Intelligent Safety and Security

The next generation of campus video surveillance systems augment existing system capabilities with analytics and machine learning capabilities that offer additional safety and workflow improvements.

As the quantity of security cameras increases, the ability of security staff to actively monitor those cameras exponentially reduces. The use of machine-learning systems to review all camera feeds 24/7 increases campus safety and allows the camera system to be used proactively rather than forensically.

—ALEXIS FULLER, SENIOR STRATEGIC CONSULTANT

NEED

Video surveillance systems augmented with analytics and other workflow-support machine learning applications provide additional functionality and improve staff and patient safety on a campus. These systems can be configured to detect predetermined scenarios and alert security staff to potential issues so they can be proactively addressed.

BENEFIT

Analytics and machine learning systems enhance staff, patient, family, and visitor safety by providing continuous monitoring of all camera feeds throughout the hospital and alerting security staff to any detected situations. Staff satisfaction will improve as a result of the improved safety measures being provided, while the additional analytics and machine learning systems will provide workflow improvements that automate low-value tasks and manual reporting.

RISK

Industry-wide concerns regarding facial recognition include accuracy (the technology has not historically been 100% accurate) and diversity (the technology has shown inherent biases with ethnicity, race, and age) perspectives. In addition, facial recognition tends to generate "Big Brother" concerns for staff. This technology is improving and should continue to be monitored.

Value

HIGH

Staff Satisfaction

HIGH

Patient Engagement

LOW

Clinical Outcomes

LOW

Risk

MEDIUM

VANTAGE
Technology Consulting Group