



Abu Dhabi International Airport

United Arab Emirate

Abu Dhabi International airport is the gateway to the Emirate of Abu Dhabi, capital of the United Arab Emirates. The Airport is currently undergoing an ambitious expansion program. In their search to equip their state of the art new Terminal 3 car park they put their trust in Al-Falak, SKIDATA's Authorized Dealer in the UAE. SKYPARK was looking for a state of the art solution, integrating Parking Management (PMS) with Single Space Guidance and License Plate recognition. Making a shift from Exit Cashier payment to Pay-on-foot stations mend that a mentality shift had to be created with the parkers.

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Project Details

Installation	2009
Design, Installation and maintenance	Al-Falak Middle East LLC
Operated by	SKYPARK - ADAC
Attended Pay Stations	1
Automatic Payment Machines	8
Entrance Lanes	2
Exit Lanes	2
Parking spaces	1,650
System application	Airport Parking solution integrated with SSG and ANPR
Data carriers	Barcode Ticket, Key Cards and Mifare Cards

Special Features

- Integration between SKIDATA and Indect single space guidance system
- Integration between Skidata and Sagoss ANPR system
- Integration of EMV credit card solution on the Power.Cash
- Deployment of Bill-to-bill recycling solutions on the Power.Cash
- Integration of EMV credit card solution on the Exit Column
- Command Digital Intercom using VOIP technology
- Centralization of the control room
- Future refurbishment of airport car parks.

The deployed Power.Cash machines are the first in the UAE to be fitted with Bill-to-Bill recycling technology. This added feature reduces the number of manual interventions of the operator into the cash management.

Another First in UAE feature is the integration of and EMV credit card solutions in the Power.Cash and the Exit columns. The solution should upgrade the level of service to the parker and offer both user and operator an advanced level of security.

The ANPR system, another First in the UAE, serves the operator in two ways. It adds security and allows a complete audit trail of the vehicles entering the car park. It also prevents fraud by lost tickets or switching tickets amongst parkers. The ANPR system, supplied by Sagoss is fully integrated into the SKIDATA Parking.Logic management, allowing the entry and exit columns to talk directly to the cameras.

A Single Space Guidance (SSG) system, supplied by Indect, monitors every single bay within the car park and guides parkers efficiently to the empty spaces. An external VMS sign shows the number of available spaces and disabled spaces on every floor. This solution reduces the time parkers' room around the car park and optimized the usage of the available spaces. A technology that is beneficial to Parker, Operator and Environment.

Reducing the Ecological Footprint

- Usage of tickets from a renewable sources only.
- Reusing the ticket as a receipt.
- Recycling the used tickets collected from the exit.
- Reducing the power consumption of the system
- Offering all Documentation, Manuals in Digital Format.