

CASE STUDY



City of San Jose, California

The TCS solution implemented for the City of San Jose represents a number of firsts related to wayfinding and parking guidance. This location signifies the first wireless city-wide implementation of a parking guidance solution and is one of the largest Wi-Fi implementations of variable message signage ever installed in North America. The system architecture features internally illuminated, stainless steel roadway signs with a combination of dynamic and variable message displays, for complete device control and real time monitoring. Wireless technology, custom design and an interface with a third party PARCS provider are perfect examples of how TCS is the provider of the most customizable parking solutions in the industry.

Installation Highlights:

- The first Ethernet/fiber-based wayfinding solution that spans the entire downtown area
- Wi-Fi backbone provides communication redundancy
- Monitors and facilitates wayfinding to 6 existing parking structures
- Monitors approximately 10,000 parking spaces daily
- Centralized control of 13 roadway signs in downtown San Jose
- Use of third party PARCS counting information
- The server resides behind the city's firewall with a workstation located at the traffic and transportation control center, and one at the parking control center.



Signs integrate flawlessly into the city street-scape.



Clear, easy to understand graphics make directing parkers to your facility simple. Notice the seamless integration of dynamic with variable message signs.

TCS
INTERNATIONAL

The City of San Jose uses TCS International's powerful counting software which includes preset statistical analysis and the ability to perform ad hoc queries. Reports are accessible via browser based access for immediate real-time system updates. Alarms and messages are updated real-time and can be delivered to a cell phone or PDA. All LED signs meet the highest standards including light intensity sensors based upon ambient light, and MBFT of 100,000 hours/10 yrs.

Technologies:

- parking guidance
- wayfinding
- variable messaging
- PARCS integration
- Ethernet/fiber communications
- Wi-Fi backbone



Real-time messaging provides up-to-the-minute system monitoring and availability notification.

About TCS

TCS International manufactures and designs intelligent parking guidance solutions. Real-time monitoring allows our customers to promote open spaces, and improve vehicle flow by reducing “cruising” which increases operator and customer satisfaction. Getting customers to their destination more quickly has the added benefit of reducing your facility’s carbon footprint. TCS conceptualizes, manufactures, and continually improves all of its products by harnessing over 100 years of direct industry knowledge found in its product development team. From wireless intelligent parking guidance systems, to automated parking management solutions, TCS provides end-to-end solutions to monitor and facilitate car egress for any facility.

