

Surveillance as a Service

Birmingham, AL

SCENARIO

Communities nationwide face budget constraints and recruitment challenges in the quest for public safety. The City of Birmingham partnered with Alabama Power on ways to use technology to address these challenges and enhance public safety in an economic, sustainable and scalable manner.

SOLUTION

Alabama Power worked with ISO Network, Axis Communications and Genetec to create rapidly deployable “surveillance bundles” that can be used for:

- + **Automatic license plate recognition**, alerting officials and first responders to stolen vehicles
- + **Paired audio analysis and video surveillance**, which allows public safety teams to first analyze a suspicious event by sound patterns—which protects an individual’s privacy—and then verify the event with video if needed
- + **Cameras at public rights-of-way**, giving emergency first responders relevant, accurate information as they approach a scene

Alabama Power and its partners designed the bundles’ power and data communications infrastructure to minimize connectivity challenges. Features include system health checks and remote support to notify operators of outages and reduce their duration.

RESULTS

Surveillance bundles are quick to deploy and offer new tools for deterring crime and keeping communities safe. For budgeting flexibility, public safety officials can procure them through a traditional purchase/ capital expenditure or as a service/operating expense.

