



Absolute  
Proof of Identity at  
Your Outermost Edge

## Absolute Proof of Identity at Your Outermost Edge

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**SENTRY**  
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## The Problem: Mistaking Credentials for Proof of Identity

Utilizing credentials as the means to verify someone's identity has been proven to be unreliable.

Investigate the cause of any fraud or security breach and you will find that credentials were not used correctly.

Inefficiencies and fraud are estimated by the McKinsey Global Institute to be **~\$1.6 Trillion per year due to the lack of absolute proof of identity in all businesses.**

Stronger passwords, multi-factor authentication, and single sign-on (all easily sharable) are among the approaches to prevent unauthorized access, but none can absolutely verify a user's identity.

**Isn't it time to move from the failed, "something you know" to a proven "something you are"?**



## The Solution: The Converged FIDO2 SentryCard

*Absolute proof of identity for any physical or digital transaction.*

Full Stack Open Architecture

Decentralized & Privacy-Centric

Highly Secure & Security Certified

Highly Scalable & Cost Effective

Multi-Purpose & Seamlessly Integrated



**Drive Proof-Positive Security Outcomes with the Power of the Biometric SentryCard.**

# Biometric Solutions Introduce Risk. The SentryCard Does Not!

**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.
- 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.



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

**David Ross**  
Chief Privacy Officer  
GreyCastle Security

## Purposely Built to Address What's on Every CISO's Mind

SentryCard provides an **IMMEDIATE ROI** when compared to existing solutions costing \$300+ per employee, per year.



**Increase Security, Mitigate Risk and Reduce Complexity with SentryCard!**

# Use Case: Data Centers

## Desired Outcome: Improved Security & Streamlined Operations

Today's Challenges	Inefficiencies and Risks
Building access is controlled by the building owner	Centralized storage of biometric data violate user's privacy rights
Data center access readers use a different protocol than building readers	"One-time user" access requires continuous badge issuance
Entrants required to carry 2 different badges	20%-30% of the time, one badge is forgotten, requiring NOC intervention
Physical guard required for manual identity verification	Lack of biometric proof of identity requires the presence of a physical guard
Data center utilizes 3-factor reader: Badge, PIN and Fingerprint	3-factor data center readers are expensive
Data centers have cabinets with a variety of lock types	Shared touch point on the data center readers is improper hygiene
Server login uses traditional username and password as cell phones are typically not allowed in data centers	Something known can be shared or stolen

### Co-located Facility with Five Authentication Points



## Secure Your Data Centers Today with ABSOLUTE PROOF OF IDENTITY

### Solution Outcomes

- Absolute proof of identity across every physical & digital access point
- Technology convergence
- Risk mitigation
- Streamlined processes
- Immediate ROI



### Eliminate and/or Reduce

- The need for two badges
- NOC/Helpdesk involvement
- Cost of biometric point solutions
- Shared-touch hygiene issues
- Biometrics privacy concerns
- Risk of shared or lost credentials
- Cost of transient badges
- Physical guard

## An Easy to Implement, Cost Effective Solution

The biometric FIDO2 certified SentryCard subscription offers a flexible purchasing option to accelerate the adoption of a higher-level of security without waiting years for capital budget.



### Lower Start-up Cost

Beginning at just \$1.60 per month and a minimum order of 25, you can easily get started.



### An Operational Expenditure

No Capital Budget? No Problem! Experience predictable OpEx spending with a subscription pricing model.



### Flexible Payment Options

A 36-month minimum term with flexible payment options.



### Annual Card Replacement

Lost, stolen, or new hires? We'll include 10% of additional cards each year at no cost!



### Extended Warranty

Warranty included throughout the life of the subscription.



### Additional Buffer Stock

Receive an additional 10% of initial inventory at no cost!



*One-time purchase options available beginning at \$36*

### Absolute Proof-of-Identity

The root cause of today's breaches is the reliance on things that are known and can be shared, like passwords, pins, and multi-factor options. The SentryCard provides a highly secure, (decentralized) biometric assurance of who is accessing your building, IT, and OT systems.

### Privacy Driven

SentryCard eliminates the risks associated with using biometric authentication by enrolling, storing, and matching the biometric data solely within the credential itself. No servers, databases or software is involved. SentryCard is compliant with GDPR, CCPA, & BIPA regulations.

### Easy to Deploy

With SentryCard there is no need to rip or replace existing infrastructure. The SentryCard is open-architected and is compatible with all leading access control systems, door readers (including all forms of HID), and seamlessly connects to Active Directory and all other user databases.

## Can You Afford Not to Use the SentryCard?



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### About Sentry Enterprises

The only identity company in the world with the combined hardware, software, back-end infrastructure, and patented know-how to deliver a truly decentralized global identity solution. Combined with its proprietary energy harvesting technology and hot lamination manufacturing, Sentry's products and solutions are unmatched in quality, yield, and sustainability.

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