



Hong Kong International Airport [China]

Hong Kong International Airport is one of the most modern and busiest airports in the world. It is ranked among the Top 10 airports worldwide and frequented by more than 50 million passengers every year. Constructed on an artificial island off the north shore of Hong Kong's main island Lantau, the airport exceeds today's typical international hub airport in almost every respect. Hong Kong International Airport is soon to be a veritable "airport city" with attractions ranging from business parks to hotels, restaurants and cinemas to exhibition complexes and shopping malls. To meet the requirements of the "airport city" concept, which includes top service quality and the best innovations, Hong Kong International Airport employs future-oriented SKIDATA solutions.

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Project Details

Installation Date	December 2005
Operated by	Wilson Parking
Entrance Columns	42
Exit Columns	42
Automatic Payment Machines	7
Manual.Cash	11
Data Carriers	Barcode ticket, mag stripe card, keycard
Implemented Solution	Parking.Logic

The airport uses barcode tickets as well as magnetic stripe cards and HID data carriers as access media.

In addition to cash payments, the widely used “Octopus Card” is implemented. This RFID based electronic purse is used for public transport and can be topped up with cash value. It can be used for entering and exiting the car park, and parking fees are paid directly at the exit.

The implemented SKIDATA solution offers technological functionalities in all aspects. Open interfaces allow full integration of third-party applications such as third-party tickets, traffic guidance and surveillance systems.

For efficient management, all procedures at the car parks are centrally managed. These include back office tasks and the control of interfaced third-party equipment (such as traffic guidance and surveillance systems), which can be accessed and managed from the central control room. This arrangement not only saves costs, but also reduces reaction time in case a patron needs assistance or a system device requires technical attention.

Special Features

- Control room for central management of all devices and back office tasks such as reporting
- Integration of the locally popular “Octopus” payment card and Visa Express Payment “VEP” for cash free payment of parking fees
- Integration of license plate recognition system to avoid abuse of free parking periods (driving in and out again within a short period of time to avoid being charged)