

Case Study on Flat World Technologies Deployment of M2-IrisAccess™ for Secure Access to Data Center

Problem Statement

Flat World Technologies sought to deploy a biometric access control system to secure their data center from unauthorized personnel access.

Client Profile

Flat World Technologies was established in 2007, with a main office in Singapore and a subsidiary office in Shanghai. Their core business is security, providing installation for CCTV systems and access control systems.

Challenges

Flat World Technologies was seeking a way to ensure higher data security and tighter access control as protection from unauthorized individuals. Due to not having an accurate identification system it was very hard to prevent unauthorized system access with an identification protocol based on weak, old fashioned systems that relied on ID cards, PINs, passwords, or tokens.



In addition, an old fashioned system is unable to prevent ID and password theft and to detect forged identity documents so, they were desperately looking for a solution in order to secure their data center from unauthorized personnel access.

Solution

Flat World Technologies selected the M2SYS™ M2-IrisAccess™ system with the iCAM7000 standalone iris access control series for 4 different access points with capabilities to enroll up to 1,500 employees in the database. iCAM7000 enables rapid iris recognition with greater image collection for superior enrollment and identification. The iCAM7000's holographic targeting aid is just one part of an intuitive and interactive interface that includes voice and visual feedback for increased speed. All models feature the robust Iris ID countermeasure package experts agree sets the standard in the industry.



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Features

Major features of iCAM7000 iris access control series include:

- Fast, fully automatic dual iris capture
- Easy, non-intrusive, non-contact user interface
- Integrated contactless smart card reader
- Time and attendance ready
- Capacity for optional third-party Surveillance Camera
- Remote Management
- Stand-alone door access capability



Benefits

By deploying the **M2-IrisAccess™** iris access control system from M2SYS Technology, Flat World Technologies has been able to provide higher security for data center access and ensure a stronger security layer into the system. Due to the fact that iris patterns have a complex structure and provide the most distinctive visible features of human body, it is a preferred biometric modality and considered the most accurate identification method. In iris recognition, no “scans” of the eye are captured, this method uses a high resolution digital camera to take a photograph for identification. Here are more benefits of using this system :

- High accuracy 1:N and 1:1 capability
- High speed - high throughput
- Exceptional flexibility and ease of integration
- Non-contact - clean and hygienic

About M2SYS

M2SYS works closely with its clients, enabling them to capitalize on the benefits of biometrics for security and accelerating their return on investment (ROI). This case study on implementing the **M2-IrisAccess™** iris access control system to secure a data center from unauthorized entry shows how our biometric solutions can ensure accurate and secure identity management in different scenarios.



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