



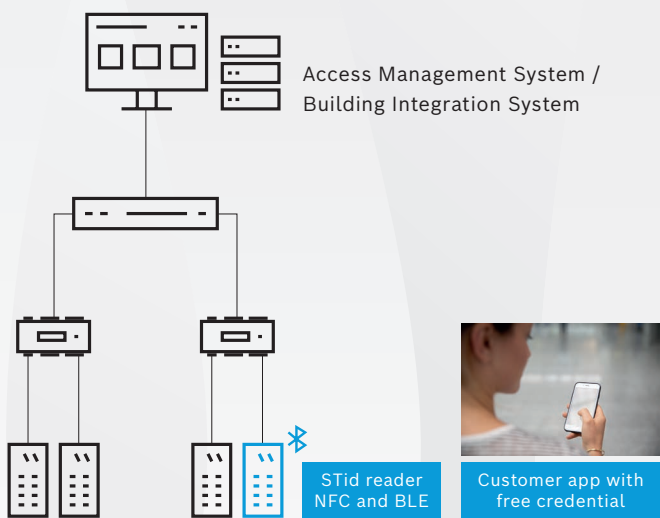
**BOSCH**

Invented for life

# Integrated access control solution for keyless entry

Seamless entry

## Bosch Security and Safety Systems and STid



- ▶ Integration of Building Integration System / Access Management System and STid Mobile ID readers for keyless entry solution
- ▶ Mobile credential as means of identification
- ▶ Fast and hygienic access control solution
- ▶ Out of the box solution that does not require an administration portal



The integration of the Access Management System (AMS) or the Building Integration System (BIS) with STid's Mobile ID access solution offers an out of the box, touchless access control solution for keyless entry. Selected readers from STid can be connected to a new or existing Bosch installation using BIS or AMS. STid provides a mobile app that can be downloaded in the Apple App Store and in the Google Play Store. After installing the app on a mobile device, a free credential with a unique ID number is created in the app. This number, similar to a card number from a physical card, is then enrolled in AMS or BIS. After successful enrollment, the user can use his mobile device as means of identification. To do so, he presents it to the corresponding STid readers which in turn send the ID of the mobile credential to the Access Modular Controller (AMC2) to check the authorization rights. If the person is authorized to enter the door, access will be granted.

The integration of the STid enrollment reader allows for convenient and fast enrollment of mobile credentials. As the readers have been pre-configured for Bosch, the configuration doesn't need to be adjusted for the solution to work with Bosch

access control software. In order to provide the user with maximum flexibility, the readers are compatible with Wiegand and RS-485 (OSDPv2 SC), allowing the user to choose the interface / protocol he prefers. Regarding card formats, he can choose between Mifare DESFire or Mifare Classic CSN. For highest security, the mobile device and the reader communicate with an encrypted protocol.

The integration is also very convenient for the end user who uses the mobile device as means of identification because neither a card nor a PIN needs to be carried or remembered to be granted access.

### Compatibility

STid	Bosch devices
<b>STid selected reader portfolio (standard, mini mullion, enrollment)</b>	<b>Building Integration System 4.7 (and higher), Access Management System 2.0 (and higher) AMC2 Wiegand AMC2 RS-485</b>

# Applications / Vertical Markets



Office / Commercial buildings



Education



Healthcare and Hospitals

## Key features

### Highly hygienic

No physical contact between person and device is needed, making the identification process very hygienic.

### Out of the box

As the STid readers have been pre-configured for Bosch, no further configuration is needed to work with BIS/AMS and the Access Modular Controller (AMC). It is an easy plug and play solution.

### Convenience

Installing the app will offer the user a free mobile credential. Therefore no administration of a credential portal is necessary.

### Data privacy

As the solution works offline once the app and the credential have been downloaded, no internet or cloud connection is needed, thereby protecting the users' privacy.

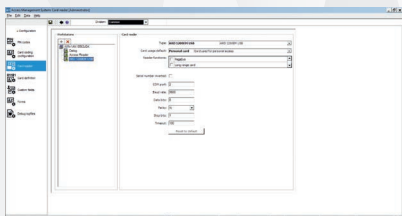
### Flexibility

To provide maximum flexibility in the choice of interface and protocol, Wiegand and RS-485 (OSDPv2 SC) are both supported. Moreover, the STid readers are able to read the card formats DESFire and Mifare Classic CSN, allowing the user to choose the format that fits his requirements best.

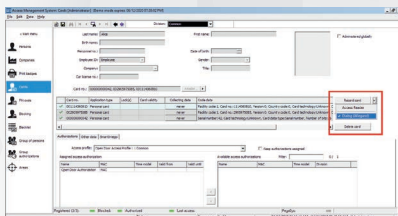
### Retrofit

STid readers can easily be added to existing Bosch installations. Moreover, readers from Bosch can be connected without any constraints to the same AMC like STid readers.

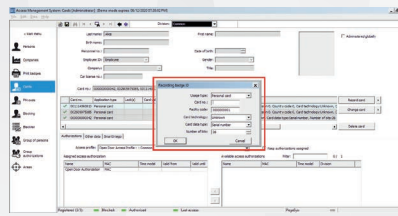
## Credential Enrollment into Bosch access software



Adding STid reader as enrollment reader in the Access Management System



Selecting dialog reader for enrollment



Registering the virtual card

**The Bosch division Security and Safety Systems** is a leading global supplier of security, safety, and communications products, solutions and services. Protecting lives, buildings and assets is our aim. The product portfolio includes video surveillance, intrusion detection, fire detection and voice evacuation systems as well as access control and management systems. Professional audio and conference systems for communication of voice, sound and music complete the range. Bosch Security and Safety Systems develops and manufactures in its own plants across the world. Additional information can be accessed at [www.boschsecurity.com](http://www.boschsecurity.com)

For over 20 years, **STid** has been inventing and supplying identification products and solutions for High Security physical and logical access control and Automatic Vehicle Identification (AVI). STid helps companies, governments and industries around the world ensure easy and secure management of digital identity by developing smart identification solutions based on cutting-edge RFID, NFC and Bluetooth® technologies, and Internet of Things (IoT).

[www.stid-security.com](http://www.stid-security.com)