



# Standalone Access Control Solution

*SMS Express and AD-200,  
CO-200 or CT5000*

Schlage's standalone access control solutions deliver the convenience and efficiency you desire at a fraction of the cost of a networked system. With the Schlage SMS Express solution, system installation, set-up and management are a breeze. And, if you decide in the future that you need real time access control, alarm monitoring, visitor management or video recording – Schlage offers a selection of powerful online integrated solutions to fit your budget.

Save even more time and money on installation with AD-Series and CO-Series electronic locks. Their innovative integrated design combines components typically found around the door, such as the credential reader, request-to-exit switch and door position switch. Therefore there are no wires to run and labor is greatly reduced. An easy-to-use handheld device transfers information from the system to the lock. The handheld device can also be used to retrieve audits from devices.

Need help deciding between the AD-Series and CO-Series? The AD-Series is the ideal solution if you want flexibility. The modular design of the AD-Series allows you to upgrade from standalone to networked if your needs change in the future. The AD-Series also allows you to upgrade credential readers. The CO-Series is preferable if you do not expect your needs to change. CO-Series options are factory orderable rather than upgradable like the AD-Series.

For applications that require an around-the-door solution, the CT5000 offline single opening controller is available. It is an ideal solution for narrow stile applications because it can support up to two separate Wiegand readers as well as interface with peripheral devices such as automatic operators, electric strikes, and electromagnetic locks. If networked functionality is required in the future, the CT5000 can be upgraded to a WRI400.



## **SMS Express**

- Supports up to 2000 Users/Audits with 50 Locks or 1000 Users/Audits with 100 Locks
- Supports up to 8 times zone and up to 16 holidays
- Set up to 16 auto unlock schedules per system (up to 8 per lock)

## **AD-200**

- Upgradable credential and communication modules
- Available with choice of keypad, magnetic stripe, proximity (125 kHz), smart card (13.56 MHz) and multi-technology readers (reads both 125 kHz and 13.56 MHz)
- All card readers available with keypad for dual authentication (card + PIN)
- Classroom/Storeroom, Office, Apartment and Privacy functions
- UL 294 listed and ANSI/BHMA A156.25 Grade 1 certified

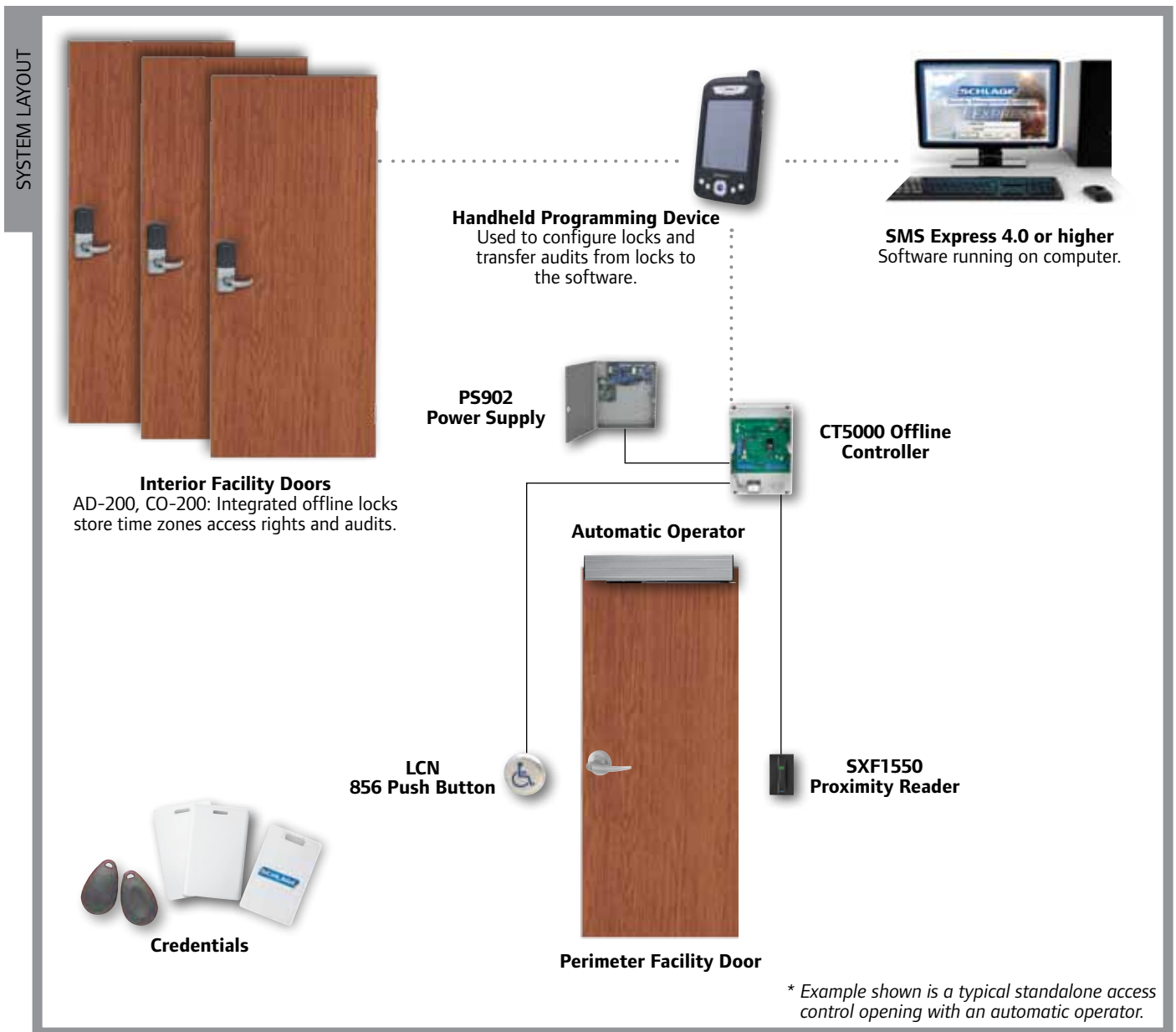
## **CO-200**

- Available with choice of keypad, magnetic stripe and proximity readers (125 kHz)
- All card readers available with keypad for dual authentication (card + PIN)
- Classroom/Storeroom, Office and Privacy functions
- UL 294 listed and ANSI/BHMA A156.25 Grade 1 certified

## **CT5000**

- Supports up to two Wiegand reader inputs
- Has three form C relay outputs for strike, auxiliary and alarm
- Can be upgraded to WRI400 if networked capability is required in the future
- UL 294 listed

## System Diagram



## Benefits

- Cost-effective, simple means of controlling access within your facility.
- Online solutions available if your needs should change.
- New users or access points can be entered into the system in seconds.
- Comprehensive reporting on audit trails retrieved, access attempts, etc.

## Complete Your System

- The Schlage Utility Software (SUS) on the Handheld Programming Device (HHD) provides an easy way to retrieve audits and transfer information between your access control software and electronic locks.
- The combo proximity keyfobs with iButton® option is available which allows you to manage proximity and iButton® technologies in the same facility.
- Schlage offers many contactless, keypad and magnetic stripe readers that are compatible with the CT5000.
- We offer a complete portfolio of credentials including smart, proximity and magnetic stripe. Multi-technology credentials are also available.



Readers and Credentials



Combo iButton® & Proximity Keyfob

## System Capabilities:

SMS Express** Standalone/Offline Solutions	Offline Controller		Integrated Standalone Electronic Locks			
	CT5000*		CO-200		AD-200	
<b>System Capacity</b>						
Number of Doors	50	100	50	100	50	100
Number of Users/Audits	2000	1000	2000	1000	2000	1000
Holidays	16					
1st Person In	Yes					
Time Zones	8					
<b>Readers</b>						
Keypad Only	Yes					
Magnetic Stripe Card	Yes					
125 kHz Prox Card	Yes					
13.56 MHz Smart Card	Yes (aptiQ™ smart cards)	No	Yes (aptiQ™ smart cards)			
Multi-Tech - 125 kHz Prox & 13.56 MHz Smart Card	No			Yes (aptiQ™ smart cards)		
PIV II (FIPS 201) Card	No					
Card + PIN	Yes (3-6 digit PIN)					
<b>Status Monitors</b>						
Request to Exit	Yes - Locally		No			
Door Position Switch	Yes - Locally		No			
Mechanical Key Override (ATK)	No		Yes - Software			
Battery Status (Normal, Low, Critical)	N/A		Yes - SUS			
Battery Voltage Level	N/A		Yes - SUS			
Remote Release	Yes - Locally		No			
<b>Lock Functions</b>						
Classroom/Storeroom	N/A		Yes			
Office/Toggle	N/A		Yes			
Privacy	N/A		Yes			
Apartment	N/A		No	Yes		
<b>Credential Attributes</b>						
Normal Credential	Yes					
Toggle Credential	Yes					
Pass Through Credential	Yes					
Visitor/One Time Use Credential	Yes					
Freeze Credential	Yes					

### Supported Proximity Card Formats in SMS Express:

- 26-bit standard format
- 34-bit Geoffrey/Schlage
- 35-bit XceedID® (site code and Badge ID compatible with C-1000, parity calculated differently)
- 36-bit XceedID®
- 37-bit XceedID®

### Supported Smart Card Formats in SMS Express; aptiQ Smart Cards Only:

- 26-bit standard format
- 34-bit Geoffrey/Schlage
- 40-bit XceedID®

### Legend

Yes-Locally: This capability is available locally at the controller

Yes-Software: This capability is monitored and reported in the SMS Software audit

Yes-SUS: This capability is monitored by the SUS

\* CT5000 is an offline single opening controller that can support up to two separate Wiegand reader inputs; grid references system capacity of access control software-- this may be limited by choice of reader.

# AD-Series & CO-Series Compatibility

## Lever styles

Standard cylinders shown, SFIC and FSIC also available.



Sparta



Rhodes



Athens



Tubular

## Warm tone finishes



605  
Bright Brass



606  
Satin Brass



612  
Satin Bronze



643e  
Aged Bronze

## Cool tone finishes



619  
Satin Nickel



625  
Bright  
Chrome



626  
Satin Chrome



626AM  
Satin Chrome  
with Antimicrobial

## Cylinder Compatibility

Key-in-lever design accepts many popular models of standard, SFIC and FSIC cylinders.

Cylinder Compatibility	Full Size (key-in-lever 6 pin)	Full Size (key-in-lever 7 pin)	FSIC (6 pin)	SFIC (6 & 7 Pin)
Schlage	●		●	●
Falcon®	▲	◆		▲
Sargent® (10L + 11L Full Size)	▲		▲	▲
Corbin Russwin®			▲	▲
Yale® (also includes Medeco 31 *0100 FSIC)			▲	▲
Best®				▲

● = with cylinder or less cylinder options

▲ = less cylinder only

◆ = less cylinder only, only with  
Sparta and Rhodes levers

Note: See pricebook for specific configurations.

## Exit Device Compatibility

Exit trim utilizes universal hardware to simplify installation of offline trim to a variety of exit devices

Exit Device Compatibility		Rim	SVR	CVR	Mortise
Von Duprin®	98/99 and 98/99XP	✓	✓	✓	✓
Von Duprin®	22/22F	✓	✓		
Falcon®	25	✓			
Corbin Russwin®	5000	✓			
Precision™	21	✓			
Yale®	7000	✓			
Dorma®	9300	✓			
Sargent®	80	✓			

### Available AD-Series Reader Modules

- Proximity
- Smart Card
- Multi-Technology
- KEYPAD

- Proximity
- Smart Card
- Multi-Technology

- Magnetic Stripe
- KEYPAD

- Magnetic Stripe

- Magnetic Stripe (Swipe)
- KEYPAD

- Magnetic Stripe (Swipe)

- Keypad

### Available CO-Series Readers

**Keypad:**  
Available with  
CO-100 & CO-200

**Proximity:**  
Available with  
CO-200

**Proximity + Keypad:**  
Available with  
CO-200

**Magnetic Stripe (Swipe):**  
Available with  
CO-200 & CO-250

**Magnetic Stripe (Swipe) + Keypad:**  
Available with  
CO-200 & CO-250

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