CUSTOMER SUCCESS STORY

The ION-R100S Secure Display Station Elevates Security and Efficiency at Municipal Credit Union Bank

IO NODES

CHAMPION ALARMS & MUNICIPAL CREDIT UNION

Financial institutions, such as Municipal Credit Union, require robust security to protect their staff, customers, and assets. MCU sought a cost-effective solution that provided complete camera coverage without complex hardware or software. They partnered with their system integrator, Champion Alarms, to design a live display solution based on IONODES' ION-R100S Secure Display Stations.

In the banking industry, strict regulations are put in place due to the high volume of daily monetary transactions. Compliance is crucial to ensure the protection of personal data and prevent theft and fraud. To achieve this, video surveillance is utilized to provide live feeds that constantly monitor the entire bank premises.

Since incidents often occur in less visible areas, employees need to have access to live feeds from multiple cameras to quickly identify and address any suspicious activity. This comprehensive approach aligns perfectly with the bank's commitment to safeguarding personal information and creating a safe and secure environment, both inside and outside the bank.

CHALLENGES: FINDING A SOLUTION FOR MCU'S UNIQUE NEEDS

MCU needed a live display solution with specific features—one that requires low maintenance, operates silently with a fanless design, and allows for an exceptionally straightforward installation without specialized software. Additionally, they required a user-friendly interface that would simplify employee training. It was also essential that the solution integrate with TVs in the common area, so staff and bank employees can monitor branch activity, assess business levels, and manage client escalation effectively.

The bank also wanted to avoid a workstation-based solution that demanded numerous costly client licenses and the ongoing upkeep by IT personnel. This presented challenges in terms of costs and support time for both MCU and Champion Alarms.

THE SOLUTION: SIMPLE, RELIABLE SMART DISPLAYS

To address these challenges, Municipal Credit Union turned to Champion Alarms, one of our valued system integrator partners with over two decades of industry experience. Champion Alarms proposed a cutting-edge solution centered around the IONODES ION-R100S Single Monitor Secure Display Station. This solution offered a range of key features and functionalities that were instrumental in solving the organization's security needs.

Highlighted by its compact and fanless design, the ION-R100S ensures noiseless operation and removes the risk of mechanical failure. This robust design renders it an optimal choice for dynamic video applications such as spot monitoring and single monitor video walls. Equipped with a high-resolution video output (HDMI) that can reach a display resolution of up to 4K, the ION-R100S also seamlessly decodes and displays content from up to 32 IP cameras, which allows the bank to have comprehensive coverage of crucial areas within the building.

Additionally, the ION-R100S empowers Municipal Credit Union to tailor video monitoring to their precise specifications, offering up to 5 distinct view layouts and 4 sequences. With the ability to decode IP video streams at a total of over 50 Mbps, it has the performance required to ensure display of high-quality, low-latency video feeds.

> " Our goal was to provide MCU with a simple and secure video display solution – one that came ready to use right out of the box. The ION-R100S offers remarkable adaptability with its user-friendly interface, easy installation, and seamless integration with their existing infrastructure. "
>
> — Champion Alarms
> John Di Stephano (CEO)

THE RESULTS: ENHANCED SECURITY, LOWER COSTS

The installation of the ION-R100S Secure Display Station was done hassle-free with the inclusion of a VESA mount and compact power supply. Live display is integrated with TVs in common areas, so staff and bank employees are able to monitor branch activity, assess business levels, and manage client escalations effectively. Its compatibility with Onvif/RTSP IP video allows for seamless integration with the bank's existing Genetec Security Center VMS and enables live video display from their existing Axis Cameras that cover crucial areas including the main floor, the vault, and any potential area where an incident may occur.

Another key advantage and standout feature of the IONODES Secure Display Stations is their fault-tolerant design. In the event of a power outage, the appliances are engineered to recover and be up and running within less than a minute of power recovery. This resilience guarantees minimal downtime, allowing MCU to maintain access to live monitoring at all times. IONODES backs the ION-R100S with a 2-year warranty, providing peace of mind and assurance of the product's quality and reliability.

Compatible with most IP cameras

Available VMS integration or run in standalone

Locked down and secure for installation in public areas

Display up to 32 cameras on up to two 4K monitors

THE OUTCOME

The IONODES ION-R100S has a positive impact on the Municipal Credit Union's operations. The organization achieved substantial savings by using this cost-effective solution design, which eliminates the need for expensive multiple concurrent VMS client licenses, and costly workstation deployments. The Secure Display Station's scalability also ensures future expansion and compatibility with emerging technologies, ensuring long-term value for the investment.

The successful implementation of the IONODES ION-R100S solidified a long-term partnership between IONODES and Champion Alarms. For Municipal Credit Union, the ION-R100S not only enhanced security measures and compliance but also improved overall banking operations, ensuring a safer and more efficient banking environment for employees and customers alike.

WHAT CAN IONODES DO FOR YOUR BUSINESS?

Visit our product page to learn more about the Secure Display Station product line or request a personalized demo today!

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