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CASE STUDY:

VIDEO SURVEILLANCE SOLUTIONS DELIVER THE BEST OF BOTH WORLDS TO A WYOMING SCHOOL DISTRICT

Project Overview:

Located within the Big Horn Basin in Northwestern Wyoming, Washakie School District No. 1 serves roughly 1,350 public school children. It operates three elementary schools, one middle school, one high school, and a district-wide education resource center.



Integral to the District's commitment to providing an ideal learning environment is ensuring the safety and security of all its students, teachers, administrative staffs and visitors. Mindful of both modern school security challenges and the benefits of

newer, more innovative security technologies, the Washakie School District sought to optimize its surveillance infrastructure. They tapped on the expertise of security specialist Kurt Stauffer of ADTECH Fire Alarm Systems in South Dakota to design a modern video surveillance solution.

Challenges:

Washakie required coverage across all of its geographically separate school campuses. They also desired a distributed infrastructure that also allowed for enhanced privacy and reliability while at the same time giving them the ability to manage and administer surveillance operations centrally. The District sought proven solutions that wouldn't require sacrifices in quality or performance but would, on the other hand, fit into the confines of their budget.

Solution:

After comprehensive review and analysis of the district's needs, Stauffer and ADTECH selected an IDIS solution to provide a next-generation, feature-rich technology that easily met the need for comprehensive surveillance across the school district, while also delivering reliability and high performance without unnecessary cost. The IDIS Solution Suite video management software (VMS) is highly scalable and enabled a fully integrated network video surveillance solution that allowed ADTECH to focus on a comprehensive - yet rapid and easy - deployment of cameras and NVRs.



Each camera was carefully selected to provide consistent views and situational awareness across all environments and conditions. IDIS's wide range of purpose-built surveillance cameras leverage the company's ground breaking and true plug-and-play DirectIP® technology and provide options ideal for the education sector's specific and wide

range of surveillance needs. These include indoor and outdoor environments, cold weather and vandal resistant designs, high and low light, expansive and enclosed spaces. Additionally, IDIS Smart Failover technology ensures there are no gaps in the footage.

Stauffer also opted for the IDIS Solution Suite VMS because of its enterprise-level features and modular functionality. It uses intuitive control panels that provide live monitoring, playback, event manage and search, notifications and live popups, system health reports, and simple navigation across floor and building plans. This solution allows control room staff to manage hundreds of video streams and devices across the District's multiple education facilities.



Authorized staff at each school can easily retrieve, review, and export footage via a user-friendly interface to quickly investigate and resolve incidents from workstations, tablets and smartphones. This made IDIS Solution Suite VMS an attractive choice for Washakie because not only is it operationally efficient for non-security staff to use, it also comes at an industry-low and simple pricing structure – you only pay for what you use.

Results:

IDIS DirectIP which guarantees ease of installation, use, and interoperability, afforded Washakie an ideal mix of cameras, including the award-winning IDIS 12MP Super Fisheye with dewarping technology and Smart UX Controls. Washakie is also assured of cybersecurity through secure access, resource-efficient encryption, two-factor authentication, and proprietary protocols and file structures. Further, IDIS DirectIP mutually authenticates devices to eliminate the risks of passwords during

deployment, while IDIS For Event Network (FEN) technology enabled engineers to easily connect each school to the centralized control room, without speciality knowledge of routing or networking.

Washakie is already seeing the benefits of the design and technology innovations comprising their modernized surveillance solution. The NVR-based project utilizes local, distributed storage, which enhances security, reduces complexity, and increases reliability on both the processing and storage-side of the surveillance equation. And IDIS Critical Failover solution eliminates any single point of failure to preserve all video data by providing protection against a range of fault conditions including network failure and instability or a power outage.

End User Satisfaction:

The IDIS solution has proven to be best suited to the district's specific needs. It's delivering a more cost-effective, cybersecure, and less complex solution than a server-based and multi-vendor set up that requires expensive systems integration services and maintenance.

The District reports it is reaping the many benefits of the IDIS Solution Suite VMS in terms of a safer and more secure learning environment for students and staff, and improved protection of property and assets. It allows them to centrally administer and monitor each of its schools' security systems, giving Washakie the best of both worlds—the security and reliability of a distributed system and the administrative control and situational awareness of a centralized system. In addition, the security team has the confidence that the IDIS solution is expandable to ensure a future-proof investment and surveillance solution for the District.