Gateway (RS-485) integration for Schlage LE 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® LE and NDE locks with ENGAGE™ technology seamlessly integrate with the Sielox Pinnacle system to provide a cost effective and scalable access control solution to meet your security needs.

The Schlage NDE/LE wireless locks with ENGAGE technology are designed to be easy to install, connect, manage and use. Developed specifically for facilities that want to upgrade to electronic credentials for improved security and efficiency, it is ideal for interior office doors, common area doors and sensitive storage spaces using NDE on cylindrical door prep and LE for Mortise lock prepared doors.

The LE and NDE locksets send real-time card transactions through the ENGAGE Gateway to the Sielox 1700 controller. The transaction is then validated within the 1700 controller based on access level, time zone and holiday schedules, then the door lock releases allowing entry. The LE/NDE/Sielox integration also supports door position status reporting, emergency lock-down and even provides real-time battery status. The Sielox/LE/NDE solution allows the user to mix and match any combination of up to 32 Schlage LE/NDE, AD-400 and AD-300 locks through a single Sielox 1700 controller.

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	10
Remote unlinking capability via Host	Yes
Access control decision made by Host software or by lock database	Sielox 1700 Controller
Remote lockdown	Yes (<5 sec)
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

Multi-tech – 125 KHz proximity and 13.56 MHz smart credentials	Yes
PIV & PIV-I card compatible	No

Status Monitors

Request-to-exit	Yes
Door Position	Yes
Deadbolt position	Yes
Interior push button	Yes
Remote Lockdown/unlock	Yes (<5 sec)
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

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