

Project reference: Ghelamco Arena,
Belgium

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Siqura is part of TKH Security Solutions, a division of the TKH Group. TKH Security Solutions offers a wide range of systems for access control, surveillance, intrusion detection and video management.



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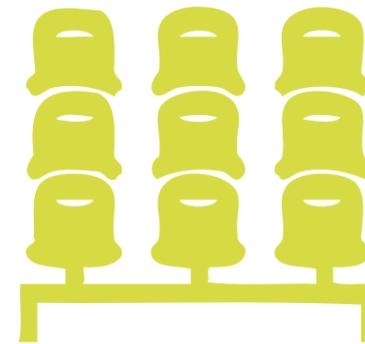
Project
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Ghelamco Arena, Belgium

AA Gent have always been one of the mainstays of Belgian football. After a few particularly strong seasons, the club decided to leave its old home and move to a new stadium, the Ghelamco Arena, with a seating capacity of 20,000. This multi-use stadium also houses offices, stores, bars, restaurants, exhibition spaces and indoor parking decks.



129 cameras



9,000m²
restaurants, bars
and stores



multi-use stadium
mostly used for football



2,200



20,000 seats 14,000 m² office space

Customer

Ghelamco Arena (Belgium)

Distributor

Elbex Technologies bvba

Systems integrator

Geconet N.V.

Technology

IP-based video network

Market

Public safety

Challenge

Implementing fast and accurate video surveillance in AA Gent's new stadium

Solution

Siquira's IP cameras

The challenge

With thousands of people packed together and emotions running high, football stadiums call for the highest level of security. Unfortunately, this lesson was learnt the hard way. Real change only came about after the Heysel and Hillsborough stadium disasters in the late 1980s.

Today, safety is a top priority in stadium design. The Ghelamco Arena solicited for a complete yet economical video surveillance solution that would offer a clear view of everything that is going on in and around the stadium. Speed and accuracy were key requirements, with at least 140 pixels per metre for the seating areas. The Ghelamco Arena also wanted a separate fiber-based network ring and a maximum of four server locations for the entire installation.

The solution

For each location, Siquira's VAD partner Elbex Technologies selected the most suitable camera model. The spectator areas are now monitored with Siquira's HSD820H2-E, a full-HD high-speed PTZ dome camera with 20x optical zoom and 8x digital zoom. Offering support for many different presets, cruises and sequences, the HSD820-E covers a large surveillance area without dead spots. Hands-on assistance is provided by undercover police carrying mobile devices that communicate directly with the central video management system.

The parking decks were fitted with Siquira's BC820H1, a full-HD box camera with automatic day/night functionality, backlight compensation and wide dynamic range, while Siquira's CD820F1, a compact fixed dome camera, was placed in public passageways and corridors.

Implementing a well-balanced mix of surveillance hardware has helped turn this modern venue into one of the safest of its kind, a place where both home and away fans can enjoy a great day out.