



Project reference

ADO Den Haag

Customer

ADO Den Haag
(Netherlands)

Technology

IP-based video management system with facial recognition capability

Market

Commercial Building

Challenge

Create a safe and secure environment for ADO Den Haag members at events and prevent unauthorized spectators from entering the premises

Solution

Implement DIVA, a centralized video management system capable of facial recognition to accurately identify visitors at the entrances of the football stadium

Every year, thousands of spectators flock to sports matches hosted by the historical Dutch football club ADO Den Haag. With large and lively crowds gathering in the Kyocera Stadium, fit to hold 15,000 people, ADO Den Haag takes the security of its fans seriously. That's why the club now has a high-tech and intelligent security system capable of verifying the identity of attendees as well as centralizing security management.

Improving safety and simplifying admissions

Cameras at the entrances of the stadium use a facial recognition algorithm to scan the faces of everyone who enters the facility. Since ADO Den Haag club cards include an RFID chip for contactless access, card holders can just walk into the building without further ado. This makes life easy for regular sports fans while improving the overall efficiency and safety of the admissions procedure. It also guarantees that club cards can't be passed around to unaffiliated persons. If a face and a card don't match up, the card is checked manually by the security guard at that particular entrance.





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Black lists

ADO Den Haag has worked hard to provide a safe and relaxed environment for football fans, having had problems in the past with trouble makers spoiling an event for the majority of the spectators. Therefore, ADO Den Haag makes use of a relational database to compare the faces of both club card and ticket holders with those on a black list, a selection of people who are banned from frequenting ADO Den Haag events. Since the system scans the face of each person who visits an event, it can store the information for future use. This means that if there is a problem at a game, the responsible people are held accountable for their actions and prohibited from returning to future ADO Den Haag football matches.

Centralized security management

With more than a hundred cameras installed around the premises, security personnel, police, the fire department, and emergency medical workers can effectively monitor the safety of an event from a central control room. Operators can view live and recorded video material as well as control PTZ dome cameras through the DIVA workstations. Each workstation is equipped with a map to give security personnel an overview of the stadium and where specific devices are installed. The workstations enable operators to supervise the total situation and assign specific camera scenes to a video wall for general inspection when necessary. Security staff can then assess incidents as they arise or during a forensic investigation afterwards, and take the appropriate action as needed.

Security is more than a system

The ADO Den Haag management knows that securing a facility requires more than just selecting the right components. The success of security ultimately depends on having reliable solutions from partners you can count on. That is why ADO Den Haag decided to work with TKH Security Solutions to replace its existing video management system with DIVA. Since DIVA is a highly flexible platform with an array of optional features, TKH Security Solutions and ADO Den Haag carefully designed and configured the system to conform to specific project requirements. This made it possible to select precisely the features that were needed to guarantee a safe and successful future for this legendary Dutch football club.

