



Complete CCTV solution for Meinau Stadium, Strasbourg



Project Overview

COE Limited has recently completed the supply of the CCTV surveillance upgrade to Strasbourg's Premier League Meinau Stadium in France. The project was installed and commissioned by Amec Spie.

The primary aim was to provide a CCTV system capable to allow stadium access control and public identification with performance, ruggedness and flexibility. The digital CCTV system is used during all events staged in the stadium including football, concerts etc. All camera images are simultaneously available at the stadium OCC, Strasbourg city Centre OCC and Police OCC which has improved Police and security personnel response times.

COE Limited worked closely with the Integrator and its partners to provide a seamlessly integrated solution.

Amec Spie provide services and expertise in CCTV system and communication networks to industrial, commercial and institutional customers. The company partners with customers to build their projects, and supports them in their operation and maintenance.



Meinau Stadium

Technical Overview

To achieve the design goal of a flexible CCTV system, COE supplied its X-Class MPEG4 video codecs and Fibre Optic transmission products including optical video transmission cards. Each G2 MPEG4 Codec is connected to a camera dome through an optical link based on Series 200 equipment. Each video signal is coded as an analogue equivalent 4CIF-25 fps video stream on the local Gigabit Network. The COE MPEG4 video stream is managed and controlled by the Control Software which also manages the recording at the required resolution of 4CIF-25fps. In addition, the system offers the opportunity to view and control cameras from the main Strasbourg City OCC (Operation Control Centre) and Police OCC.

Transmission Network

In order to transmit the video from the stadium to the Strasburg central monitoring Operation Control Centre (OCC), COE is employing a secured Gigabit Ethernet network based on full-meshed architecture. In this case, RSTP allows us to implement parallel paths for video traffic, and ensure that redundant network paths are enabled if the main path fails.

Key project application needs met by COE X-Class

- The combination of digital technology and software providing a complex CCTV system with advanced functionalities.
- Integration with existing city centre control system
- Provide the highest level of reliability for an operational Operation Control Centre 24/7
- Support of MAN infrastructures; enabling a 'best fit' solution.
- Provide a rugged, flexible and scaleable solution
- Provide Software Development Kit (SDK) with high levels of associated services.
- Highest quality realtime images for all operators
- Flexible networked design capable of expansion and modification with minimal disruption and costs
- Target budgetary constraints met

Other COE Ltd References Sites include:

Traffic Information Services (UK), Singapore MTRC, Strasbourg City Centre (France), Leeds/Bradford City Centre (UK).

X-Class chassis



G2 Codec Box



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