SENTRY
ENTERPRISES

A Comprehensive Security Solution Safeguarding Your Entire Campus:

The Beacon One Card

The Beacon One-Card
Higher Security, Multi-Purpose, Instant ROI

Challenges and Areas of Focus

- Dining Halls
- Parking Facilities
- Commissary Purchases
- Lost Cards or Key Fobs
- Passwordless Computer Lab
- Labs and Sensitive Areas
- Vending Machines
- Dormitory Halls
- Turnstile Access
- Gym, Library, and Event Access

- ◻ "Pass back Fraud" in garages and commissaries
- ◻ Reusable, lost or stolen ID cards
- ◻ Unauthorized access to residence halls
- ◻ Numerous access points across campus
- ◻ Varying levels of security
- ◻ Multiple credentials in use across the campus

The Solution: The Biometric Beacon One Card

> Absolute proof of Student or Faculty identity for any physical or digital transaction.
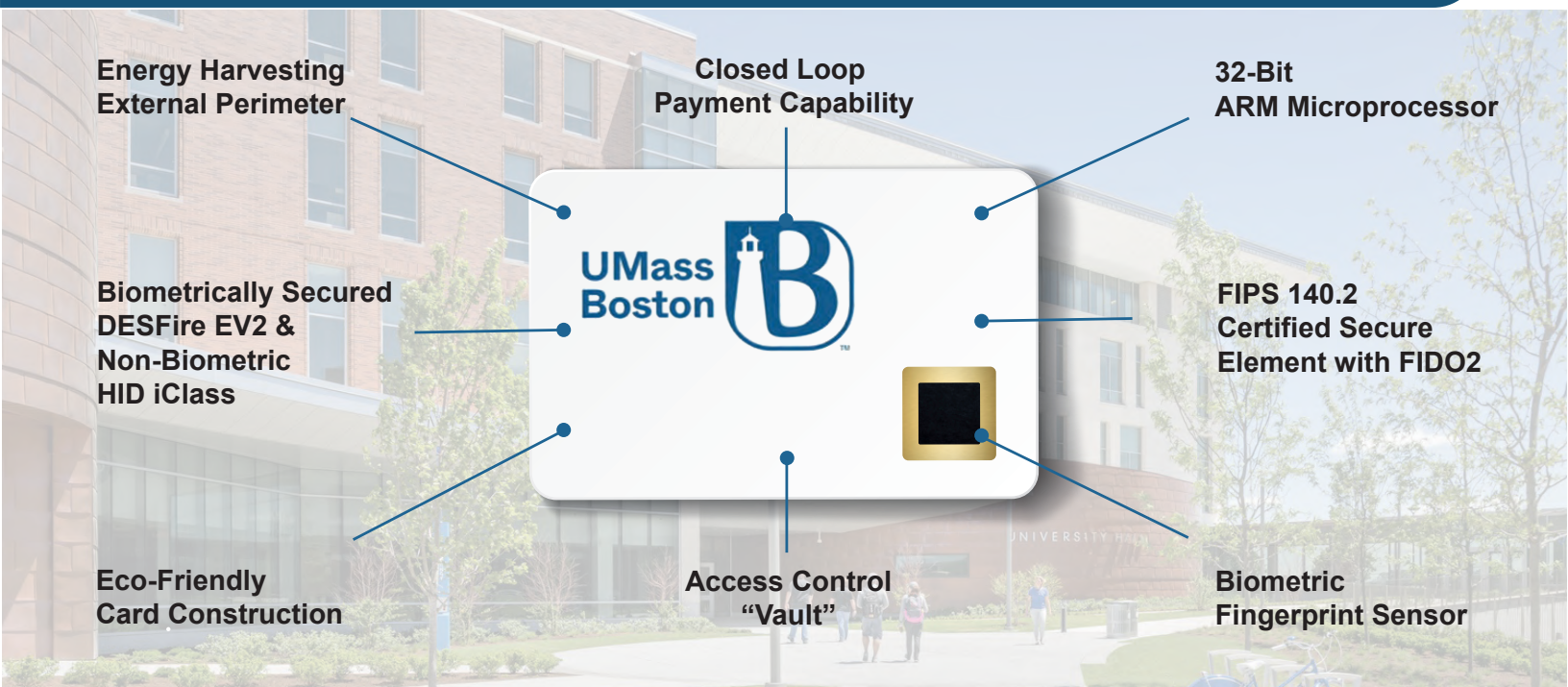
- Full Stack Open Architecture
- Decentralized & Privacy-Centric
- Highly Secure & Security Certified
- Highly Scalable & Cost Effective
- Multi-Purpose & Seamlessly Integrated

UMass Boston ™

fido CERTIFIED FIDO2 L3 MADE IN USA

Drive Proof-Positive Security Outcomes with the Power of the Sentry Enterprises.

What's in the Beacon One Card?

Energy Harvesting External Perimeter

Closed Loop Payment Capability

32-Bit ARM Microprocessor

Biometrically Secured DESFire EV2 & Non-Biometric HID iClass

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FIPS 140.2 Certified Secure Element with FIDO2

Eco-Friendly Card Construction

Access Control "Vault"

Biometric Fingerprint Sensor

Why Transition to a Beacon One Card?

Increase security and reduce complexity with the first self-contained, multi-factor biometric credential that provides a converged security solution across your university campus.

- ◼ Works with existing infrastructure and processes
- ◼ Biometrics are enrolled, stored & matched solely within the card, complying with privacy regulations
- ◼ Capabilities within the card are undiscoverable until biometrically authenticated
- ◼ Only the user touches the card, avoiding hygiene issues from shared touch points like keypads
- ◼ Beacon One cards can be phased-in as student IDs are replaced, issued or upgraded
- ◼ Wide array of use cases, anchored by biometric physical security

Immediate Return on Investment

Campus-wide use cases provides an instant Return on Investment

No More Shared ID Cards!

Only the biometrically authenticated user can present their card in the dining halls and parking garages, eliminating pass backs and fraud.

Absolute Proof of Identity

If the card is lost or stolen, no one else can use it. Biometric proof of identity prevents unauthorized access to dorms and other sensitive areas.

Privacy Driven

Eliminate the risks associated with biometric authentication by enrolling, storing, and matching the biometric data solely within the ID card itself.