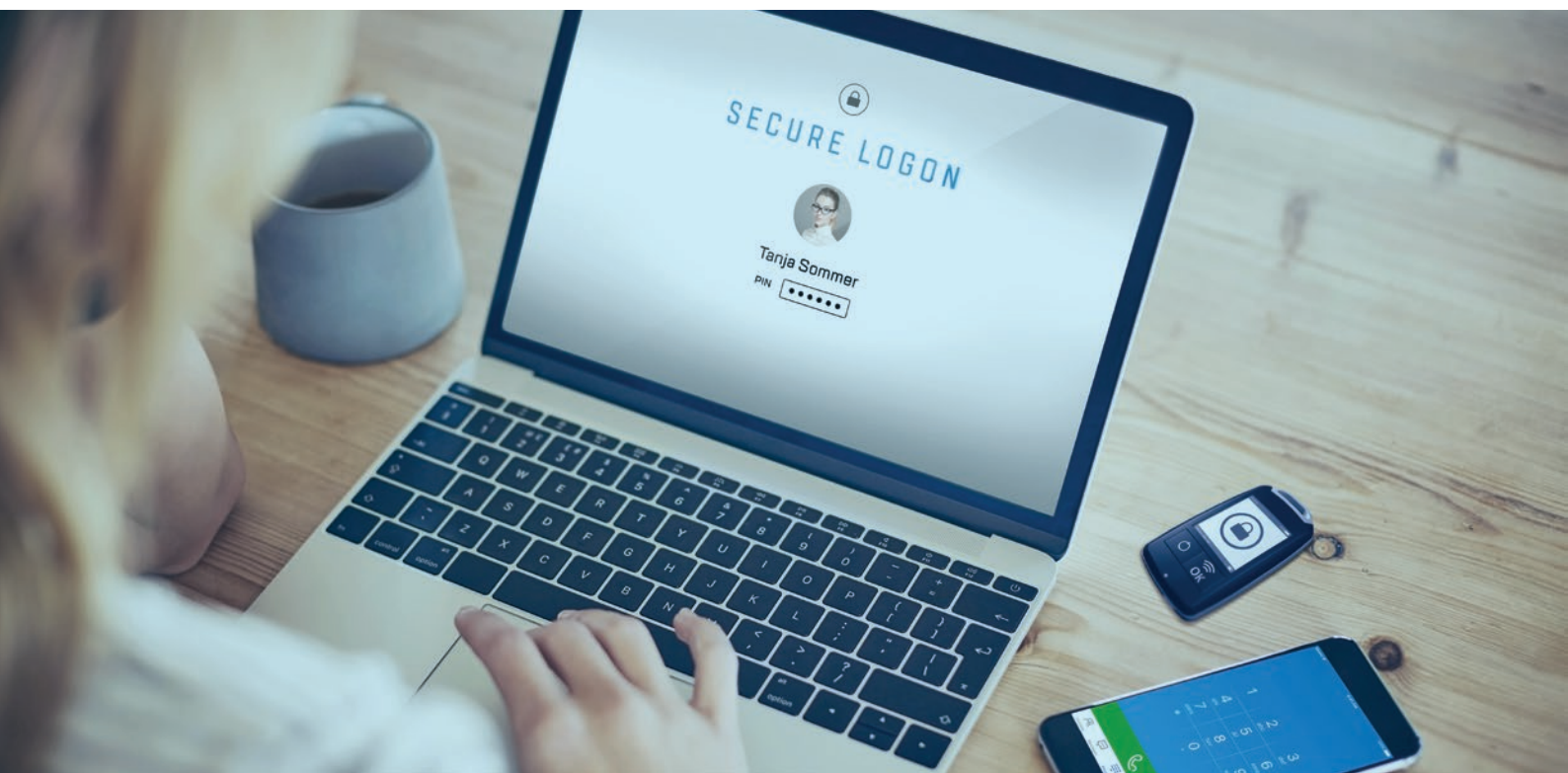
Use your existing smartcards on mobile devices as well.

The wireless smartcard reader in „credit card“ format (ID-1). This allows smartcard functions of a conventional company ID card to be used wirelessly at different terminals. AirID supports Windows, Apple macOS\*, iOS, Android, Linux and the Bluetooth low-energy and USB interfaces. The existing NFC function of the smartcard is also retained. Discover unlimited application possibilities such as 2 factor-authentication, smartcard log-on, encryption, etc.

## AirID 2 Mini

The compact alternative for the key ring with integrated EAL-certified smart card.

AirID 2 Mini (aka ONEKEY ID) is a wireless, flexible smart card reader in a very compact form factor. AirID 2 Mini connects to smartphones, tablets, laptops or non-mobile systems via Bluetooth, NFC and USB. This allows the integrated and exchangeable JAVA smart card to be made available flexibly - completely independent of physical interfaces. The Bluetooth connection of the AirID 2 Mini is particularly secure thanks to an additional AES256 encryption.



# FOR DAILY BUSINESS



Smartcard LogOn



AutoLock



Email encryption



Signing documents



HD encryption



Virtual Private Networks



Secure printing



Physical access



Payment



Time recording

The AirID reader supports the most common applications for practical operation. From the physical access over the proven 2FA Smarcard-LogOn up to the complete hard disk encryption. A special option for the secure, digital workplace is the AutoLock function, in which the system is automatically locked as soon as the employee leaves the workplace.

## Smartcard<sup>+</sup>

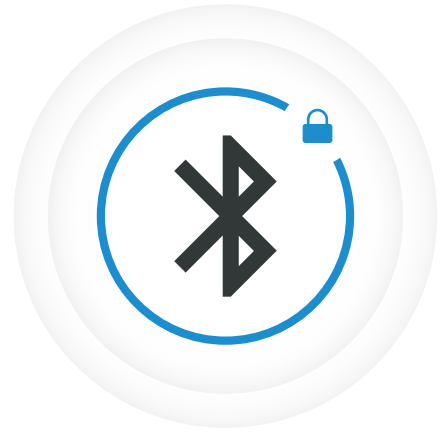
Flexible FIDO solution, for sustainable security in many applications

With Smardcard<sup>+</sup> you use the wireless AirID readers for Windows Hello login or Webauth authentication with password-free, secure access for cloud and web services. So you only have one device for all applications - no matter on which device.

This is particularly suitable for all companies with a hybrid IT infrastructure that use both smartcards and FIDO tokens. The standards of U2F and FIDO2 are supported. So you are well prepared for all eventualities.

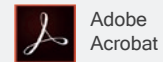
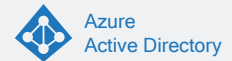
# ENCRYPTED BLE-CONNECTION

In order to achieve the highest security, AirID 2 or AirID2 Mini secures the Bluetooth connection to all working devices (tablet, smartphone, PC, etc.) by means of AES 256 encryption. After the initial one-time pairing and the successful exchange of the key material, the connections to your device are securely encrypted.



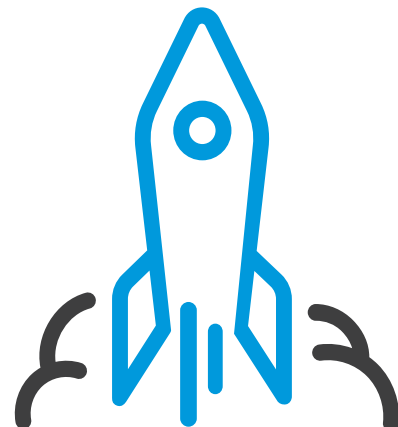
# PRACTICAL APPLICATIONS

The AirID readers support many Office applications, for example to sign documents for secure communication via email. In addition, the entire system can be easily and securely encrypted and thus protected against unauthorized access - even if the device is stolen or lost.



# READY TO USE

Simply use your existing smartcard together with AirID and immediately after the initial driver installation all your known smartcard applications such as smartcard logon under Windows, encryption of e-mails or secure, certificate-based VPN connections can be used.



# EASY OVERVIEW



| characteristic                 | AirID 2                                   | AirID 2 Mini                       |
|--------------------------------|---|------------------------------------|
| Dimensions                     | 90 x 60 x 10 mm                           | 72 x 38 x 15 mm                    |
| Weight                         | ca. 45 g                                  | ca. 40 g                           |
| Display                        | 132 x 32 px low power LCD Display         | 128 x 128 px low power LCD Display |
| Status LED                     | ✓   | ✓                                  |
| Battery life*                  | ca. 2 weeks                               | ca. 3 weeks                        |
| Acoustic Buzzer                | ✓   | ✓                                  |
| Use                            | Jog-Dial                                  | 2 button use                       |
| Visual identification function | ✓   | -                                  |
| Smartcard format               | ID-1                                      | ID-000                             |
| Orientation                    | portrait or landscape                     | -                                  |
| Micro-USB 2.0                  | ✓   | ✓                                  |
| BLE 4.2                        | ✓   | ✓                                  |
| NFC                            | NFC function of the smartcard is retained |                                    |
| CCID support                   | ✓   | ✓                                  |
| Connection encryption          | AES 256                                   | AES 256                            |
| AutoLock                       | ✓   | ✓                                  |

\* Depending on use



## THE PLUS IN SAFETY

With enhanced service and support, you get guaranteed service today and in the future, such as access to the latest drivers and firmware. So you are always on the safe side.



# FOR YOUR BRANCH

IT security for is relevant to every industry through digitization. Each company has its own individual requirements and use cases. Together with our partners, we will be happy to help you find a solution.

- Finance & Insurance
- Healthcare sector
- Automotive industry
- Research & Development
- Pharmaceuticals
- Industry
- Logistics
- Military/Defense
- Governmental authorities
- KRITIS infrastructure

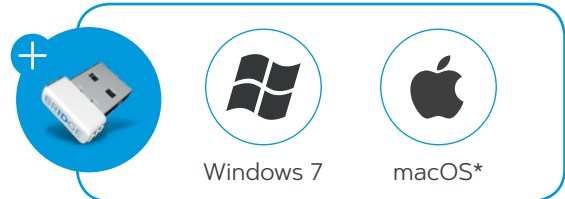
## APROVED FOR CLASSIFIED AND RESTRICTED ENVIROMENTS

AirID 1 Government Edition can also be used to secure mobile devices in government environments. With secure applications such as SecurePIM, the mobile smart card reader has been tested by the BSI and offers maximum security with maximum comfort for the user at the same time.



## SUPPORT FOR OTHER PLATFORMS

- ✓ AirID BRIDGE enables the use of certgate ID-products on devices without Bluetooth low-energy.
- ✓ Plug and Play: No additional drivers are required to install AirID BRIDGE.
- ✓ Highly secure: AirID BRIDGE encrypts the Bluetooth connection with AES 256 between device and reader.
- ✓ Compact design: With its USB nano design, the AirID BRIDGE practically disappears from your USB port.
- ✓ Multi-reader capable: Multiple smartcard readers can be connected to one AirID BRIDGE.



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\*) Native macOS support, expected in Q4/2019

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