

Introducing the latest innovation from **Sentry Enterprises**

# THE BATTERYLESS MULTI-FUNCTION BIOMETRIC CREDENTIAL



**Integrated Real-time Fingerprint Scanning Provides  
Absolute Proof-of-Identity for any Physical or Digital Transaction**



## What's New?

- **Now Batteryless!**
- **Biometric FIDO2 CTAP 2.1 for highly-secure MFA**
- **CC EAL6+ Secure Element**
- **Fast and user-friendly guided mobile enrollment**
- **Lower Cost - from \$23**

Available **direct** from Sentry Enterprises beginning Q3 - 2024  
Contact [sales@sentryenterprises.com](mailto:sales@sentryenterprises.com) for more information

PLATFORM	
Description	Multi-function platform requiring biometric verification prior to any secure transaction
Construction	Thin, flexible, ISO 7816-1 card-sized form factor
Personalization	Supports standard point-of-issuance card printers (direct-to-card or retransfer)
Power	Inductive energy harvesting (Batteryless)
Operating Temperature	Designed to function between -40°C and +85°C
Humidity	Designed to function in damp environments (95% non-condensed)
Resistance to Impact	1 kpa max
ESD	+/- 6kv HBD when laminated

## PROCESSOR & BIOMETRIC SENSOR

Secure Element	Infineon SLC38 CC EAL 6+, high-performance Arm® SecurCore® SC300 processor
Performance	<500 ms, rapid on-card biometric matching
Memory	800 KB user SOLID FLASH™ NVM / 24 KB user RAM
Fingerprint Sensor(s)	IDEX biometric ultra-thin flexible sensor
Wear-and-Tear False	< 10 million touches
Acceptance Rate (FAR) False	< 1/50,000
Rejection Rate (FRR)	< 3%
Biometric Enrollment	User friendly, guided mobile enrollment, one-time capture of two fingerprints

## PHYSICAL ACCESS CONTROL

Frequency Average	Biometrically secured 13.56 MHz w/optional non-biometric 125 kHz
Read Range	40–50 mm
Supported Protocols	HID Seos, DESFire EV2 (LEGIC, PKOC, LEAF or any DESFire compatible encryption), CIV, PIV (pending NIST Q4-24)

## LOGICAL ACCESS (HIGHLY-SECURE MFA)

Smartcard	FIDO2 CTAP2.1
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