

# MAXIMUM SECURITY

## FOR YOUR MOBILE WORKPLACE



### WIRELESS 2-FACTOR AUTHENTICATION

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





# SECURE MOBILE WORKING

The workplace flexibilization is accompanied by changes in IT security requirements. In order to work as agile and flexible 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. Additionally 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 smart card readers you can use your digital identity on all your devices - protected by strong 2-factor authentication.



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

# IN TWO VARIANTS



## AirID 2

Use your existing smart cards on mobile devices as well.

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





# FOR DAILY BUSINESS



Smart card LogOn



AutoLock



Email encryption



Signing documents



HD encryption



Virtual Private Networks



Secure printing



Physical access



Payment



Time recording

The AirID readers support 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.

## Smart card<sup>+</sup>

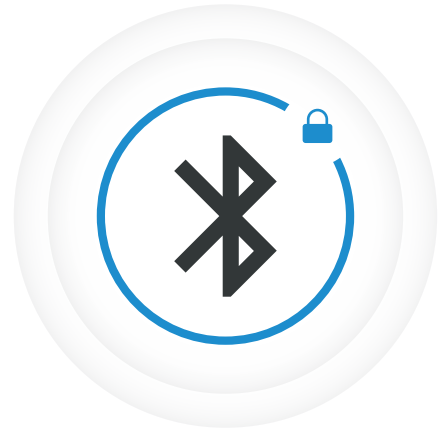
Flexible FIDO solution, for sustainable security in many applications

With Smart card<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 smart cards and FIDO tokens. The standards of U2F and FIDO2 are supported. So you are well prepared for all eventualities.

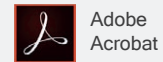
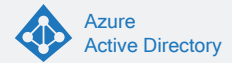
# ENCRYPTED BLE-CONNECTION

In order to achieve the highest security, AirID 2 or AirID 2 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

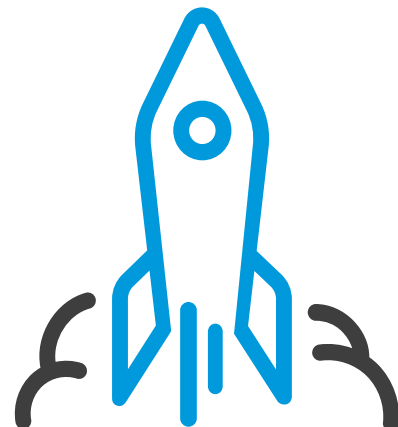
The AirID readers support many Office applications, for example to sign documents for secure communication via email. In addition, the entire system can be easily and securely encrypted and thus protected against unauthorized access - even if the device is stolen or lost.



# READY TO USE

Simply use your existing smart card together with AirID. Immediately after the initial installation, simply use your existing smart card together with AirID for all your known smart card applications such as smart card logon with Windows, encryption of e-mails or secure, certificate-based VPN connections.

If the SDK is integrated into specific apps on mobile devices, an additional driver isn't required.



# EASY OVERVIEW



Characteristic	AirID 2	AirID 2 Mini
Dimensions	90 x 60 x 10 mm	72 x 38 x 15 mm
Weight	ca. 48 g	ca. 36 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	✓	✓
Menu navigation	Jog-Dial	2 button use
Use as ID badge	✓	-
Smart card format	ID-1	ID-000
Orientation	portrait or landscape	-
Micro-USB 2.0	✓	✓
BLE 4.2	✓	✓
NFC	NFC function of the smart card is retained	NFC antenna (Dual-Interface support)
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

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

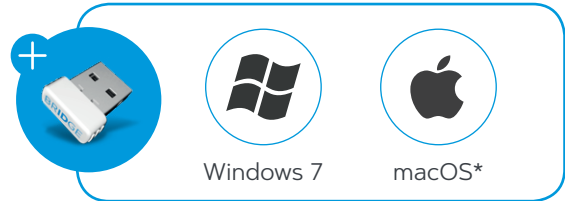
## APROVED FOR CLASSIFIED AND RESTRICTED ENVIROMENTS

AirID 1 Government Edition can also be used to secure mobile devices in government environments. Together with the secure application 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's smart card readers 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 smart card readers can be connected to one AirID BRIDGE.



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

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