

Ilco ATLAS™

(Advanced Technology Lodging Access System)



Overview

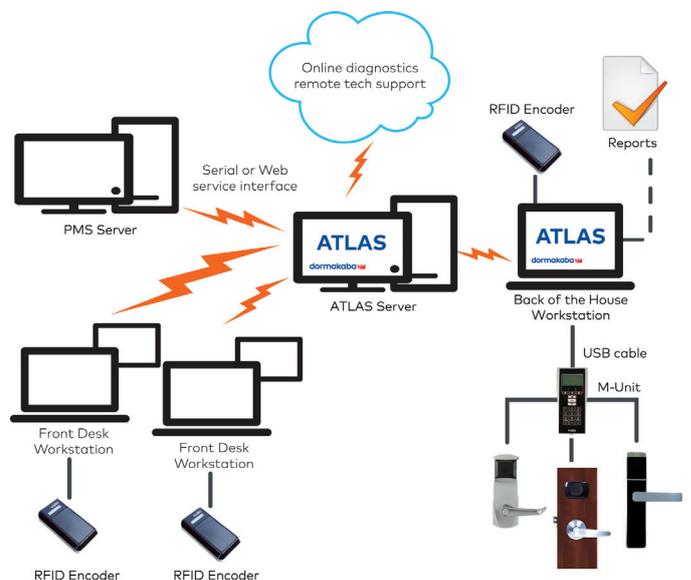
ATLAS provides complete access management control for your dormakaba system. A scalable solution that meets the needs of both small and very large hoteliers, it easily interfaces with PMS, self check-in kiosks and various third party solutions.

Compatibility

- Compatible with Confidant RFID, Q90, 790, 770, Generation E-760 and Solitaire 710/710-II locks
- Mobile access compatible
- RFID and Mag Stripe compatible
- Third Party Interfaces
- Reporting Library

Security Features

- Time-based access control system
- User selectable keycard expiry
- Proprietary and unique key card encryption per property installation
- System access through unique user credentials
- Extensive room access audit trail capabilities



System Features

Property Size	Maximum 16,000 rooms and 1,000 suites (maximum of 8 inner doors per suite)
Common Areas	8 guest and 16 staff common areas plus 64 additional common areas (V.3.1 with 790 V.2)
Restricted Areas	200
Staff Access Levels	5 Sub-Master levels per lock: 255 sections, 255 floors, 255 areas, 255 groups, 255 zones
Room# Description	64 characters (alphanumeric digits)
Keycards Validity	Selectable from one hour to 7 years
Pre-registered Guest	Keycards can be made up to 10 days in advance
Time Zone	Predefined time zones available for staff keycards in locks 8 customer defined time zones available for guest, staff & passage option in RAC card reader & 790-II
Keycards	Low/high coercivity track 1, 2 or 3 magnetic stripe cards or Mifare Mini, 1K or 4K RFID cards
Keycard Handling	Motorized or RFID encoder
Compatibility	POS and PMS
Windows Server	See minimum requirements below
Number of Workstations	50 maximum LAN/WAN
Workstation Browser	IE 6.0 and higher
Communication with Locks	Through the dormakaba M-Unit

Minimum Requirements (Server)

OS	Windows XP PRO, Vista Business (32 or 64 bits), Windows 2003 Server, Windows 2008 Server, Windows 7 Professional (32 or 64 bits)
Software	NET Framework 2.0, Web Server - IIS (Internet Information Services) Message queuing
Hardware	CPU – Dual core or above RAM – 2GB Serial port (for serial PMS only) The server must be on the hotel network with a static IP address.

Minimum Requirements (Workstation)

OS	Windows XP Pro, Vista Business, Windows 7 Professional
Software	Internet Explorer NET Framework 2.0
Hardware	CPU – P4 or above, RAM -1GB (recommended), Serial port (For serial PMS only) USB ports (for encoders) Important notice: Windows Home is not suited for network applications.
Network	Windows with name resolution: e.g. DNS Server

ATLAS Characteristics

Database	SQL-Server 2005 Express	
Reports (view and print)	System activities Lock audits Lock operations Database – Employee list	Database – Access point list Database – Operators list Operator login / logout
PMS Interface Connection	dormakaba serial interface Option: web service (XML/SOAP)	
POS Interface	ISO Standard for track 2 or specific RFID sector	
Employee ID	ISO Standard for track 2 or specific RFID sector	
Remote Management / Diagnostics	Downloadable App from client	
Encoders	Motorized encoder ILCO format Motorized encoder THRIFT format Contactless encoder (Mifare, ISO 14443)	
Maintenance Unit	dormakaba M-Unit	

Warranty

Standard Factory	Two years
Support Programs	dormakaba Service Plans (Platinum, Gold, Silver)