

Arecont Vision® Megapixel Panoramic Cameras are a Class Upgrade at Butler University



- **Butler University chooses Arecont Vision® IP megapixel cameras for surveillance upgrade for a variety of wide open spaces on campus**
- **SurroundVideo® 180 and 360 degree and SurroundVideo® Omni panoramic cameras deliver improved coverage while reducing the number of cameras required**

Customer

Butler University is a liberal arts school situated in a residential area, five miles from downtown Indianapolis, Indiana. The University has an enrollment of approximately 4,500 students and offers over 60 major academic fields of study in six colleges.

Butler University's 300 acre campus includes more than 30 buildings as well as a 20 acre garden, an observatory, and water areas.

Challenge

All universities today are looking for ways to improve physical security in order to provide a safer, more secure environment for students, faculty, staff, and visitors. At Butler University, the administration believed that upgrading their existing video surveillance to a fully digital IP system with high resolution video surveillance cameras would help accomplish this goal.

The immediate need was to make improvements to the University's outdoor coverage, and longer term to increase indoor surveillance. Accomplishing these objectives

required the assistance of a knowledgeable system integrator – a partner who was experienced in providing IP megapixel solutions and a firm who could work hand-in-hand with multiple University stakeholders. For this, the University chose KST Security of Indianapolis.



Megapixel Solution

Butler University started the surveillance improvement project by evaluating various cameras and their capabilities to provide high quality images in an outdoor environment. The conclusion was that Arecont Vision[®] panoramic megapixel cameras delivered the best image details and, because of their 180° and 360° capability, would be the most cost effective solution. The many additional features standard in the Arecont Vision[®] megapixel cameras, such as motion detection, true day/night functionality, wide dynamic range, vandal-resistant housings, and remote focus/remote zoom, made the decision even easier.

Working with KST, school administrators next set out to develop and implement a deployment plan for the outdoor phase of the upgrade. As the project integrator, KST worked closely with Butler University's police and IT department personnel to ensure effective camera placements and integration with the existing exacqVision video management system (VMS) software.

Megapixel Benefit

The decision to implement Arecont Vision[®] panoramic megapixel cameras provided immediate system improvements for the university. Not only did the cameras provide outstanding picture quality of high traffic areas such as parking lots and student housing areas, but the cameras performed equally as well in the heavily wooded areas where walkways connect the main campus to the school's athletic facilities.

The 180- and 360-degree cameras continuously capture a much wider field of view than other camera choices and the school receives complete coverage with fewer cameras overall.

The Arecont Vision® cameras feature H.264 compression technology to dramatically reduce bandwidth over the school's fiber and copper transmission system. Video is captured at full motion and full resolution without compromising image quality at any point in the process. The open standards-based cameras easily integrate with the exacqVision VMS software.

“The improvement in the quality and performance of our video surveillance system with the Arecont Vision® megapixel cameras is incredible,” said Bill Weber, Assistant Chief of Police, Butler University. “The 360 degree views have made a tremendous difference in providing a safer and more secure campus.”



Based on the success of the outdoor camera installation, the school also installed Arecont Vision® panoramic megapixel cameras for indoor use.

Arecont Vision® megapixel cameras selected by Butler University were the AV12186DN and AV20185DN SurroundVideo® panoramic cameras and the AV12176DN SurroundVideo® Omni IP panoramic camera series.

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