



## AirID VIRTUAL

AirID VIRTUAL is a complete software solution for secure certificate-based 2-Faktor authentication, Signature and encryption on Windows10 systems (macOS planned). AirID VIRTUAL is suitable for all companies with ActiveDirectory.

The setup and administration of users and distribution of certificates is done centrally very easy and fast via a web service (onPremise on request).

Thanks to a local Bluetooth connection between smartphone and PC, no Internet connection is required during operation. Like all AirID products, the PC is immediately locked automatically when the user leaves the workstation.



fido  
ALLIANCE



## TECHNICAL SPEZIFICATIONS

- **Mobile APP, supported operating systems**
  - Google Android, inkl. Trusted EE Support
  - Apple iOS
- **Desktop/notebook, supported operating systems**
  - Microsoft Windows 10
  - Apple macOS (planned)
- **Local Bluetooth LE™ connection:**
  - Easy pairing via QR-code for secure, encrypted Bluetooth LE™ connection
  - Bluetooth connection protected by additional AES256 encryption layer
- **Web service for set up and administration**
  - Central web service for set up and administration by organizational system administrator
  - Semi-auto, easy initial set up
  - Secure integration with Microsoft Active Directory
  - Zero storage of transaction data
  - Easy auto enduser enrollment by automated provisioning processing
  - Secure, guided enduser set up
- **Supported certificates & token:**
  - self-signed X.509 certificates (standard) incl. key usage authentication, signature, encryption
  - X.509 certificates from third party trust center on request
  - FIDO2 token for authentication via BLE

## SYSTEM COMPONENTS & SETUP

AirID VIRTUAL consists of a virtual smartcard (mobile app), a cloud-based server backend for setup and management and a Windows 10 utility (macOS planned) for secure virtual smartcard authentication (smartcard LogOn) at the workstation.

After registration, the system administrator can connect the AirID VIRTUAL Admin server to its ActiveDirectory server and create all end users. The end users will automatically receive an invitation to setup by mail.

After simple setup of the APP, the certificate is automatically sent to the end user. Afterwards he can securely log in with 2-factor security, as well as use the certificate for signature and encryption, etc.

### IHRE VORTEILE

- ✓ Certificate-based security is recognized worldwide.
- ✓ Software complete solution - just start immediately!
- ✓ Central setup done in a few hours.
- ✓ No MDM / MAM required.
- ✓ For 2-factor authentication, electronic signature and encryption
- ✓ No online connection required.
- ✓ Integrated distance log-out.
- ✓ Simple operation.

## SUPPORTED PLATFORMS



iOS



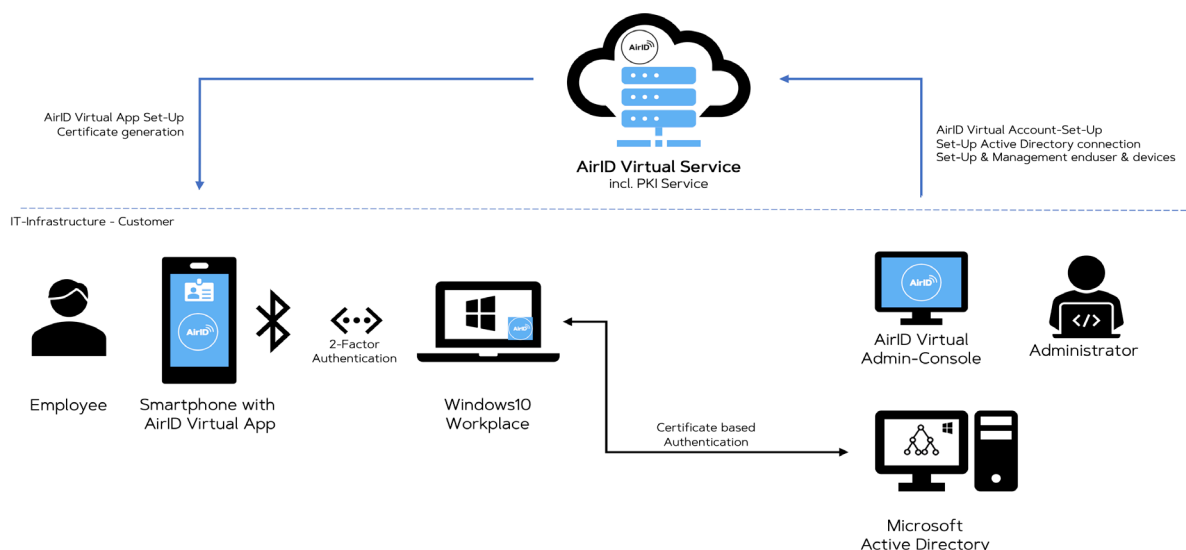
Android



Windows 10



macOS  
(planned)



Schematic diagram AirID VIRTUAL total solution

## USE CASE EXAMPLES

- Single Sign On for multiple devices (MSSO)
- Multi-factor authentication for devices & application
- Simple authentication for mobile workers
- Automatic distance logoff protects data
- Healthcare, hospitals: Contactless authentication for protected, clean room areas
- Multi Cloud Service Authentication
- Secure email communication and signature
- More security through separation of data & key
- And many more...

## WHY AIRID VIRTUAL?

Certificate-based security is recognized worldwide and is the central IT security foundation for global corporations, government agencies and any company that values IT security.

AirID VIRTUAL is the simple, complete solution, including certificate creation, distribution and APP for the end user and fast, centralized setup and management.

In advance to many other authentication solutions, AirID VIRTUAL does not require an Internet connection (only during setup) and can also be used for signing and encryption.

AirID VIRTUAL protects the privacy of the employees perfectly, since no logon, signature and transaction data is recorded during operation.

## SUPPORT, DOWNLOADS & FAQ

In our Online Service & Support area you will find always the most current documentation.

[www.AirID.com/support](http://www.AirID.com/support)



## TECHNICAL PREREQUISITES

- Register at: [www.AirID.com/AirID-VIRTUAL](http://www.AirID.com/AirID-VIRTUAL)
- Desktop / notebook / tablet:
  - Windows 10, min V1909 (prior Vers. on request)
  - MacOS (planned)
- Mobile device / smartphone:
  - Android min version 6 or iOS min version 12
- Microsoft Active Directory onPremise (Azure planned)



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