







A Secure Investment

Banco de Chile Chooses DVRs for 220 Branch Deployment

Reflecting the high priority Banco de Chile places on the security of its customers, employees and operations, the institution evaluated more than 20 competing DVR systems before selecting March Networks™ digital video hardware and software products for a phased retrofit of 220 banking branches.

The high reliability, efficient video compression and intelligent search capabilities of the March Networks system were key factors in the bank's decision, says René Quero Silva, manager of electronic security with Banco de Chile.

"In the pre-selection period we evaluated 20 different DVR alternatives – from PC-based solutions to standalone systems. We then tested seven systems on performance capabilities including bandwidth usage, reliability, video motion detection, ease of use and maintenance.

"What we concluded," Quero Silva continues, "is that the security expertise and reliability of the March Networks products is superior.

"The DVR's ability to maximize hard-drive storage through efficient video compression, for example, is excellent," he says, "and we also liked the fact that it offers internal harddrive mirroring for added redundancy."

Rollout

Banco de Chile has already started the process of replacing existing time-lapse, CCTV equipment with the new DVR systems in its larger banking branches, working

with Santiago-based systems integrator and March Networks Certified Solution Provider Bash Seguridad S.A.

The networked application will enable authorized banking staff to remotely search and retrieve archived video by date, time or alarm – increasing their ability to quickly investigate incidents and respond to internal or external requests. The security department will also use the system to monitor live video from a central location to enhance overall safety for customers and employees.

Another benefit, adds Quero Silva, is the fact that the DVRs will be more cost-effective to operate over time than the older, VCR-based CCTV systems.

"Using March Networks viewer and configuration software, we will be able to manage, upgrade and monitor each DVR remotely, which will reduce the need for on-site servicing and enhance the reliability of the system," he explains. "The software is easy to use and, in addition, is offered in Spanish, which was not the case with all of the systems we examined."

Flexible product line

Banco de Chile is deploying a combination of March Networks 4000 Series and 3000 Series DVRs to accommodate the different camera and recording needs of individual banking branches. Each 4000 Series DVR supports up to 16 cameras, 1.2 TB of internal storage, and recording rates of between 60 and 240 frames per second (fps), while the smaller 3000

Series DVRs support up to eight cameras, 300 GB of internal storage and 60 fps.

All the DVRs share innovative features including Linux operating systems embedded in flash memory, efficient H.263 video compression, fanless operation, and intelligent hardware and software watchdog circuitry.

And because the networked systems are built to work with other business-critical banking applications, Quero Silva says Banco de Chile will also consider integrating the digital video information with its automated teller machine, alarm and access control systems in the future.

"The project was planned that way and the March Networks Software Development Kit certainly offers that capability." **

Banco de Chile

Banco de Chile (www.bancochile.cl) provides a full range of financial products and services to a wide customer base, including large corporations, small and medium-sized companies and retail customers, through a domestic network of 230 branches, more than 900 automated teller machines and other electronic distribution channels. International operations include locations in New York and Miami, and representative offices in Buenos Aires, Sao Paulo and Mexico City. Headquartered in Santiago, Banco de Chile shares are publicly traded on domestic stock exchanges as well as those in New York, Madrid and London.