

# GENERAL INFORMATION

This information is dated from April 7th, 2017

Thank you for your interest in testing the cgToken. Please note, current version is a pre-series, manual production version. Please find in this document a first overview and a quick guide how to setup and use cgToken. Please read the information and follow carefully the instructions and recommendations of the installation process.

## SUPPORT/ QUESTIONS:

For questions and support please use the email address: [support@certgate.com](mailto:support@certgate.com)

For the latest certgate cgToken Drivers & SDK's, please visit our cgLabs Beta-testing site.

For access to cgLabs, please send a mail to [support@certgate.com](mailto:support@certgate.com)

## INITIAL INSTALLATION ON WINDOWS

1

### Driver Download

You need access to cgLabs to download the latest driver version.

1. Please LogIn or request access at [support@certgate.com](mailto:support@certgate.com)
2. Go to cgLabs -> cgToken -> Drivers & SDKs
3. Download the latest driver ( zipped .msi file) for Windows

2

### Driver Installation

You need admin privileges to install the driver.

1. Unzip and double click on the .msi installer file
2. Follow the instructions in the installation wizard
3. Assure that on the last page „start application“ checkbox has been marked before closing the setup

3

### Bluetooth Pairing

1. Power on cgToken and press „OK button“ for pairing mode
2. Open Windows „Settings“ -> „Devices“ -> „Bluetooth“. Your cgToken should be listed with its serial number. Press: „pair“
3. Enter 6 digit pairing key shown on cgTokens display
4. After successful pairing „Pairing successful“ will be displayed on cgToken
5. Please continue with secure pairing

4

### Secure Pairing

After successful Bluetooth pairing cgToken will do an additional pairing with an 8 digit code is required.

#### Please note:

**Next firmware will provide simplified 8 digit secure pairing.**

1. cgToken displays session key
2. Wait until a session key input dialog appears on your Windows' screen
3. Enter the code displayed on cgTokens display
4. cgToken will display a success message. Setup done

**certgate**

cgToken

## QUICK START GUIDE

### BETA PROGRAM



## CONTENT OF DELIVERY

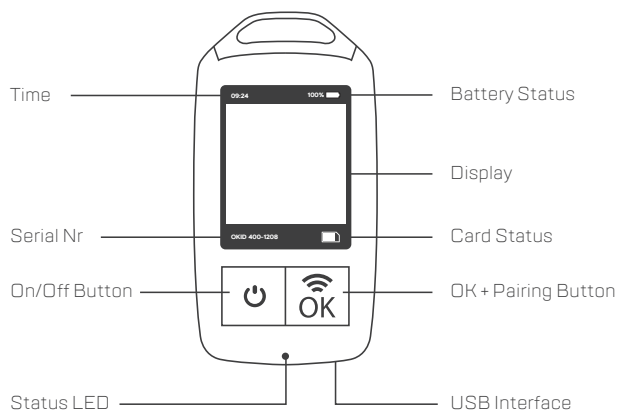
- cgToken V4 (Prototype), including ID-000 JCOP Smartcard
- USB-Cable
- Quick Start Guide (this document)

## YOUR CGTOKEN



Your cgToken is a wireless smart card reader, supporting communication via BLE (Bluetooth Low Energy), NFC (Near Field Communication) and USB. It helps you to easily use smart card functionality on nearly all of your devices.

cgToken is powered by a rechargeable Li-Po battery. The battery is charged by plugging the cgToken into either a computer or external USB wall adapter using the USB cable provided.

When the unit is charging and running normally the charging icon ⚡ will be displayed in the top right hand corner of the display. The battery charge indicator will also indicate the battery power percentage of your cgToken.



cgToken has two buttons:

Button	Function
	Power On / Off Used to power the cgToken on and off
	OK / Pairing Pairing for secure, encrypted Bluetooth LE™ connection ( „OK“ function reserved for future use)

## USING CGTOKEN

When cgToken is successfully paired there is a PC/SC reader registered in your Windows 10 which can be accessed like any other smart card reader.

## USING NFC

cgToken supports the communication via NFC.

You may use any smart card (form factor ID-000) with your cgToken as long as the following requirements are met:

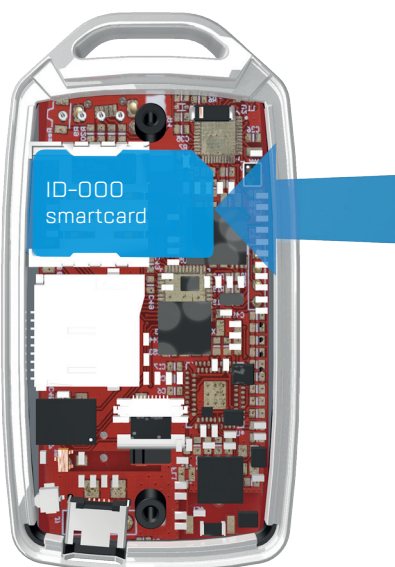
1. support of PowerClass C and PowerClass B (operation at 1.8V and 3.0V)
2. supports a communication via ISO7816 (T=1)

If NFC functionality is needed, the chip on your smart card needs to expose the antenna connectors on Pad4 and Pad8. The smart card included in delivery uses an NXP chip (part number J3A081GX4/TIAG2384) to meet this requirement.

## INSERTING ANOTHER SMARTCARD

**cgToken is delivered with an inserted smart card.**

**If you want to use other smart cards than the one included, please unscrew the cover. The contact surface of the smartcard (ID-000) must face down when inserted.**



Insert (ID-000) smartcard carefully facedown.

## CARD & READER EVENTS

Your middleware or smart card administration tool should recognize an inserted smart card whenever cgToken is in range of your bluetooth network of your pc or laptop.

If you go out of range of your bluetooth network or turn off cgToken, a card eject event is triggered.

If cgToken does not have a smart card inside, no card events are triggered.

Due to that, the smart card reader itself will never disappear from your Windows 10.

## SMART CARD ACTIVITY

At the current Windows driver version, there is no indication on the display of cgToken if the smart card is powered or active.

The tray application on windows 10 side indicates if an application is using the cgToken via a green, blue and orange icon.

- green: smart card present, not used
- blue: smart card present, in use
- orange: smart card not present

## SAFETY ADVICES

- Handle the product with care. Keep product away from heat sources such as radiators or stoves and do not expose the ONE-KEY ID to open fire.
- This product contains small parts. Do not leave the product within the reach of small children or allow them to play with it.

## DISPOSAL OF OLD ELECTRONIC WASTE



This logo on the product or on its box indicates that this product must not be disposed of or dumped with your other household waste. You are liable to dispose of all your electronic or electrical waste equipment by relocating over to the specified collection point for recycling of such hazardous waste. Isolated collection and proper recovery of your electronic and electrical waste equipment at the time of disposal will allow us to help conserving natural resources. Moreover, proper recycling of the electronic and electrical waste equipment will ensure safety of human health and environment. For more information about electronic and electrical waste equipment disposal, recovery, and collection points, please contact your local city center or household waste disposal service

Security  
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