ScanViS ID Case Study

Facial Recognition System

Making facial recognition technologies accessible and affordable to enterprises and organizations

ScanViS BY COMBA

Large events

Project requirement

GMSA, who represents the interests of the mobile industry worldwide, looked for frictionless and secure venue access to improve attendee's experience at MWC19 in Barcelona.

Fast and secure venue access control

ScanViS ID facial recognition (FR) solution helped GSMA promote seamless event venue access through speeding up entry times, enhancing security, and personalizing the experience for around 109,000 attendees at the event.

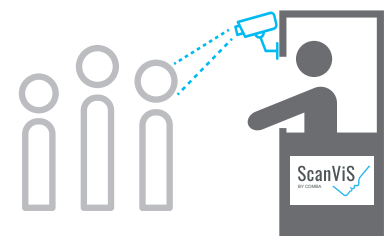## Quick, easy and efficient access lane

The FR solution ran through the whole event registration process from pre-event registration to on-site check-in during the show.

The deployment included two main parts: CamGuard system and GateGuard device

The CamGuard system facilitated the registration process by allowing attendees to register and upload their photo on the organizer's website before the event.
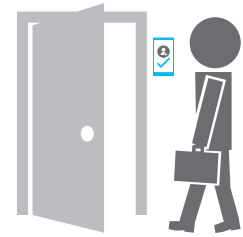
After onsite passport/ID checking, attendees were identified by the FR system and were able to move through the event access lanes without having to show their badge or ID. Given that the system verified 45 faces in only one miniute, it significantly sped up the entry for attendees.

Security-focused entry management

The tablet sized GateGuard device was installed at the Ministerial Programme conference area entrance to ensure only verified attendees were authorized entry.

Given the customer friendly features, both the CamGuard and GateGuard systems offered real-time access logs update for monitoring, watchlists compilation to cater VIP's needs and to increase security.

With such large attendee numbers, it was important that visitors could access the venue quickly. ScanViS ID facial recognition solution completed verification within one second on average, providing a fast and security-focused access control management to effectively process large number of attendees.

ScanViS facial recognition algorithm was
trained through deep learning with over 100 million faces,
and has been well proven in both private and public industry sectors.

ScanViS CamGuard

Capacity:
100K of faces

This system runs with IP camera and facial recognition server to perform access control for large number of visitors in

- big events
- commercial building with multiple entry points
- remote site offices

It is also an ideal application for safety monitoring of dementia patients in the elderly care centers.

ScanViS GateGuard

Capacity:
30K of faces

This tablet sized facial recognition device for wall mount or gate integration is designed to manage access control and staff register for

- enterprises
- property developers
- service industry

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