



SiPass Access
Control System

SiPass™ Secure Card Formats

- **Ownership of single card format greatly increases access security**
- **Single supplier ensures authenticity and uniqueness**
- **All Siemens Building Technologies card formats feature encryption**

One method of ensuring the highest possible security of an access credential is to partner with a reputable security company or manufacturer and use their proprietary card format. The card format is then unique to the facility or corporation for which it is issued.

Siemens Building Technologies provide a number of high security formats to their partners. This allows each facility to control their own format; regardless of where they are located around the world, the access credential remains unique.

Benefits



SiPass caters for both secure and non-secure card formats. Non-secure formats include those, which may be issued by any security company worldwide; for example, industry standard 26-bit Wiegand format.

Only 256 combinations of cards with this format can exist. With a large number of installations using this format, it is entirely possible that hundreds, even thousands, of facilities are using identical cards, proving an alarming potential security flaw.

Siemens Building Technologies overcomes this risk by issuing customers with a unique card format, licensed specifically with their SiPass system, to provide the highest possible secure environment.

Specifications

Secure Card Formats

The following secure card formats are offered from Siemens Building Technologies:

Proximity and Smart Card

- Siemens 52-bit
 - Asco 36-bit
 - Indala 27-bit
 - Cotag 27-bit
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Bar Code

- 2 of 9
 - 3 of 9
 - Encrypted
 - Facility
-

Magnetic Strip

- Credit
 - Encrypted
 - Facility
-

System Requirements

Required for SiPass Secure Card Formats is one of the following core packages:

| Part no. | Description |
|---------------|--------------------------------------|
| 6FL7820-8AA00 | SiPass Starter ¹ |
| 6FL7820-8AA10 | SiPass Standard Edition ¹ |
| 6FL7820-8AA20 | SiPass Optima ¹ |

¹ Requires SiPass MP2.1

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Fire & Security Products GmbH & Co. oHG
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www.sbt.siemens.com

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