

Downtown Miami Hotel Revamps Security & Access Control with Touchless Biometric Conversion



Overview

In the heart of Miami, Florida stands The Grand Hotel Biscayne Bay. The modern and stylish 42-story condominium complex located at 1717 N Bayshore Drive houses short and long-term guests, renters and residents. Overlooking the Atlantic, the waterfront complex is equipped with boat drive-up access, event space, a pool, fitness and business centers and four on-site restaurants.

The hotel accommodates thousands of guests seeking an ideal location central to prominent Miami attractions including the Sea Isle Marina, the Miami International Boat Show, the Bayside Marketplace and more. **The Grand's expansive footprint, attractive location and multiple access points requires a comprehensive security solution to provide peace of mind to guests and to match the hotel's modern and technology-forward aesthetic.**



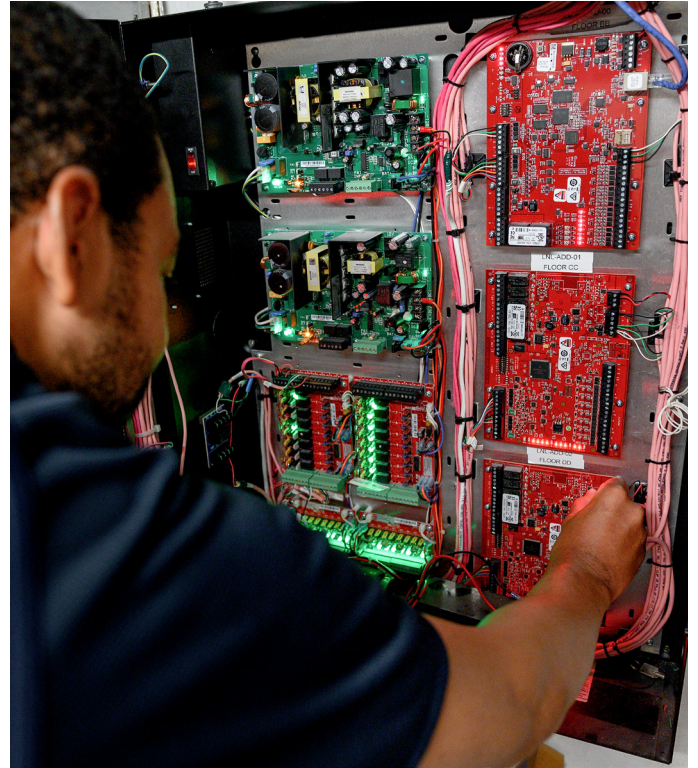
Challenge

Properly securing and managing access at a sizable hotel positioned in a central downtown area requires a considerable and holistic security strategy supported by a thorough risk analysis. The Grand's all-inclusive security program needed to be both innovative and contemporary while remaining reliable, trusted and mature, in order to manage and protect hundreds of daily visitors. The Grand began evaluating new electronic security providers after their inadequate, failing fingerprint solution exposed vulnerabilities in the property's access management and security protocols. The existing solution was tied to each entryway and the 8 elevators connecting guests to their accommodations throughout 42 floors.

Realizing these gaps in their security system and obligation to make swift improvements for the safety of guests and visitors, The Grand engaged Securitas Technology. The hotel needed Securitas Technology to completely revamp and enhance their overall security program, management and operations. It was essential the hotel's chosen security systems integrator could integrate the industry's best security technology and offer comprehensive service and support. The Grand desired a sleek and modern approach to technology through a completely touchless access control system.

Solution

Securitas Technology collaborated with The Grand and leading technology companies to design and develop a best-in-class security solution to efficiently manage access for the hotel's hundreds of daily visitors through the industry's sleekest technology. The comprehensive solution mitigates unauthorized entry to the hotel's lobby and automates guests' access experience through a touchless biometric system integrated with optical turnstiles. The customized, sophisticated solution is managed through a flexible and reliable security management system providing a complete view of the hotel's security system.



TECHNOLOGY EVALUATION

Securitas Technology offers unique solutions through strategic, long-term partnerships with the industry's leading technology companies in video, access, intrusion, fire & life safety, and integrated systems. As one of the industry's only pure play national integrators, our goal is to be a trusted advisor to our clients, helping them make the right choice in what technology best fits their unique needs. To enhance this confidence, Securitas Technology established the **Technology Evaluation Committee** to fully research, test and vet any technology before recommending a solution to clients. Comprehensive, intelligent security solutions require the evaluation and consideration of several key business factors, including: solution integration capabilities, accuracy & reliability, solution longevity, supply chain, compliance & legal, maturity of technology.

Integrated Solutions

IDEMIA MORPHOWAVE COMPACT

Securitas Technology worked with strategic technology partner IDEMIA, to offer The Grand the most powerful frictionless biometric security access control solution on the market. IDEMIA is the global leader in biometric technology with over 40 years of experience. Through its patented and multi award-winning touchless 3D fingerprint technology, MorphoWave, IDEMIA has transformed the ability of businesses to manage access securely and accurately in high-traffic, high-security areas. At The Grand, close to 60 IDEMIA MorphoWave readers were installed throughout the hotel's lobby, entryways, elevator system and common areas, including the pool and fitness room.



The MorphoWave reader is the industry's most technically accurate and robust touchless access control solution delivering frictionless biometric security. Through a simple wave of the hand, IDEMIA sensors instantly capture an individual's true identity to allow for a secure and accurate access request: only the person who is enrolled and was given the rights to access a specific door will be granted that access.

IP65 rated for indoor and outdoor use and Powered over Ethernet (PoE+), MorphoWave is easily deployed and integrated with all leading access control systems. MorphoWave supports HID Prox, iClass, MIFARE, DESFire cards and PIN code for multi factor authentication. It is also capable of scanning QR codes for versatile visitor management, a key offering for The Grand. The unmatched combination of security, convenience and throughput made IDEMIA MorphoWave readers a clear choice for The Grand.

BOON EDAM SPEEDLANE SWING OPTICAL TURNSTILES

To elevate the IDEMIA biometric access solution and to deter unauthorized physical intrusion, the MorphoWave readers were integrated with three lanes of sophisticated Boon Edam Speedlane Swing optical turnstiles with waist high swinging glass barriers. The MorphoWave readers were placed in special pedestals in front of each turnstile lane and integrated directly with the turnstiles.

When it comes to physical security entrances, Boon Edam optical turnstiles are a best-in-class choice for a seamless access solution capable of advanced integration to mitigate unauthorized entry. The sophisticated, modern technology and premium materials offer both the sleek aesthetic and necessary throughput for managing access in high-traffic areas. A stainless-steel finish was selected for both the turnstiles and pedestals to match the décor of the hotel. The Speedlane Swing turnstiles also effectively detect tailgating with minimal inconvenience to users and without forming an obtrusive barrier.



At The Grand, the IDEMIA MorphoWave readers and Boon Edam Swing turnstiles work in conjunction. When visitors enter the building to access an elevator, they are presented with the sophisticated biometric technology and optical turnstile system. Visitors are granted access by first scanning their hand through the seamless MorphoWave biometric reader, which then prompts the Boon Edam turnstiles to allow entry. The integrated technology also automatically selects which floor a visitor is permitted access to, granting them access only to a specific floor through the buttonless elevators. This advanced access technology enhanced security and ease of use for the hotel's guests and visitors.

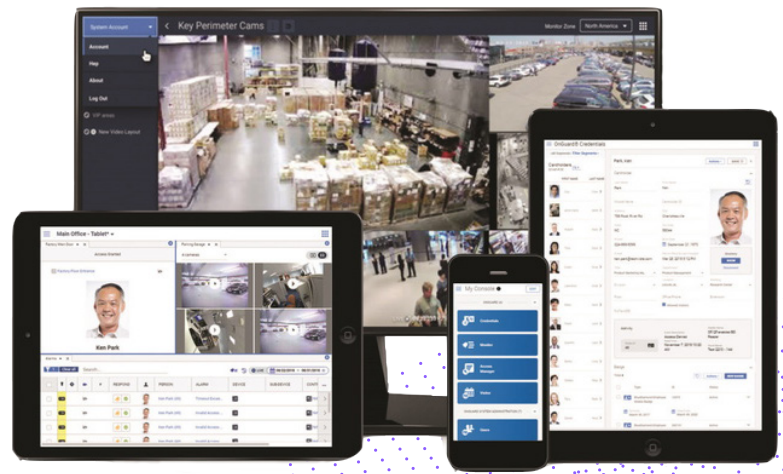


LENEL S2 ONGUARD

The Grand chose the LenelS2 OnGuard system as the general access control system throughout the entire hotel, for badging services and to be integrated with the IDEMIA MorphoWave readers, the Boon Edam turnstiles, and the buildings' elevators.

When an individual is enrolled into the OnGuard system, the integration enables the automatic transfer of information to the IDEMIA server, which is then linked to their stored biometric information. When an individual swipes their hand through the IDEMIA reader, IDEMIA verifies their identity and transfers that information to the OnGuard system. The OnGuard system verifies the individuals' enrollment and determines their permitted access to be granted. OnGuard then transmits the access level information to The Grand's OTIS elevators which grants the individual access to the reader for the floor that their credentials permit them access to. The integration ensures that individuals are only permitted access to their pre-determined access permitted areas of the building, including specific floors.

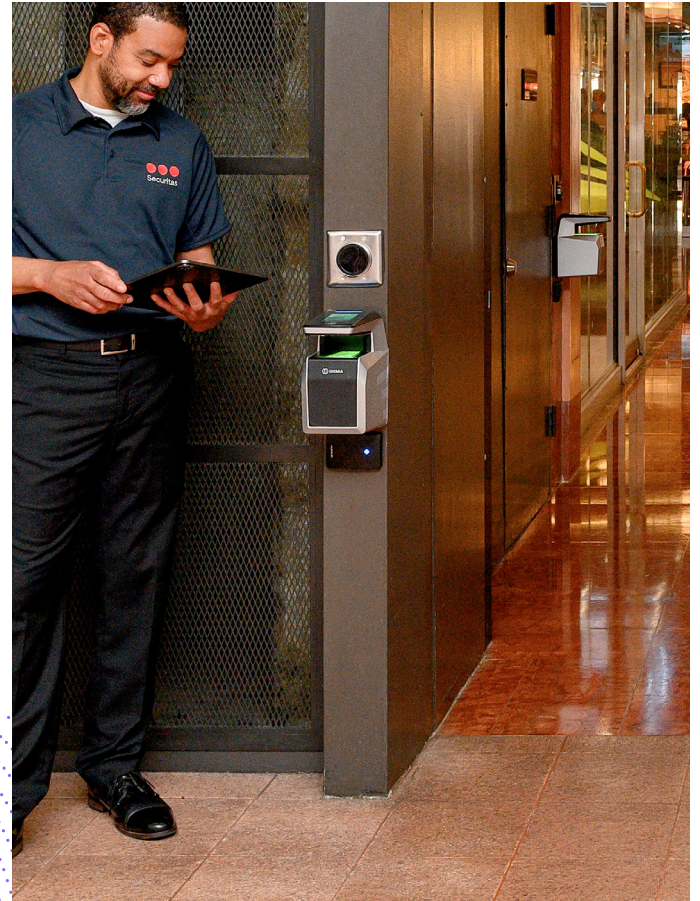
OnGuard is also providing badging services to create temporary credentials for contractors or visitors. Temporary credentials can be scanned through the IDEMIA readers in lieu of a biometric reading when an individual is not enrolled. At present, there are 7 enrollment stations throughout the hotel.



LENEL S2 BLUEDIAMOND

The Boon Edam turnstiles include two means of providing access to individuals that integrate with the OnGuard security management system, including the IDEMIA touchless biometric system and the LenelS2 BlueDiamond platform that enables touchless access. The BlueDiamond readers can read regular physical credentials, smart cards or mobile credentials through the BlueDiamond mobile app. BlueDiamond readers are used as an alternative to the IDEMIA readers in case necessary or in situations where individuals elect not to (or can't) use the biometric solution.

The BlueDiamond platform supports a touchless, effortless access experience through the Phone-as-a-Badge feature which allows a mobile device to act like a standard credential. The range can be extended to grant entry from a pocket or handbag. The BlueDiamond platform and IDEMIA solution as integrated with the OnGuard security management system are part of LenelS2 parent company Carrier's Healthy Buildings Program. Both solutions provide touchless building access to help keep guests and residents safe.



Result

Prior to collaborating with Securitas Technology, the hotel had been dealing with a fingerprint solution that was inadequately managing access for hundreds of daily visitors. The hotel was seeking a reliable, efficient and consistent access management solution that was technology-forward with a sleek, aesthetic and modern design. After engaging with Securitas Technology and collaborating with IDEMIA, Boon Edam and LenelS2 on a comprehensive solution, The Grand completely transformed its access protocol. **Today, the touchless solution effectively secures the 42-story complex through the integration of the industry's best-in-class technology.**

- ✓ Reliable, Efficient Access Control
- ✓ Touchless, Safe Biometric Security
- ✓ Sleek, Aesthetic Product Design
- ✓ Secured Perimeters & Entryways
- ✓ Guest Convenience & Simplicity

To learn more about how Securitas Technology can help you upgrade your security operations, contact your Securitas Technology Account Executive or

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