



# Bluetooth Smart product family

## On-the-go PKI connectivity

The computer device market is changing, moving away from desktops and laptops to ultra-thin laptops, tablets, hybrids and smartphones. By 2020, 1.2 billion tablets will be in use and smartphones will be in the hands of 70% of the global population. As the mobile revolution continues, enterprise IT departments and security providers need to offer authentication methods that are not only convenient for users, but work with any device, many of which don't have a USB port or internal reader.

As there are still concerns around the security of soft tokens and credentials, maintaining the "something you have" piece of two-factor is still recommended to ensure absolute identity authentication, especially when a higher assurance is needed. Gemalto's Bluetooth Smart (also known as Low Energy) solutions combine the unparalleled security of PKI with the anywhere, anytime convenience of mobile.

# Bluetooth Smart product family

## On-the-go PKI connectivity

The Bluetooth Smart products provide a convenient way for employees, customers or citizens to use PKI credentials everywhere and on a multitude of devices. As Bluetooth technology is the only connectivity channel implemented across different endpoints, our products will be able to provide authentication on any devices and on any operating system. The Gemalto Bluetooth Smart products have unique multi-host support capabilities, meaning a user can be logged into more than one device.

### Devices

#### SafeNet Reader CT1100

The SafeNet Reader CT1100 badge holder is a lightweight device, with one-click simple and secure AES encrypted pairing using an inserted smart card. With Bluetooth Smart 4.0, no physical connection is needed and the device has automatic detection within proximity of the mobile device. The badge holder has a one month standby battery life and charges through a USB port.

#### SafeNet Reader K1100

The SafeNet Reader K1100 smart card-enabled Bluetooth token has one-click simple and secure AES encrypted pairing and carries a replaceable smart card in SIM form factor. Its compact size (LWH 60x23x8mm) allows it to be placed on a key ring for convenient and easy transport. The rechargeable lithium polymer batteries last for approximately 1,000 charge cycles and have a one-month standby battery life, depending on usage (two weeks in Windows logon mode, two months for time-to-time PKI usage).

### Middleware

#### IDGo 800

IDGo 800 is middleware for desktop and laptop platforms, as well as for Windows 7+ based tablets, to support IDPrime smart cards. Windows 7+ and Mac OS Operating Systems are supported through Base CSP / Minidriver and PKCS#11 standards, as well as Gemalto Bluetooth Smart PC-SC driver.



## SPECIFICATIONS

### Use Cases

- > Secure remote access (VPN/ Web)
- > Digital signature
- > Network logon
- > Strong two-factor authentication
- > Email encryption
- > eHealth, eProcurement, and eGovernment applications

### Benefits of Gemalto Bluetooth Smart Devices

- > **Enhanced battery usage time**—The low consumption of the BT 4.0 standard, combined with the Gemalto smart power management protocol, Bluetooth Smart devices will last 10 times longer between charges (compared to previous Bluetooth versions)
- > **Secure pairing**—Gemalto's managed pairing provides secure, quick and easy connection with devices
- > **Secure communication**—The security protocol of Gemalto's Bluetooth products were built to overcome all known security issues related to the Bluetooth protocol

### Supported Operating Systems

- > Android, iOS, Windows 7+, MacOS

### IDGo Mobile

IDGo Mobile includes a PKI API, an OTP API, a PC-SC API and a range of drivers to interface with a larger range of secure elements, such as Bluetooth Smart devices (badge holder and token), MicroSD and SIM. IDGo Mobile allows for integration into all mobile platforms including iOS and Android.

### Why Gemalto

Gemalto's Identity Protection solutions enable enterprises, financial organizations and service providers to protect the daily digital interactions of employees, partners and customers by ensuring secure access to online resources and securing financial transactions. Gemalto's flexible management platforms and broad range of strong authentication technologies and form factors, allow organizations to adopt a forward-looking identity management strategy, ensuring that their security needs are met as new threats and use cases evolve.

To learn more about SafeNet's complete portfolio of authentication solutions, visit our website at:

[www.safenet-inc.com](http://www.safenet-inc.com)