



SIEMENS

Solutions for Sports and Entertainment Venues

Video Monitored Ticket Access

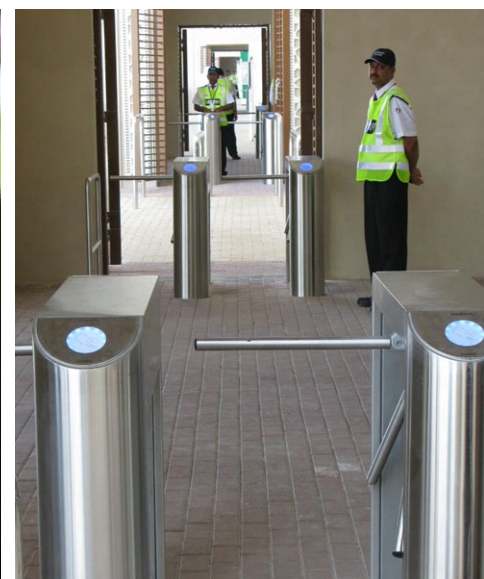
www.siemens.com/bt/sportsvenues

Siemens delivers complete infrastructure solutions for major sports and entertainment facilities all over the world. References exist in more than 150 stadiums and arenas.

The monitoring of the entry points when spectators present their tickets and proceed through the turnstiles and gates offers new logical means to venue security. Video streams of the ticket holders are captured, associated to the read ticket data and stored for evidential reasons. This capability supports all authorities participating in an investigation on the basis of facts and not assumptions.

By using facial recognition software, the system is also able to check visitors against an integrated database of known and blacklisted "trouble-makers". Therefore, anyone on this database who attempts to enter the venue will immediately be identified and security personnel alerted so that they can take appropriate action. For major events, where terrorist attack is a heightened threat, such software can assist in identifying known individuals.

Answers for infrastructure.



Security Challenges

As video monitored ticket access is widely used at large events, it is vital that such a system can manage certain challenges.

These can include:

- Capturing photos of ticket holders and combining these with personal information from the access control system in order to provide factual information for investigative reasons and post-event evaluation.
- The ability to integrate various databases to ensure anybody on a blacklist will be identified and stopped from attending the event.
- Supporting facial recognition software to perform searches for possible suspects of riots and incidents.

Our Solution

Video monitored ticket access solutions from Siemens further strengthens security by:

- Integrating with ticket access control and video surveillance systems to ensure increased security during major events.
- Granting or denying visitor access by matching the scanned ticket data with the actual event profile. This is achieved through the integration with the access control system.
- Offering real-time capture of visitors entering the gates through assigned cameras and associating these images with the recorded ticket data.
- Simplifying the investigation process of riots or other criminal activity through the capture and compare of access data functionality.
- Correlating the captured images with the personal data of the ticket purchaser, card holder or registered user during the sales process.

Highlights

- Integration of access control and video surveillance further strengthens security measures
- Real-time capture and compare functionality to identify anyone on a blacklist and for post-event evaluation
- Entrance video images combined with the personal ticket information within the access control system can provide evidential material