ATLAS | PDQ

NEW INTEGRATION | PDQ SPIRIT WIRELESS LOCKS

Wireless Locks. Native to Atlas.

The Atlas Access Control Ecosystem with Hybrid Cloud architecture now extends to the wireless locks. PDQ Spirit wireless locks connect to Atlas panels as a native device type via the PDQ Spirit Hub, over OSDP v2.2 secure channel.



NO APP | NO WIRE RUN | NO MIDDLEWARE COMMISSIONED FROM A BROWSER AND LIVE IN MINUTES

Many of today's most active access control opportunities — assisted living, student housing, and multi-family residential — call for dozens of interior doors where pulling cable is impractical or cost-prohibitive. With native PDQ Spirit support, dealers can now deliver those projects on a single **Atlas Access Control Ecosystem**: hardwired readers on the perimeter, wireless locks on the interior, all managed from one embedded web application and, optionally, from AtlasCloud.



PDQ Spirit Lock
BLE 4.2
Wireless lockset installed at the door

›



PDQ Spirit Hub
Wi-Fi / PoE LAN
Up to **6** locks per hub, OSDP over IP

›



Atlas Panel
OSDP v2.2 · ATLAS 4.7.0 or later
Each lock managed as a native sub-controller

›

AtlasCloud
(Optional)
Remote management, encrypted backup, Lifetime Warranty*

Local-first by design: hub-to-panel communication runs on the site network, so wireless doors keep operating even when the internet or cloud connection is unavailable.

No App

Locks are commissioned over BLE directly from the hub's own web interface. Nothing to download to a phone and no separate lock-management account.

No Wire Run

No cable to the door. Locks communicate wirelessly to a hub powered by PoE or 12–24 VDC — ideal for retrofits, finished walls, and interior suites.

No Middleware

"PDQ Spirit/OSDP" is a built-in Atlas device type. Enter a name, hub IP:port, and OSDP address — no gateway server or third-party software.

Built for Doors Where Wires Can't Go

Assisted Living
Resident rooms, med rooms, and staff areas secured without disruptive construction in occupied buildings.

Student Housing & Dorms
Credentialed access to every unit door, with semester turnover handled in software instead of rekeying.

Multi-Family Residential
Perimeter readers and in-unit wireless locks on one Atlas system, one user database, one audit trail.

Offices & Retrofits
Interior offices, IT closets, and suites where finished walls, glass, or historic fabric make wiring impractical.

Compete on Every Wireless-Lock Bid

Wireless-lock support is a standard requirement on residential, campus, and senior-living specifications, and competing platforms often require a second access-control system, a cloud connection/subscription, middleware, and/or credential technology lock-in. With native PDQ Spirit integration, **Atlas now meets that requirement head-on** —while keeping its core advantages: local-first Hybrid Cloud architecture, no mandatory subscription fees, NDAA compliance, and a Lifetime Warranty with AtlasCloud. **Pair it with an Atlas Kit** for the fastest path from quote to working system.

6	5	30	v2.2	PoE
Locks per Spirit Hub	Hubs per Atlas Panel	Locks per Atlas Panel	OSDP secure channel	or 12–24V DC hub power

atlasinfo@atlascloud.io | atlascloud.io | (862) 505-2101

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INSTALLATION & SPECIFICATIONS

Commissioned from a Browser. Live in Minutes.

1
WAKE IT
Press the button on top of the hub. A flashing LED ring opens a configuration session.

2
CONNECT IT
Join the hub's access point and place it on the site network over PoE Ethernet.

3
CLAIM IT
From the hub's Devices tab, select a discovered lock, assign a unique OSDP address, and click Connect.

4
ADD IT
In Atlas: Config → Hardware → Modify → Add PDQ Spirit/OSDP. Three fields and the lock is live.

Specifications

Hub part number	PDQ Spirit Hub, P/N SP90048
Lock radio	Bluetooth Low Energy (BLE 4.2), lock to hub
Hub network	Ethernet; DHCP or Static IP
Hub power	PoE or 12–24V DC
Panel protocol	OSDP v2.2 over TCP (default port 10001)
Security	OSDP Secure Channel; custom SCBK installed and transferred from Atlas
Capacity	6 locks per hub; 5 hub per Atlas panel; 30 lock per Atlas panel
Atlas firmware	ATLAS 4.7.0 or later
Atlas panels	Atlas 160, Atlas 260, Atlas 460 & Primary/Seconary configurations
Commissioning	Hub web interface — no mobile app required
Deployment	Size hubs and panels to the wireless door count; reserve a fixed IP for each hub
Door inputs	Door position and REX configurable per sub-controller, where the lock supports them

Hybrid Cloud, Local-First

- ✓ **Doors never wait on the cloud**
  Lock decisions are made at the Atlas panel over the local network.
- ✓ **One system, every door**
  Wired readers and wireless locks share one user database, one event log, and identical access logic.
- ✓ **AtlasCloud when you want it**
  Remote management, encrypted backup, and automatic firmware updates — optional, with RMR for the dealer.
- ✓ **No mandatory subscription**
  Sell outright, or attach AtlasCloud — the dealer decides.

VERIFIED OSDP™ · USA INSPECTED NDAA COMPLIANT · DESIGNED & ENGINEERED IN THE USA · LIFETIME WARRANTY* T&C APPLY

Atlas Kits : 2 & 4 Door Kit Options

Basic Kit



- Atlas Panel in a metal cabinet with ATL-PWR-1215 Power supply & battery charger - Ipc
- KR500E Mullion Mount 125kHz Prox card readers 125KHz -(2pcs/4pcs)
- Proximity Key Fobs - 50pcs
- CR20E: Card Enrollment Reader - Ipc

Core Kit



- Atlas Panel in a metal cabinet with ATL-PWR-1215 Power supply & battery charger - Ipc
- KR503H 125KHz - (2pcs/4pcs)
- HID Prox Cards Thick/Clamshell 125KHz - 25pcs

Elite Kit



- Atlas Panel in a metal cabinet with ATL-PWR-1215 Power supply & battery charger - Ipc
- VGI0CKQ-LHF - (2pcs/4pcs)
- AMT-BT BLE Mobile Credentials - 25pcs

*Lifetime Warranty covers eligible Atlas hardware while an AtlasCloud subscription is active. T&C apply. Specifications subject to change without notice. PDQ Spirit locks & hubs: PDQ Manufacturing · 717.656.4281 · help@pdqlocks.com · pdqlocks.com. PDQ & Spirit are trademarks of their respective parent company.