



## PIM400-485 (RS-485) integration for Schlage AD-400 locks

Controller: Sielox AC-1700  
 Controller firmware version: 19.35 or greater  
 Software name: Sielox Pinnacle Server  
 Software version: 10.0.2 or greater - Check with Sielox for any PC and OS requirements

### Overview

Schlage AD Series locks seamlessly integrate with Sielox Pinnacle Server to provide a cost effective and scalable access control solution to meet your security needs.

Schlage AD Series locks combine the components typically found around the door, such as the door position switch and the request to exit switch, into one unit which simplifies installation and saves money. And since they are designed to be modular, Schlage AD Series locks can easily be upgraded in the future to meet your changing security and technology requirements.

The AD Series is available in both hardwired and wireless configurations to suit the requirements of the facility. AD Series wireless locks provide many of the key benefits of a hardwired system including real-time monitoring, audit trails, centralized lockdown and instant access control management. In retrofit applications the Schlage AD Series wireless locks and devices, which eliminate the need to run wires direct to each opening, can help you extend the reach of your access control system.

Contact Sielox to determine any licensing requirements and for any additional details on features and credentials supported.

### Features

Number of RS-485 ports on controller	1
Maximum number of locks/devices supported by controller	32
Maximum number of PIM/GWE per RS-485 port	16
Maximum number of locks per Gateway/PIM	16
Remote linking capability via Host	Yes
Access control decision made by Host software or by lock database	AC-1700
Remote lockdown	Yes (<10 sec for one device or <20 sec for more than one device)
Real-time updates and event reporting	Yes
Firmware updates accomplished by ONR Over Network Reflash or via Mobile App/SUS	ONR Over Network Reflash supported



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**Supported Credentials**

PIN only	Yes
Card + PIN	Yes
Magnetic stripe credential	Yes
Multi-tech – 125 KHz proximity and 13.56 MHz smart credentials	Yes
PIV & PIV-I card compatible	Yes

**Status Monitors**

Request-to-enter	No
Request-to-exit	Yes
Door Position	Yes
Deadbolt position	Yes
Interior push button	Yes
Mechanical key override	Yes
Remote Lockdown/unlock	Yes (<10 sec for one device or <20 sec for more than one device)
Low battery status	Yes
Communication status	Yes

**Lock Function**

Classroom/storeroom	Yes
Privacy	Yes
Office	No
Apartment	No



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### Supporting Documents

- [Architecture Diagram](#)
- [Wiring Diagram 1](#)