

CASE STUDY: CITY OF KANSAS CITY, MISSOURI: SMART CITY



THE TALENT BEHIND THE TECHNOLOGY



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BACKGROUND

Through a public-private partnership valued at more than \$15 million, the city of Kansas City, Mo., teamed with Cisco, Sprint, Xaqt and 11 other companies to build a Smart City program that will be used as a model for up to seven other U.S. cities. The Smart City infrastructure includes intelligent networking that can connect public services, such as street lighting, transportation services, water management, public safety and more. The city recently worked to roll out the first phase of the framework, which follows the two-mile streetcar corridor and includes public Wi-Fi and interactive digital kiosks along the route. The project includes capturing vast amounts of data through communication networks and wireless sensor technology to allow greater innovation and efficiency.



SITUATION

With many different stakeholders and priorities – and large amounts of necessary hardware and technology components – the City wished to not only document high-level business requirements but also closely manage implementation for those requirements, identifying those activities with highest priority and need.

SOLUTION

ECCO Select partnered with the city to assist with project planning and management of the Smart City initiative. The team oversaw the installation of the Wi-Fi and the Internet of Things (IoT) technology, and ECCO also managed the partnership and administered the contract with Sprint. Other tasks included:

- Coordinating design and design approval
- Providing stakeholder updates
- Building turnover packages
- Coordinating troubleshooting across vendors
- Managing scheduling issues
- Ensuring compliance on the kiosk content

RESULT

The city has completed phase I of the Smart City rollout and shared the first compilation of data in early 2017 with other cities and federal agencies. Live data – which includes information about traffic flow, parking availability and streetcar locations – is now available to the public online, allowing more residents to travel more safely and efficiently around the city. The city is also using the data to improve traffic and to help with predictive analysis for potholes.

Phase 2 is now underway, including installation of new fiber, 7,000 new light poles and energy-efficient LED lights, which will help pave the way for Wi-Fi and sensor connectivity.

The city was honored in 2017 with the Edison Award in the “Collective Disruption” category, which recognizes successful innovation projects around the country.