

the old analog system, but it offers what is arguably the best digital solution on the market. Integral does not provide 'one fits all' systems, like many of the others available on the market. Their products can be configured to meet the exact requirements of the application at hand, ensuring end-users never miss anything or pay for more than they need."

Bank of Ireland has found the transition from the old system to be a smoother process than expected. From the initial on-site demonstration through the current phase of rollout, the financial institution has taken full advantage of Integral's regional team. With the considerable differences between analog and digital systems, the local support base has proved an invaluable asset.

"The training scheme that Integral has provided for us ensures that we make full use of the company's extensive functionality, in addition to aiding with a quick and efficient changeover to the digital system," says Mr. Keane. "Having a locally based Integral representative gives us peace of mind. When we chose this solution, we knew we would get top-quality support in addition to a top-quality digital CCTV recording solution. All of this results in the bank's learning curve being significantly shortened."

Training was also kept efficient and easy due to the universal interface used in RemoteView. Through this, Bank of Ireland security personnel must only be trained on a single interface to master the intuitive, yet comprehensive, control software.

In addition to the end users, Ireland's police force, the Garda, is reportedly pleased with the updates to the Bank of Ireland's security systems. The force now has the ability to retrieve comprehensive and detailed footage quickly, which can then be submitted as watermarked, high-quality evidence. A higher proportion of guilty pleas results from being able to easily identify the perpetrator, due to the system's crystal-clear digital recording.

"The Bank of Ireland has been working with Tour Andover Controls in excess of two years," says Mr. Clarke. "By choosing a system that includes Integral Technologies as part of the foundation, we are helping Bank of Ireland build a security solution that will last for years to come."

Presently, some of the largest installations are located in the Bank of Ireland's most customer-populated counties including Cork, Dublin, Kildare, Kilkenny, Limerick, Waterford and Wexford. With a total of over 3,000 cameras on the entire network, there are still a number of updates scheduled for the near

future. As these are carried out, the shift from analog to digital video systems will continue to provide Bank of Ireland employees and customers alike with increased safety.

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Bank of Ireland Invests In New Security Technology

Case Study - Financial

As its nation's largest financial firm, Bank of Ireland faces a daunting security challenge. Two years ago, the institution realized that the tools in use were no longer sufficient to meet the demands of a constantly changing world. Through the integration of hardware and software produced by Integral Technologies, Bank of Ireland is now experiencing the benefits of the digital revolution.

Until recently, analog systems using time-lapse recording were the standard across Bank of Ireland's branches and facilities, which number in excess of 300. By only recording one image every five seconds, vital information would easily be lost. In addition, it could take hours to retrieve the necessary footage when an incident such as counterfeiting, fraud, robbery or theft occurred.

All in all, the system was a comparatively low-tech, cumbersome and difficult-to-manage CCTV recording solution.

"Not only did it far surpass the old analog system, but it offers what is arguably the best digital solution on the market."

The current overhaul began when a customer at a local branch who worked in the security industry noticed the existing Bank of Ireland system and commented on it. That customer was Philip Clarke, Business Development Manager of Tour Andover Controls in Ireland, who introduced the company to a better solution.

"It began with a conversation I had with the manager of my local Bank of Ireland branch," says Mr. Clarke. "When he realized the potential benefits afforded by recent technological innovation, he introduced me to the head of

security. Once he saw what was now available, we immediately began working on providing a new solution."

The core of this new system would turn out to be DVXi, DVX 500 and DS XPress digital video management systems from Integral Technologies. In the initial stage, ScreenGuard installed 14 DVXi and DVX 500 units located at the Bank of Ireland's headquarters in Dublin and several branches across the country. These first 14 units recorded images from a total of 128 cameras residing on the institution's network. The system immediately proved a vast improvement over its predecessor.

"The Integral system provides a raft of benefits over our old analog CCTV recording systems," says Michael Behenna, Security Manager at Bank of Ireland's headquarters. "One of which is the fact that we are no longer dependent on bulky cassette tapes or labor intensive tape management systems. In addition, we can effectively and efficiently manage our digital storage using Integral's motion detection and masking features."

Due to the user-friendly capabilities of the new Integral system, the bank's security staff has become very familiar with video retrieval, video "scrubbing," and exporting – all features offered through the Integral DVXi unit. Because video is not downloaded until it is requested for display, locating and retrieving specific bank footage has

saved Bank of Ireland significant time, money and headache.

The unit's video "scrub" bar tool enables appropriate bank personnel to easily maneuver through video. This feature is particularly useful while employees monitor live video and search for movement in particular areas of camera view. Additionally, the "scrub" bar tool permits employees to effectively mark a specific video segment needing to be exported to a CD. The unit's standard CD-RW is useful for the bank when needing to authenticate and export video clips, or having to playback video. The CD-RW completely eliminates

the need to download media players, which essentially saves the bank a substantial amount of time.

"The Integral system offers fantastic picture quality and superior resolution when viewing live and recorded images," says Mr. Behenna. "On top of that, our security team has also found video searches incredibly easy thanks to the time, date, alarm and camera retrieval filters. However, it's the SmartSearch™ feature that provides the most benefit."

Bank of Ireland uses Integral's RemoteView, a single interface application that allows security personnel to view live and recorded video, manage systems remotely and operate a host of features from any Integral DVMS unit, including its DS XPress systems. Through an extensive array of features ideal for the banking industry,

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RemoteView has improved the efficiency of Bank of Ireland's security operations.

Through the RemoteView software, a virtually unlimited number of security personnel can simultaneously access single or multiple systems. A remote alarm management feature increases the system's flexibility. Through this, alarm events are automatically displayed next to live video, which enables security personnel to view both events simultaneously, even if an alarm event is still in progress. Additionally, hardware settings, user permissions, alarms, recording schedules and other security settings can be altered remotely by valid bank administrators, enhancing the security and adaptability of the overall system. The software also provides complete control over PTZ functionality.

Bank of Ireland personnel have found particular value in the SmartSearch function integrated into RemoteView. This intelligent feature provides search for activity under video setting retrieval defining which of the camera's contain motion, easier for personnel to footage.

"Through the and Integral's software, the use of a network RemoteView security solution is extremely comprehensive," says Paul Keane, Security Personnel at Bank of Ireland's branch in Cabinteely. "The cameras at our branch in Cabinteely can be viewed by any authorized users on our network from any site. This offers seamless communication between security personnel and allows us to keep every aspect of the bank safe and secure."

Impressed with the results achieved by the initial installation, Bank of Ireland decided to move forward with extending the system to the entirety of its operations. With over 300 branches nationwide and each branch containing anywhere from 6 to 100 cameras, it is quite an undertaking. At present, a mix of over 30 DVXi, DVX 500 and DS XPress units have been installed and are managing approximately 500 cameras.

"The Bank of Ireland was immediately impressed with the Integral Technologies system," recalls Mr. Clarke. "Not only did it far surpass

At-A-Glance

Project Type:
Digital Video Management Systems

Project Name:
Bank of Ireland

Location:
Ireland

Market Segment:
Finance

Equipment:
DVXi, DVX 500, DS XPress RemoteView, MasterControl DS XPress, DigitalSENTRY

Network:
LAN/WAN

Applications:
Digital Video Recording SmartSearch Easy Export Video Quality Remote Alarm Management Training

