

Security Installation Keeps Akron Safe

Using a combination of fiber optics, hardwired and wireless technologies, i2c Technologies of Uniontown, OH recently acted as lead integrator and installer for a turnkey Internet Protocol (IO) security system for the city of Akron, OH.

Located in northeastern Ohio, Akron has a population of 2,217,000 and represents a diverse community of 22 neighborhoods over 53 square miles. Once known as "The Rubber Capital of the World", Akron is fast becoming a global leader in the plastics and polymer industries.

In 2007 Akron Mayor Don Plusquellic announced a "7 Step Plan to Keep Akron Safe". One of the steps was to enhance the capabilities for integrated security to make policing more effective throughout the city, indoors and out. To that end i2c installed 64 IP cameras manufactured by Axis Communications of Chelmsford, MA integrated with ISONAS Security Systems' PowerNet IP Access Control system.

Using standard business class servers for recording and only requiring the Windows Server 2003 Operating System for full archive and camera support, video image recording and retention is supported by standard serial SCSI hard drives which are durable and designed for continual use. i2c's proprietary management software uses video compression technology that enables the system to produce full frame rate recordings (15 to 20 frames per second) for clear and fluid images.

The majority of the cameras are located in the Harold K. Stubbs Justice Center with installations in hallways, jail cells, waiting rooms, offices and court rooms throughout the 10-story building, powered by Power over Ethernet (PoE) with a single Cat 5e cable transmitting both data and power to the security devices.

ISONAS Security Systems' PowerNet IP Access Control reader-controllers are managed on the same servers that run the video system.

Security management personnel have the ability to filter archive video files in the database by proximity or keypad user names from access control historical data.

i2c also installed a neighborhood camera system supporting 2.5 mile viewing distances with full frame rate video capabilities in higher risk areas. The neighborhood cameras are wireless Axis 233 PTZ models placed in bullet-resistant, climate controlled housings connected to wireless subscriber units on poles.

The neighborhood cameras operate in a "grand tour" mode to scan the area with up to 100 preset positions. Additional deployments are planned, based on ongoing evaluations and assessment of the initial installation by the Akron Police Department.

The ability to combine i2c's state-of-the-art IP video technology with ISONAS' state-of-the-art access control systems is a part of an ongoing and integrated security project that will make policing more effective throughout the city of Akron.

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About i2c Technologies

i2c Technologies, located in Uniontown, OH integrates, customizes, installs and supports advanced IP Surveillance and Access Control Solutions. As a Total Solution Provider i2c offers feature-rich camera controls, sophisticated recording and archiving, and automated video alerts based on intelligent analysis and detection. i2c has the best open platform video surveillance system available, now fully integrated with the ISONAS PowerNet IP Access Control System. For more information visit www.i2ctech.com.

About ISONAS Inc.

ISONAS Inc. has been leading the security industry by changing the game in access control technology. ISONAS has raised the bar by being the first access control company to design and manufacture a cutting-edge, IP-to-the-door solution that eliminates needless complexity—including inconvenient control panels, separate power supply, and dedicated hard-wiring. Our network-based PowerNet™ reader-controllers offer a patented technology that easily integrates with Windows-based software to deliver more simplicity, greater value, and total flexibility to go places you never thought possible. With 25,000 readers installed worldwide across a broad range of vertical markets, ISONAS provides a proven IP solution that is revolutionizing the industry. For more information, visit www.isonas.com.