



# CASE STUDY

## OPENVIEW UPGRADES CCTV SECURITY AT CARDIFF AIRPORT

Cardiff Airport is the gateway to Wales with over 50 direct routes and more than 900 connecting destinations worldwide through hubs including Amsterdam Schiphol, Dublin and Barcelona. The airport is situated in the Vale of Glamorgan, around 30 minutes from Cardiff city centre, and forms part of the Welsh Government's St Athan – Cardiff Airport Enterprise Zone and is a key contributor to the local economy. .

### The Challenge

Cardiff Airport, the national airport for Wales and a key gateway to the UK, wanted to carry out a staged upgrade of its security network to meet the evolving requirements of this rapidly expanding transport hub. This would include a software upgrade for 40 cameras and the replacement of a further 110 cameras with the latest high definition devices. The security network was to be expanded with an additional 80 cameras to meet the requirements of Cardiff Airport which is one of the UK's key strategic assets that welcomes over 1.58 million passengers annually.

### The Solution

OpenView Security Solutions was invited to propose a solution for the staged upgrade of the security network as it was the airport's incumbent CCTV systems maintainer and had received recommendations from IndigoVision, which supplied the cameras, Video Management System (VMS) and Network Video Recorders (NVRs).

Ian Godsell, IT Technician and GDPR Data Protection Officer at Cardiff Airport, said: "We have been impressed by the professional approach and expert advice provided by OpenView throughout the successful completion of this significant upgrade to our CCTV security systems. The safety and security of our staff and customers is our



number one priority and the advanced technology in place supports our efforts to constantly monitor activity across the airport. This in turn supports our commitment to minimise risk and remain compliant in terms of regulatory standards.”

The first phase of the upgrade project saw OpenView upgrading the CCTV control room with IndigoVision’s Control Centre, the company’s latest VMS platform and a new video wall to give operators the clearest view of the expanded camera network. It also provides department heads with browser-based access to video footage to quickly review events and enhance decision-making. Additional IndigoVision NVRs were installed to capture and store images from all cameras for a 31-day period with an additional unit for failover applications. The upgrade was planned and completed to minimise disruption to the airport operation and ensure continued security vigilance throughout the process.

OpenView then replaced existing cameras which were obsolete and, as soon as new cat 5 cabling had been installed by the airport’s third party contractor, was able to complete the new installation locations across the Airport including fire stations, management suite and hangars.

“With extensive experience of working with airports and a nationwide network of strategically located offices, this upgrade confirms OpenView’s ability to handle major infrastructure projects for safety critical organisations throughout the UK,” added Andy Ward, Sales Director at OpenView Security Solutions.

Several challenges had to be overcome whilst completing this upgrade including having to unexpectedly replace collapsed ducting in some of the car parks and the handling of all intricacies involved in risk assessments relating to working at height throughout the airport. OpenView continues to provide a high quality maintenance support service to ensure the system consistently operates at peak efficiency and is working closely with the IT team to further enhance the CCTV network as the airport continues to expand.