

# Gemalto Explains Digital Security in the Workplace

## 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.

## Proximity technology is included in the card:

Proximity 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.

## 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.

# 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.

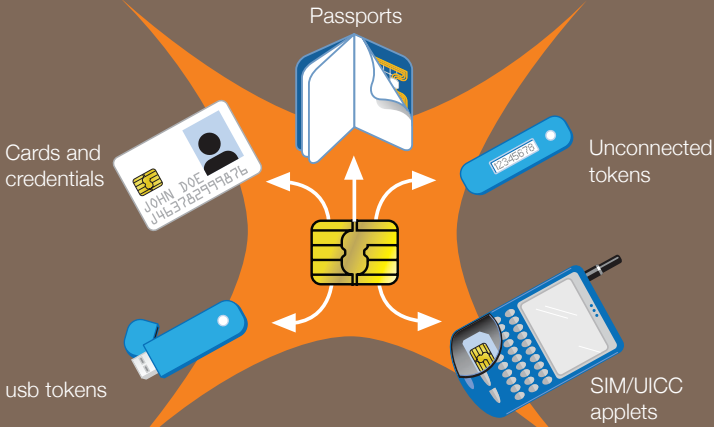
The contacts on the surface of the device are connected...  
outside inside  
...to wires running from a computer chip under the surface.



The whole piece is embedded into a plastic card or hard token.



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



### 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!

