Gemalto Explains Digital Security in the Workplace

Proximity is an ID technology used in electronic access control systems.

The badge includes a contact smart card:

A smart card is a small computer with 100s of built-in security features.

When inserted into a reader, smart card technology enables many applications for employees.

Biometrics stored on the card:
A smart card is also the safest place to store a biometric template, because it stays safely in the employee’s pocket instead of a database.

Proximity technology is included in the card:

Proximity technology is an ID technology used in electronic access control systems.

Proximity technology enables an employee to gain access to a building when the badge is held close to the reader.

It’s compatible with existing physical security systems.

Source: Gemalto
How it works
Smart card technology in the workplace

What is smart card technology?

Smart card technology uses a computer and software with 100s of built-in security features.

The contacts on the surface of the device are connected... The whole piece is embedded into a plastic card or hard token.

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Smart card technology is used to create personal, portable security devices:

- Passports
- Cards and credentials
- Unconnected tokens
- USB tokens
- SIM/UICC applets

The smart card is the employee’s single digital pass for every task...

- Provides single sign-on access to systems and information. (Single sign-on replaces many different user IDs or passwords with just one password and the smart card.)
- Signs digital documents.
- Protects both the employees’ and the company’s identity.
- Encrypts e-mails and documents.
- Employees can even use their badge to pay for lunch at the company cafeteria!

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