



Camera-No: 005
Location: High Street
Date: 12/05/2008
Time Period: 9:00 – 11:00



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Rimage helps The Met investigate critical CCTV footage

Introduction

When the London Metropolitan Police took the decision to replace their command centre at Scotland Yard with two new state-of-the-art facilities, they turned to AMX to act as system integrators and project managers.

AMX is a worldwide leader in advanced control system technology operating in a variety of vertical markets, such as business, education, government, retail and entertainment. AMX® hardware and software solutions simplify the way people interact with technology. With the increasing number of technologies and operating platforms at work and home, AMX solves the complexity of managing this technology with reliable, consistent and scalable systems.

Tasked with creating one of the most advanced operation centres in the world in a relatively short timescale, AMX selected best-of-breed components to develop the system.

The technical hub for the command centre is the CCTV monitoring suite, a separate area in which a team of support staff have access to a super-set of incoming video feeds from the Met helicopter, street and mobile cameras. Here, activity is monitored and officers can take a global view, manipulating 30,000 incoming sources to provide the optimal viewpoint from which to manage a situation.

In addition to supporting officers on the ground, a key function of the command centres, is to provide video evidence to aid law enforcement agencies in the investigation and prosecution of criminals. Due to their functionality, performance and reliability Rimage systems play a vital role in the delivery of this service.

CASE STUDY: SECURITY



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The Challenge

The London Metropolitan network of cameras produces a huge amount of information every hour which is then backed-up in real-time onto the systems network. AMX were faced with the challenge of developing a flexible and efficient solution that would allow users of the system, to burn information on to a DVD as quickly and efficiently as possible to then pass on to investigating forces.

Prior to the new system being developed, camera footage requested by external sources was manually selected and then burned to DVD using the local drive. This process meant that the user was only able to burn just one disc at a time and therefore required to constantly remove and replace DVD's to complete the process.

“Although the process at New Scotland Yard was acceptable, it was both time and user intensive and it was therefore key to automate this system”, said Tom Scott, IT Director at AMX Endeleo. The London Metropolitan Police were therefore seeking a proven solution that they were confident would be able to meet their needs. “We researched a number of vendors, however only Rimage had the product range and reputation that met our needs exactly.”

The Solution

By working with other best-of-breed suppliers, AMX were able to develop a solution that almost completely removed the user from the operation and significantly increased the amount of discs that can be produced each hour. By connecting seven Rimage 8100N disc publishing systems to the network, each of which features four DVD drives, the London Metropolitan Police are able to burn up to 28 different discs simultaneously.

By combining the Rimage 8100N disc publishing systems with a custom designed AMX Video Distribution system, the Metropolitan Police now have an automated solution to their problem that exactly matched their needs. “We've completely removed the user from the process, which now provided law enforcement agencies access to more information faster than ever before”, says Tom Scott.



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The Results

Improved Workflow

By connecting the Rimage disc publishing solution to the network, information is sent directly to the system. The sophisticated Rimage software, in conjunction with a bespoke integration from UK based software specialists AVCO Systems Ltd that extracts and manages large files across multiple DVDs, is controlling the entire production process. During the process, a robotic picker automatically places blank discs in the high speed recorders to begin the burning process. After the burning process is complete, all information relevant to the video content, such as date, time-stamp, camera ID and police department is printed as a permanent label on the DVD surface using an in-line Everest Thermal Re-transfer printer. With the aid of Rimage's data streaming capabilities, every DVD produced can be unique without compromising the performance or overall throughput. Since users are only involved at the start and end of the process, the Rimage solution has overall streamlined the process of delivering video content for the London Metropolitan Police. This means that investigating officers can access more information faster than ever before.

About Rimage

Rimage Corporation (www.rimage.com) is the world's leading provider of optical media publishing systems, which are used by enterprises and governmental organisations to produce CD, DVD and Blu-Ray discs with customized digital content, on-demand. Rimage systems, which handle high to low optical media production volumes, integrate robotics, software and surface label printers into a complete publishing solution. In Europe, Rimage focuses on key markets and applications including medical imaging, financial institutions, broadcast, IT, manufacturing and government where its entry level to high end publishing systems solve specific challenges in archiving and digital production and create new opportunities in customer service, marketing and retailing. Founded in 1978, Rimage is listed on NASDAQ and reported \$109m revenues (2007)

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