



**MEYERTECH**<sup>®</sup>  
**SECURITY** *with* **VISION**



# Project Portfolio: Cork Airport

# Cork Airport – “A fundamental change in airport video surveillance”

In the first quarter of 2015 Meyertech completed the modernisation of Cork airports video surveillance system which went ‘live’ on March 23<sup>rd</sup>.

Cork Airport is the international gateway to the south west of Ireland and is Ireland's second busiest airport after Dublin Airport. Both airports are part of the daa Group of Irish State-owned airports. Cork Airport serves an average of 7,000 passengers per day, rising to 15,000 in the peak season with up to 60 arrivals and departures. An average of 2.4 million travellers use Cork Airport annually, flying to over 50 destinations across Europe

The modernisation of the airports video surveillance system was significant for daa and for Meyertech.

**“Resilience and Flexibility were key business drivers for Cork Airport”**

Conor O’Driscoll, the airport’s IT Business Relationship Manager takes up the story. *“The new terminal in Cork was designed in 2003/04 and went live in 2006. So the CCTV system was quite dated.”*

In the latter part of 2014 Cork airport made a fundamental decision to move away from its traditional ‘black-box’ based CCTV system.

It took this decision:

- To make use of its recently rolled-out virtualised IT platform.
- To move to a system which has a defined sustainable upgrade path to enable Cork to benefit from new technologies as they become available?
- Based on the lack of resilience its current system provided.
- Due to the inflexibility of its current CCTV system.
- When it identified a system which offers a more cost effective solution all round.
- To move away from propriety systems and onto an open-platform based system.
- To achieve its goal of converging CCTV maintenance and IT into a consolidated support service.

## Cork Airports Vision

One of Cork airport's main objectives was to leverage its existing backend infrastructure and equipment by moving the CCTV system onto its IT infrastructure and virtualised platform. By doing this it realised that not only would it save significant cost in infrastructure but also it would reduce on-going support and maintenance costs.

**“An open standard IP solution – ONVIF”**

Additionally by moving to an ONVIF Video Management Software (VMS) platform providing an open standard IP solution a vast choice of equipment and integrated systems become accessible to the end user which, is a fundamental game changer when Cork airport wants to expand or refresh the system in the future.

Back to Conor, *“From a technical perspective, we have gone from an older analogue propriety hardware and software model, which ties you into the supplier, to an open standard IP solution where the systems will communicate with each other more easily. This ensured a cost effective solution while also significantly improving the functionality and resilience of such a key operational system.”*

## FUSION-Eclipse

Meyertech’s FUSION-Eclipse Video Management Software (VMS) was chosen by Cork Airport to deliver its video surveillance system for the future, a system which ticks all the boxes now whilst also providing a base from which to build and add value in the future. Being ONVIF conformant FUSION-Eclipse is ready to be integrated with other ONVIF technologies including analytics, access control, building management and fire alarm systems.

FUSION-Eclipse is our fourth generation VMS and our most powerful to date and importantly still the easiest VMS to use on the market.

**“Complex VMS made simple”**

Providing control of elements of your security system from an intuitive easy to use GUI FUSION-Eclipse delivers the complete-package. ONVIF conformant Profile-S, innovative functionality; HD images, PSIM capable; resilient servers with fail-over and hybrid interoperability.

## Graphical Navigation

Site graphic navigation enables users to understand the area they are viewing which is fundamental to them performing their surveillance tasks. FUSION-Eclipse site graphics are clear and concise, pinpointing locations within buildings and open spaces assisting users to react and make decisions more quickly and efficiently. The level of detail within FUSION-Eclipse can be further enhanced with our 3D-orientation of buildings and open spaces.

## A New Way to Store Video

FUSION-Eclipse offers organisations the opportunity to migrate existing proprietary DVR and NVR systems to an ONVIF conformant unified security platform operating on a secure and resilient network infrastructure by utilising an organisation's existing NAS, SAN and other enterprise-class storage to ensure data integrity and more efficient utilisation of your storage capacity.

At Cork Airport the video is stored off-site in the same way **cloud-based-hosted-video** works. The only difference being is that the data centres are owned by daa.

## Fundamental Change

What Meyertech has achieved at Cork Airport is to rationalise video surveillance, including the legacy elements, into an IT centric service.

Daa were able to move away from a proprietary 'black-box' system to an IT centric system which they fully understand and have limitless opportunity to add value to and grow the system as they want it.

## **“FUSION-Eclipse VMS is more flexible and has a lot of extra functionality”**

*“What we have is a new ‘blueprint’ for video surveillance systems,” says Stuart Meyers, the Managing Director of Meyertech. “In Cork airport video surveillance is no longer a separate system it is simply part of the IT system and because Cork airports staff understand IT they don’t need to be experts in CCTV which means we are always on the ‘same-page’ when it comes to discussing the system, which is great!”*

One immediate opportunity (which was not possible with the old system) is for Cork to be able to provide its staff with mobile viewing capabilities.

With FUSION-Reach powered android tablets and devices mobile viewing is now a reality extending the reach of control room operations and providing Cork with the potential to explore new ways of working.

## **“A big step up for Cork Airport”**

A final word from Conor, *“The new system is a big step up for Cork Airport. It is more flexible and operationally intuitive to users. It also has a lot of extra functionality that we didn’t have previously”*

# Corporate Profile

Meyertech is a technology company which develops VMS and PSIM software applications for the CCTV surveillance and security markets. Meyertech also designs and manufactures a range of supporting hardware products.

When combined together this portfolio of products offer a unified solution providing unrivalled levels of interoperability for clients who demand the best.

Over its 15 year history Meyertech has a proven track record of developing camera integrations with many different manufacturers. Our in-house development team are very experienced in delivering integrations to meet OR's and can typically develop a new integration in 2-3 weeks depending on the complexity of the requirement.

It is at our research and development facility located at Meyertech's headquarters in Manchester where all the innovation takes place, developing new products, new applications and creating class-leading services that are helping to transform the global face of video surveillance.

Our FUSION software applications deliver the complete VMS package for security professionals. **FUSION-Eclipse** is the most complex VMS Meyertech has ever developed (Powerful, Versatile and Innovative) but, importantly, it is still the easiest VMS to use on the market. *"Complex VMS made SIMPLE"*

Meyertech's **ZoneVu** products provide both analogue and IP-digital hybrid solutions which offer high levels of integration with other systems. This cross-over between analogue and IP-digital is ideal for organisations migrating to IP-digital in managed phases.

Nano is the latest addition to Meyertech's family of VMS applications and is the first to be created exclusively for ONVIF cameras. It is also the easiest to use! - **#EasyVMS**.

Meyertech solutions are deployed across the globe in many different markets, from Airports to Highways, from Retail to Public Space.

Whatever markets you service Meyertech delivers functionally unified, resilient solutions, which are future-proofed through ONVIF interoperability standards to protect your investment.

Meyertech is an ISO 9001 and ISO 14001 registered company which demonstrates our quality management and environmental awareness to our customers.

Security with Vision is our mantra.



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 | The IP-based  
Security Standard

