



Gemalto **SWYS BLE Token**

**How to offer more convenience and mitigate
the risk of fraud for your corporate clients?**

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Gemalto SWYS BLE Token is a wireless and user-friendly token that enables strong authentication and transaction data signing.

- Flexible and scalable security: from basic transactions with OTP to sensitive batches of transactions
- Dynamic Signature allowing mitigation of social engineering attacks
- Thin and compact form factor
- Intuitive use with direct access to frequently used functions
- Bluetooth Low Energy (BLE) connectivity
- Message authentication preventing server phishing and data corruption
- Fully customisable to reflect the financial institution's brand

Bluetooth®



Technical specifications

Connectivity

- Bluetooth® low energy technology
- Also available in non-connected mode

Usage

- PC/Mac, tablet and mobile

Size and weight

- 51mm*77mm*6.5mm 22g

Customisation

- Up to 4 languages
- Logo casing colours
- Customisable front and casing

Display

- 2 lines of 12 alphanumeric characters
- 12 keys: 0 to 9, OK and C

PIN code length

- 4 to 8 digits

Lifetime

- More than 6 years

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Strong security and convenience for corporate digital banking

Gemalto SWYS BLE Token is a thin and user-friendly token for strong authentication and transaction data signing. For enhanced user convenience, Gemalto SWYS BLE Token uses Bluetooth connectivity. It allows users to sign and validate sensitive transactions, such as wire transfers and batches of transactions, from any laptop, mobile or tablet, at the office or on the go without generating friction for the end user. The token's screen displays the transaction data (text and numbers) to facilitate the validation of any corporate banking transaction with no manual entry.

In order to ensure a high level of security, the device pairing and data exchange processes are protected with Thales extra layer of security. Gemalto SWYS BLE Token supports our smart signing features: Secure Domain Separation, Explicit Sign and Dynamic Signature, allowing the financial institution's server to adapt the type of data to be signed (e.g. amount, currency, number of transactions per batch, etc.) according to the level of risk of the transaction. Gemalto SWYS BLE Token also implements a unique message authentication mechanism allowing to warrant that the data to be displayed and signed by the device originate from the financial institution's server without any corruption.

Go green with Second life plastic

To support sustainability strategies and meet rising consumer demands for green and responsible alternatives, the casing of the Gemalto SWYS BLE Token can also be made of recycled ABS plastic. We call this initiative Second life plastic, and it reduces greenhouse gas emissions by 50% of the entire outer case of the device compared to using virgin ABS plastic. Switching to recycled plastic reduces plastic leakage to both our land and water ecosystems and is an important step in fighting plastic pollution on a global level. To avoid additional impact of materials, processes and energy needed to change the colour of the plastic, the recycled casing is only available in black. All our devices made with Second life plastic are carbon neutral since we also support external reduction projects to compensate for the remaining emissions.

Warning Statements

Any changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: —Reorient or relocate the receiving antenna. —Increase the separation between the equipment and receiver. —Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. —Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

RF exposure statements

This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Gemalto SWYS BLE Token can generate event- or time-based One Time Passwords (simple OTP), manage strong authentication with Challenge/Response (OCRA-CR), and sign complete transaction details using Transaction Signature (OCRA-SIGN) to prevent fraud.

Fast and simple deployment

In order to facilitate the integration and the deployment of the solution in the financial institution's infrastructure, Gemalto SWYS BLE Token is built on OATH, a market-proven open standard. It is available in both connected (BLE) and non-connected modes to help financial institutions migrate smoothly to a connected environment.

Gemalto SWYS BLE Token also offers customisation of the security features to fit the needs of any financial institution. It has been designed with usability and security in mind, to allow financial institutions to minimise fraud and risk while offering a convenient solution.

Part of our digital banking suite

As part of our versatile digital banking suite, Gemalto SWYS BLE Token fits perfectly in any financial institution's security model. It can easily be accompanied by your choice of complementary products and services.



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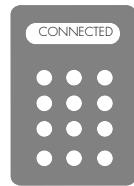
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How does it works?



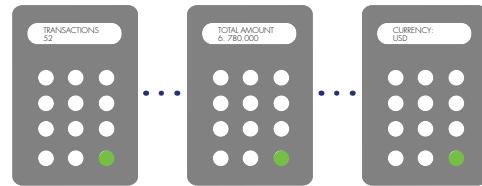
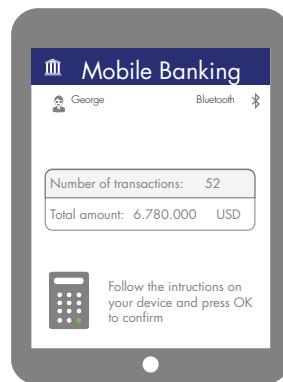
Step 1

The user starts the token and selects the batch transaction he wants to sign on his tablet.



Step 2

The transaction data is displayed on the token's screen. The user validates this data.



Step 3

The user enters his PIN on the token which calculates the signature and returns it to the server for verification.



Step 4

The transaction is successfully signed.

