

CASE STUDY



Palazzo Casino, Las Vegas

The Palazzo Casino is one of the newest on the strip, and is known for developing the first five-story underground parking facility housing 3,200 spaces. To assure the easiest parking access for its customers, the casino turned to TCS to provide a state-of-the-art intelligent parking guidance system. The TCS solution includes 145 directional sensors, with 150 end of aisle and directory signs providing customers available space information fast and efficiently.

Installation Highlights:

- 145 ultrasonic directional sensors and 150 dynamic message signs
- Parking availability displayed on garage, level and end of each aisle
- Largest and first underground parking facility in Las Vegas with 3,200 spaces
- One of many casino installations for TCS International



End of aisle signage.



Level directory signage.



The Palazzo Casino 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:

- end of aisle counting
- dynamic message signs
- ultrasonic directional sensors
- use of existing communications infrastructure
- data resides in the PGS central server in central server room
- managerial reporting in the security office accessible through VPN connection to server



PGS server with level overview GUI in server room.

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.

