



VANDERBILT

## Integrated security solution

with NDE Series wireless locks featuring ENGAGE™ technology and Security Management System (SMS)



### Overview

Schlage® NDE Series locks with ENGAGE™ technology seamlessly integrate with the Vanderbilt Security Management System (SMS) to provide a cost effective and scalable access control solution to meet your security needs.

The Schlage NDE Series wireless lock with ENGAGE technology is 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 with a cylindrical door prep.

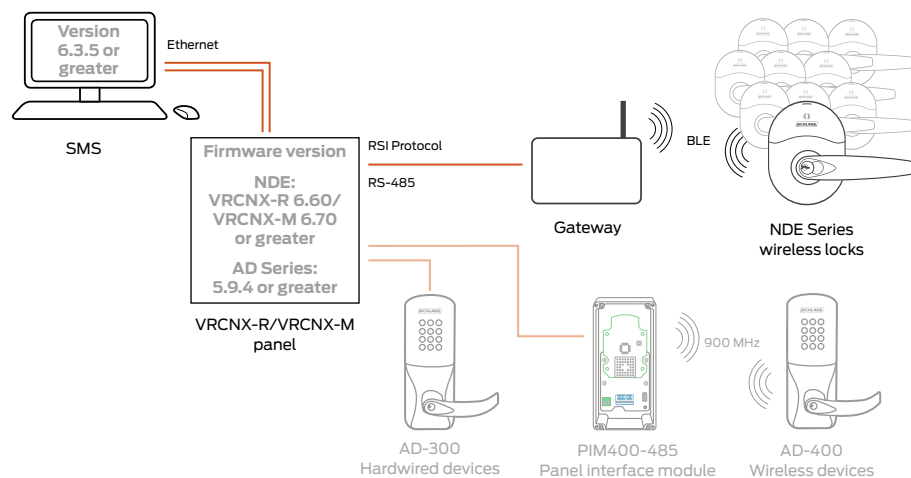
SMS delivers a fully integrated access control solution including alarm monitoring, photo ID badging and video surveillance. It's perfect for large, multi-site or global organizations and provides you with an unparalleled level of flexibility by supporting an unlimited number of users, readers, credentials and other devices. We make it affordable by including multiple modules such as badging, visitor management and reporting in a single software package. Further accelerate your ROI by combining SMS with Schlage's AD Series electronic locks in addition to the NDE lock.

### System Capabilities Summary

- Multi-technology reader (125 kHz proximity and 13.56 MHz smart)
- AES-256 bit encrypted
- Classroom/Storeroom function
- Cylindrical chassis
- Compatible with major brands of key systems
- Powered by four (4) standard off-the-shelf AA batteries
- ANSI/BHMA A156.25, ANSI/BHMA Grade 1, UL 294, UL10C, FCC Part 15, ADA, RoHS, Industry Canada (IC)

## NDE Series locks via Gateway (RS-485) with SMS and VRCNX-R/VRCNX-M panels

- VRCNX-R/VRCNX-M panel supports up to 16 NDE locks total
- VRCNX-R/VRCNX-M panel supports a maximum of 8 gateways per RS-485 port
- There are 2 ports on each VRCNX-R/VRCNX-M panels
- Gateway capable of supporting up to 10 NDE locks up to 100' wireless range



Note:

Please refer to NDE Series locks and ENGAGE Gateway data sheets for complete specifications.

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## System capabilities:

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NDE Series locks via Gateway (RS-485)

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### Features

Maximum number of locks supported by controller	16
Maximum number of locks supported via network access	N/A
Maximum number of gateways per controller/Host	16 or 8 per RS-485 port
Maximum number of NDE locks per gateway	10
Access control decision made by Host software or by lock database	Host
Remote linking capability via Host	Yes (using Vanderbilt Discovery Tool)

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### Credentials

Multi-technology - 125kHz proximity and 13.56 MHz smart credentials	Yes
PIV & PIV-I card compatible	No

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### Status monitors

Request to exit	Yes
Door position	Yes
Mechanical key override	N/A
Request to enter	N/A
Low battery status	Yes
Communication Status BLE/RS-485	Yes
Remote lockdown/unlock	Yes (<5 sec)
Interior push button	N/A

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### Lock functions

Classroom/storeroom	Yes
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### Licensing

Please contact Vanderbilt to determine licensing requirements

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Please contact Vanderbilt for additional details on integrated features and credentials supported.

#### Supported card formats

##### Proximity cards (125 kHz):

- AWID®
- GE/CASI®
- HID®
- Schlage®
- XceedID®

##### Smart cards (13.56 MHz):

- aptiQ® MIFARE Classic
- aptiQ MIFARE DESFire™ EV1

##### Smart cards (13.56 MHz) - reads card serial number only:

- HID iCLASS®
- DESFire®
- MIFARE®
- MIFARE DESFire™ EV1

## Finishes

Standard cylinders shown, SFIC and FSIC also available.



619 - Satin nickel



626 - Satin chrome



626AM - Satin chrome  
with antimicrobial



625 - Bright chrome



643e - Aged bronze



605 - Bright brass



606 - Satin brass



612 - Satin bronze

## Lever styles



Athens



Rhodes



Sparta

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### About Allegion

Allegion (NYSE: ALLE) is a global pioneer in safety and security, with leading brands like CISA®, Interflex®, LCN®, Schlage®, SimonsVoss® and Von Duprin®. Focusing on security around the door and adjacent areas, Allegion produces a range of solutions for homes, businesses, schools and other institutions. Allegion is a \$2 billion company, with products sold in almost 130 countries. For more, visit [www.allegion.com](http://www.allegion.com).

aptiQ ■ LCN ■ SCHLAGE ■ STEELCRAFT ■ VON DUPRIN



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