

Reach Beyond Breach With IronGate biocard,
freedom without fear is only 35 feet away.



In 1967, the thumb was a symbol of freedom.
Forty years later, it still is.
IronGate biocards: Freedom without fear is
only 35 feet away.



Facility executives and property managers are looking to the military to set the standard for security solutions. What they are finding can help you make a state-of-the-art decision: IronGate biocard from Digital Defense Group helps you 'secure the perimeter' of your building with an authenticated access system built around patented fingerprint biometrics and RF-signal transmission. Because of IronGate biocard's reach and range, you can confidently protect your parking lot and the

garages on the grounds of your facility using a proven identity based-recognition platform.

As you approach or leave your facility, simply place your thumb on the powerful IronGate biocard and point it at your security gate; upon authentication your biocard will transmit your ID to a RF receiver, which is covertly embedded near the gate entrance, and prompt your gate system to open without stopping your vehicle...every time.



BONUS: Link the IronGate biocard system to a complete network that provides total protection ‘driveway-to-desktop.’

Multi-dimensional power tool

The IronGate biocard is head-scratching smart; so smart, it can store and re-authenticate layers of credentials for multiple applications. It can’t be disabled, even with a massive electromagnetic pulse that could shut down most computer systems in seconds. It is prepared for multiple usage environments be they physical, logical or perimeter-based. If the material that encapsulates the IronGate biocard is broken or breached, all user information is automatically deleted. IronGate biocard removes all risk! You can’t ask for more in the security industry. All this intelligent programming is propelled by an encrypted RF signal that is so innovative, it’s patent pending. IronGate’s exclusive technology is trusted by industry and government leaders because this biocard can’t be fooled. This level of certainty translates into a covert-yet comprehensive security solution.

With security, comes mobility. With mobility, comes freedom.

With that kind of memory and processing power, you’d suspect that IronGate biocard requires a fresh, out-the-box system launch, Negatory. In fact, IronGate biocard is compatible with 125 KHz legacy and the ISO 14443-4 13.56 MHz systems. You’re free to continue computing in your preferred ‘friendly’ environment. In fact, the IronGate biometric card gives you all kinds of freedom. *Freedom beyond the gate.* That’s why military security experts ask for it using three potent words: **“Reach beyond breach.”**



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*** FACTOR4® BIOCARD**

- ISO 13.56MHz 14443A-4
- 125KHz contactless 1-256 bit Prox
- Supports B.O.S.S.
- Supports Multi-Credentials

*** IRONGATE™ BIOCARD**

- Factor4® BIOCARD +
- Long-range 315MHz/433MHz up to 35 feet 26-42 bit formats
- 126KHz wake up to 100 feet (proprietary readers required)

*** COMMON TO BOTH BIOCARDS: ON-CARD FEATURES**

- On-card biometric enrollment (no computer required)
- On-card 1:1 authentication
- Biometrically created digital certificate or user ID (eliminates duplicate ID numbers)
- Multiple user enrolled in one biocard
- Wireless recharge
- No buttons to push, No on-off switch
- Fully-encapsulated—secure

OPERATIONAL TEMPERATURE RANGE

- -20°C through +60°C

MEMORY

- 16MB operating standard
- 1MB storage standard
- 16MB storage optional

POWER SOURCE

- Rechargeable
- Up to 5,400 authentications on a single charge
- Power source not susceptible to capacity degradation from overcharging

SECURE TRANSACTION

- DESFire capable encryption
- Random number generator capable
- Hardware accelerated DES engine
- AES-256 compatible
- Application and memory firewalling
- X.509 capable
- 3DES encryption capable
- File system on-card: B.O.S.S.
- Full ISO 14443A-4 (T=CL) implementation

ANTI-TAMPER TECHNOLOGIES

- No external contacts-sensor finger drive ring cannot be used as a perturbation point
- Etch-resistant encapsulant
- Other proprietary technologies are used to enhance data protection rendering the card impervious to probing or physical attack...ALL data is deleted if card is successfully breached.

