



Future-proofing security: How a unified cloud VMS and rapid threat response empowered a school district

"The simplicity and integration of this system is fantastic. We can spin up a user and restrict camera access in seconds. The single pane of glass and the ability to easily share video links has been a complete game-changer for our daily operations."

Phil Brautigam, New Kensington-Arnold, IT Director



INDUSTRY:

K-12 Education

LOCATION:

New Kensington, PA

RESELLER:

2Krew



The New Kensington-Arnold school district faced the challenge of a legacy security infrastructure that was difficult to operate and lacked the integration and features necessary to protect students and staff from emerging threats.

Security integrator and reseller 2Krew stepped in to implement a comprehensive Eagle Eye Networks and Brivo solution, creating a modern, unified platform that ensures immediate response and is built for future scalability, including advanced AI and emergency services integration. This transformation moved the district from a complex, reactive system to a simple, proactive, and future-proof security ecosystem.

The Challenge: Aging tech and emerging threats

Several persistent issues with the school district's existing setup made a complete overhaul necessary:

- **Legacy system inefficiencies:** The previous on-premises system was difficult to operate, resulting in high management overhead and slow response times.
- **Aging infrastructure:** Older, low-resolution cameras produced inconsistent, low-quality footage and created significant surveillance blind spots.
- **Student behavior concerns:** The schools faced ongoing issues with student misconduct, including vaping and THC use in restrooms.
- **Bandwidth & scalability limitations:** The existing 10 G fiber network connected all schools to a central data center, requiring a solution that could effectively manage network bandwidth while providing a path for future expansion.
- **Lack of real-time emergency response:** Incidents occurred where police were called, but officers lacked real-time visibility and could not easily share data.

The Solution: A unified, cloud-managed ecosystem

2Krew leveraged the unified platform approach of Eagle Eye Networks and Brivo to deliver a state-of-the-art security system. The solution was designed around ease of use and a single-pane-of-glass management experience, enabling central administration and maximizing the existing network investment.

- **Unified cloud VMS and access control:** The district migrated to a single platform that allows users to manage both cameras and access control, tying events together for simplified investigations.
- **Hybrid cloud deployment:** To address bandwidth constraints and leverage existing fiber, a CMVR was installed on-site to record and upload to the cloud off-hours, minimizing network impact.
- **Proactive environmental monitoring:** Swift Sensors were integrated into the system and can send alerts so administrators can proactively identify smokers/vapers.
- **Emergency camera sharing:** Eagle Eye 911 Camera Sharing was enabled to provide 911 operators with real-time video access during an emergency.
- **Hardware upgrade:** Approximately 60 aging cameras were replaced with new Eagle Eye cameras to standardize quality, improve pixel density, and enhance overall video reliability.

The Results: Simplicity, safety, and future readiness

The strategic deployment by 2Krew provided immediate and long-term benefits, fundamentally changing how the district approaches security.

- **Unified management:** Greater ease of use and simple, central administration for both video and access control, drastically reducing administrative burden compared to the legacy system.
- **Proactive threat mitigation:** Swift Sensors successfully addressed vaping and air quality issues, enabling staff to proactively respond to incidents rather than investigate them only after the fact.
- **Instant emergency response:** 911 Camera Sharing integration provides law enforcement with real-time visibility during emergencies, enabling faster, more informed, and potentially life-saving responses.
- **Operational efficiency:** Facility managers gained independent access to Swift Sensors for non-security maintenance issues, such as freezer temperature alerts, expanding the platform's value across the organization.
- **Future-proofed security:** The cloud-based, flexible architecture allows the district to easily "bolt on" new, emerging technologies such as AI-based gun detection and crowd management analytics, ensuring the system remains relevant for years to come.

The partnership between 2Krew and Eagle Eye Networks has positioned New Kensington-Arnold as a model in proactive safety, providing peace of mind to the administration and community by future-proofing their security for decades to come.

