



BSAPI SDK

AuthenTec Biometric Services SDK for PC

Release: <4.1>

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1 Introduction

The Biometric Services API (BSAPI) is a mid-level SDK for application developers, allowing them to use AuthenTec fingerprint readers from their applications. The set of provided functions includes biometry (e.g. swiping fingers, matching finger templates etc.), navigation (i.e. using the fingerprint reader as a pointing device in similar way as touchpad) and other functions (e.g. controlling LEDs on the fingerprint reader).

2 Supported Systems

MS Windows XP (32/64bit), Vista (32/64bit), Windows 7 (32/64bit)

Note: Windows 7 WinBio (WBF) is currently not supported.

3 Supported Devices

- Intelligent readers based on the following chipsets: TCD21 (TFM), TCD41, TCD42, TCD50A, TCD50D. This includes EIKON, EIKON II and EIKON-To-Go external readers.
- Sensor-only readers based on the following sensors: TCS4B, TCS4C, TCS5B, TCS4K, TCS5D
- Area sensor readers: TCRU (using ST9 controller), TCEFB module (using Cypress controller CY764215), EIKON Touch (using STM32 controller), TCEFC/TCEFD modules (using TCD50D controller)

4 SDK Contents

- `Readme.pdf` - This introductory document
- `AuthenTec_EULA.PDF` - AuthenTec SDK EULA
- `Redistributables.txt` - List of redistributables (if any) as required by `AuthenTec_EULA.PDF`
- `RelNotes.txt` - Version information and release notes
- `bclib` subdirectory - a helper static library for converting AuthenTec biometric template formats.
- `bin` subdirectory - 32bit and 64bit versions of BSAPI dynamic libraries
- `clients` subdirectory - Citrix and Terminal Services clients (not included the the Lite SDK package)
- `doc` subdirectory - BSAPI documentation
- `driver` subdirectory - Current USB drivers for AuthenTec devices.
- `include` subdirectory - BSAPI headers
- `installer` subdirectory -
- `lib` subdirectory - 32-bit and 64-bit versions of BSAPI import libraries
- `samples` subdirectory - BSAPI example applications