

## Case Study: City of Sandy Springs Traffic Management Center



### 1 THE CLIENT

Incorporated in 2005, the City of Sandy Springs is home to more than 100,000 residents and several global organizations. It's the seventh-largest city in the state of Georgia and is believed to be the first US city to contract private companies to perform the majority of its services in a public-private partnership model of government.

By 2008 the Sandy Springs Traffic Management Center (TMC) was created. The TMC began operations in less than six months at a converted retail store. As time progressed and the population grew, the need for a more modern, purpose-built city hall for all services became evident. During construction of the new \$229 million city hall, TMC staff determined their existing video wall technologies to be very limiting and too expensive to sustain.

### 2 THE CHALLENGE

The TMC wanted to upgrade their existing video wall management system for one that allows viewing and managing more than 100 IP cameras deployed city wide. The TMC cameras vary between manufacturer, model, resolution, and multicasting abilities which requires one system to seamlessly manage all video streams and devices at the operator level.

In addition, they wanted the ability to expand the system over time, achieve superb video quality, and visualize new content sources not previously available in the old system.

### 3 THE SOLUTION

The City of Sandy Springs TMC can now stream directly from 100+ cameras to their new 4x3 video wall which can easily be expanded to support more displays. Running CineNet software, the Alpha FX processor has the ability to display sources from other content types not previously available including, local cable TV, Apple TV, and real-time face-to-face video teleconferencing with engineers deployed in the field. CineNet's design allows for layouts to be created and modified at the basic operator level without time-intensive system coding. This approach allows the TMC to always have the exact layout required for any given scenario, even if it's happening for the first time.

Finally, operators can control the CineNet user interface from any City operator station within the TMC. The CineNet browser-based interface provides the flexibility the City of Sandy Springs needs to manage traffic conditions.