

That's the ticket! Chinese municipality uses VeriFone V^x 670 to increase revenue and oversee city parking

Due to its famous natural beauty and location in the eastern part of China, this Chinese city is also a huge tourist destination with tremendous parking challenges. The temperate climate and abundant cultural sites draw visitors from all over the country. The city proper covers 683 square kilometers, and the year-round citizen population tops 1.69 million people, with another 6 million in the surrounding area.

Customer profile: City Management Bureau of a Major Municipality

Business focus: Transportation

Headquarters: China

VeriFone solution: Contactless-enabled V^x 670 Wireless

Systems integrator: In-house



Challenge

Solve parking management challenges using WiFi to manage, supervise, collect payment and analyze parking data.

As a booming tourist destination with an expanding economy in textiles and technology, this growing Chinese city knew that the intricate nature of its parking problems needed untangling. With over 50,000 parking spots to manage, the municipal government turned to VeriFone's wireless solution using the V^x 670 to help supervise parking lot operations, collect fares, manage transactions and analyze data for future review. The existing infrastructure of the city enabled wireless signals to standardize the entire municipal parking network and solve its parking difficulties.

Solution

Use VeriFone's contactless-enabled V^x 670 secure wireless to manage all municipal parking lots.

The busy municipality was able to utilize the V^x 670 with built-in contactless module to manage all municipal parking lots in the city. The end-to-end wireless solution allows drivers to tap their city parking card on the V^x 670 upon entering the parking lot. The internal contactless module in the V^x 670 records the entrance time via the POS device. Next, the V^x 670 device deducts a prepaid amount and records the parking space number and vehicle number for administration records. When the car exits the parking lot, the POS records the exit time. If the parking period is over the prepaid amount, the driver is instructed to pay the balance.

The VeriFone V^x 670 with internal WiFi and contactless module is PCI PED approved and meets or exceeds all industry security standards. This safety is matched by its usability – the V^x 670 is the industry's smallest, all-in-one integrated payment system.

Accurate, real-time data analysis to retrieve payment from wayward drivers.

The wireless network transmits information such as parking time, the parking space number, prepaid amounts and more to the Parking Control Center. This information helps in collecting payment – if any car exits without paying its balance, a message is sent to the Control Center and the driver's information is passed on to the relevant department for penalty.

Result

The first implementation of the V^x 670 WiFi device with contactless application in China.

Using the V^x 670, the municipality was able to grow coverage of their parking lots to 30,000 spaces in just a few months, bringing them closer to their ultimate goal of 50,000. Two thousand wireless POS units were installed, allowing parking charges and the transaction settlement data to be made uniform. The supervision and service platforms were developed efficiently, accomplishing basic service and management requirements in record time. Finally, parking lot occupancies were being utilized with maximum efficiency, with a standardized payment, management and service system also convenient to drivers.

The Benefits of Working with the Leader in Wireless Payment Solutions:

VeriFone provides complete, market-ready solutions across a wide spectrum of industries desiring wireless payment options.

- Future-proof systems and hardware that have tremendous flexibility, incorporate modular design concepts and are based on open architectures
- Engineered to meet standards and certifications worldwide – EMV, 3DES, PCI PED
- Market-ready means VeriFone's wireless solutions have the flexibility to meet local requirements and specific business demands
- VeriFone's wireless products are certified and sold in over 90 countries worldwide and are certified with over 100 carriers



VeriFone's V^x 670

