



# Absolute Trust

Harness biometric multi-factor authentication for physical entry, logical access, and a whole lot more.

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## Absolute Trust

Harness biometric multi-factor authentication for physical entry, logical access, and a whole lot more.



Biometric  
Logical Access



Biometric  
Physical Access

## Multi-factor codes are NOT proof of identity!



### UNIQUE

SentryCard is the first open-architected biometric platform of its kind; self-contained and disconnected from any network, server, or software, making it undiscoverable.



### PRIVACY-DRIVEN

SentryCard integrates with all leading industry platforms and readers; eliminating the need to rip and replace existing infrastructure, while being easily phased-in.



### CONVERGED

SentryCard was built to address the requirements of Information and Operational Technology, as well as Physical Security; providing multi-factor biometric proof-of-identity for building and systems access.



SentryCard is designed for organizations seeking an indisputable assurance of who is entering their facilities, accessing their computers and devices or logging into their websites.

# Leveraging the SentryCard Platform

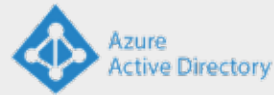
## BIOMETRIC LOGICAL ACCESS

Biometric logical access, such as SentryCard authentication, offers indisputable proof-positive identification for computer and server logins. Whether on-site or remote, this technology, when used with FIDO2 or other third-party logical software, paves the way for a zero trust architecture. By embracing a passwordless future, organizations can mitigate the risks associated with phishing scams and keyboard logging. Additionally, the implementation of biometric logical access can help eliminate the need for costly password reset help desks, improving efficiency and security. (Source: SentryCard)

## BIOMETRIC PHYSICAL ACCESS

SentryCard, developed by Sentry Enterprises, revolutionizes physical access control systems by seamlessly integrating with existing infrastructure and replacing standalone biometric solutions. This innovative technology ensures that the card and its data remain undiscoverable until the user undergoes biometric authentication, safeguarding user privacy and mitigating potential liabilities for organizations.

## SentryCard Is Absolutely Compatible



“

Utilizing the SentryCard will demonstrate to regulators your commitment to protecting your employee's sensitive biometric information.

”

**David Ross**  
Chief Privacy Officer  
GreyCastle Security



# SentryCard is universally compatible with existing infrastructure— no need to rip and replace!

	Sentry Enterprises Biometric Proximity	Sentry Enterprises Biometric iClass	Sentry Enterprises Biometric SEOS	Sentry Enterprises Biometric EV2/FIDO2	Sentry Enterprises Biometric EV2/FIDO2 non-biometric proximity
Enroll biometrics on card	●	●	●	●	●
Biometric Data Encrypted AES256 and Security Key	●	●	●	●	●
Enrollment of two different finger	●	●	●	●	●
Compatible with Passwordless software & computer login	●	●	●	●	●

## Reader Compatibility

Proximity		●		●	●
			●	●	●
			●	●	●
				●	●
EV2				●	●
				●	●
	Des/Fire/MiFare			●	●

Sample of Compatibility with Access Control Systems. No additional software, API or Integrations Required.



## SentryCard: Addressing Privacy Concerns

The protection of biometric data is of paramount importance. Any breach exposing this ultra-sensitive personal data poses significant risks and liabilities to the organization as well as to the affected person.

In order to keep organizations accountable, several U.S. States have passed legislation regarding the collection, storage and use of biometric data. Internationally, the E.U.'s General Data Protection Rights (GDPR) legislation, along with the rules in the UK and India provide a strong stance on biometric data protection and the associated liabilities.

The potential liabilities for the mishandling of biometric data are considerable. Illinois' Biometric Information Privacy Act (BIPA) is viewed as the most rigorous, imposing a \$1,000 to \$5,000 penalty for each violation, per employee, until remedied. In 2018–19, over 200 BIPA lawsuits were filed targeting employers utilizing biometric technology in the workplace.



**KEY PRIVACY ATTRIBUTES:** The SentryCard eliminates most of the risks associated with using biometric authentication by removing all human access to the biometric data.

- 1 **DECENTRALIZED:** Biometric data is enrolled, stored and matched solely within the SentryCard platform, never touching an external database or server. With SentryCard there is no large “honeypot” of biometric data for hackers to pursue.
- 2 **UNIQUE:** Each SentryCard generates its own unique inaccessible encryption key used to protect the biometric data stored within the card.
- 3 **NON-TRANSFERABLE:** The SentryCard is a single-use solution. Once a person’s biometrics are enrolled only that person can ever use the credential.
- 4 **CONTROLLED:** Once issued, the holder maintains control of their biometric data, stored securely within the credential.
- 5 **IRRETRIEVABLE:** Enrollment of the holder’s biometrics are one-way and irreversible once set. The credential’s only output is an affirmative or negative authentication.

## Can You Afford Not to Use The SentryCard?

An immediate ROI while increasing security, mitigating risk and reducing complexity.

REDUCTION CATEGORY	AVERAGE COMPANY SPEND	BUSINESS OUTCOME
Eliminate secondary multi-factor authentication, i.e. soft and hard tokens.	→ \$40 per employee annually plus token cost.	→ Sentry Payback: <b>Just over 18 months.</b>
Significant reduction in Helpdesk Support.	→ 1.2 helpdesk interactions per year at \$70 per employee.	→ Sentry Payback: <b>Less than 12 months.</b>
Eliminate password and phishing training.	→ \$75 per employee annually.	→ Sentry Payback: <b>Immediate</b> as SentryCard eliminates the need to use usernames and passwords for logical access.
Eliminate the need to upgrade or replace existing readers or add new biometric devices.	→ \$3,000 to upgrade existing readers or \$7,500 to install new readers and infrastructure.	→ Sentry Payback: <b>Immediate</b> as Sentry credentials automatically turn existing readers into biometric readers.
Eliminate internal IT cost for servers and support for a biometric software solutions.	→ \$50,000–\$100,000 annually per server.	→ Sentry Payback: <b>Immediate</b> as biometrics are enrolled, stored and matched on the SentryCard. No databases, servers or workstations required.
Eliminate the risks associated with the storing employee biometric data.	→ \$10,000 fine per instance for GDPR violations related to the mishandling of biometric data.	→ Sentry Payback: <b>Immediate</b> as biometrics are enrolled, stored and matched on the SentryCard. No databases, servers or workstations required.

→ The SentryCard will “plug & play” with your existing infrastructure to provide a secure and touchless solution while addressing today’s hygiene and privacy concerns.



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