



BLUE BAMBOO

simple. reliable. affordable.

BDtec leverages POS capabilities of Blue Bamboo's H50 wireless POS Terminal to provide valuable municipal services in southern Argentina.

ABOUT BDtec

BDtec designs and delivers systems and products from its base on the Rio Negro, and is best known for its development of innovative transportation payment systems.



THE CHALLENGE

Design and implement a transportation payment system allowing customers to pay for parking tickets and simultaneously allow parking attendants to give tickets electronically, and not through an error-prone paper-based system.



THE SOLUTION

After analyzing the needs of the local government and through partnerships with other firms, the "BDtec H50 terminal" was deployed for use with parking attendants in San Juan. Drivers were required to purchase a low price parking card from local kiosks to park within a section of the city. Parking attendants throughout this section were assigned to one or two blocks each, H50s in hand, to record and transmit license plate numbers to a centralized server for ticketing. After swiping a driver's card, a printout

could be made that displayed the parking length purchased, its cost, and the driver's remaining balance. Attendants could later check whether the parking time purchased had been exceeded by using their H50s to lookup any license numbers they came across.

Two ticket payment techniques were developed and tested with the help of the local officials; one in which drivers could pay their bills using SMS, and one in which payments could be made online. Both techniques required an identification number found underneath a scratch off region on the back of the card.

SUMMARY

With the adoption of Blue Bamboo's H50 terminal and simple to use STIP based SDK, BDtec was able to dramatically reduce the time needed to deploy its transportation payment solution by focusing on its key strengths. Today the parking solution implemented in San Juan is in use throughout Tierra del Fuego in southern Argentina. For experienced development services on the H50 please contact them at +54 9 2944 666 266 or jbellora@bdtec.com.ar.

www.bluebamboo.com