

LONG-RANGE ACCESS CONTROL USE CASES



RANGER[®] **LONG-RANGE** ACCESS CONTROL ID SOLUTIONS

- Gated Communities
- Highrise Apartments
- Office Buildings
- Industrial Facilities



CONTROL ACCESS FROM UP TO **200 FEET** (61 METERS) AWAY!

Ranger Receivers and Transmitters comprise Farpointe Data's long-range radio frequency identification (RFID) solution. Operating at a frequency of 433-MHz, Ranger offers exceptionally long transmission ranges of up to 200 ft* (61 m).

Additionally, each Ranger Transmitter may also be embedded with a 125-kHz proximity or 13.56-MHz contactless smartcard module, allowing each Transmitter to be used as a traditional, presentation-style access control credential—just like a standard access card.

Ranger enhances a variety of security applications:

- Parking access
- Building entrances
- Elevator call
- Alarm activation
- Dock and marina gates
- And more!



WRT-4+
Transmitter



WRR-44
Receiver

RANGER® LONG-RANGE
ACCESS CONTROL ID SOLUTIONS


Farpointe Data®
Readers • Credentials

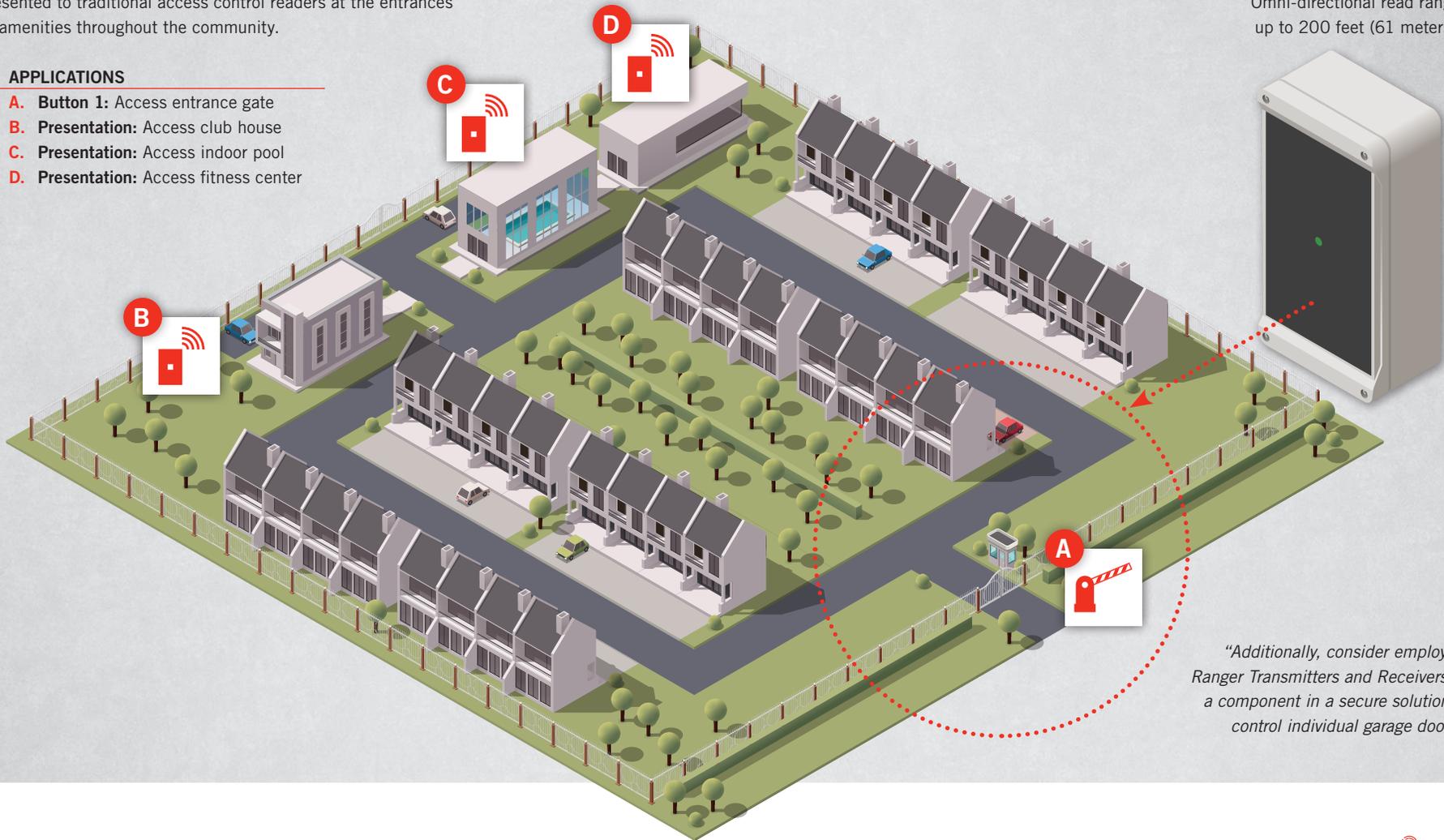
GATED COMMUNITIES

The **Ranger WRR-44 Receiver** is installed at the gated entrance to the community. The **WRT-4+ Transmitter** can activate the entrance gate with a push-button, and with an embedded proximity or smartcard module, it can be presented to traditional access control readers at the entrances to various amenities throughout the community.



APPLICATIONS

- A. Button 1:** Access entrance gate
- B. Presentation:** Access club house
- C. Presentation:** Access indoor pool
- D. Presentation:** Access fitness center



READ RANGE/COVERAGE
Omni-directional read range
up to 200 feet (61 meters)



"Additionally, consider employing Ranger Transmitters and Receivers as a component in a secure solution to control individual garage doors."

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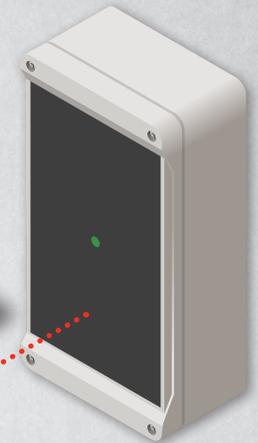
HIGHRISE APARTMENTS

The **Ranger WRR-44 Receiver** is installed at the entrance to secured, underground resident parking. The **WRT-4+ Transmitter** can activate the entrance gate with a push-button, and with an embedded proximity or smartcard module, it can be presented to a traditional access control reader at the elevator to access the building.



APPLICATIONS

- A. Button 1:** Access underground parking
- B. Presentation:** Access elevator/entrance (presented to traditional reader)
- C. Buttons 2, 3 and 4:** Elevator call



READ RANGE/COVERAGE
Omni-directional read range up to 200 feet (61 meters)

"Ranger Transmitters and Receivers may be used in a system allowing residents to touchlessly call a specific elevator, and then deliver them conveniently to their exact floor."

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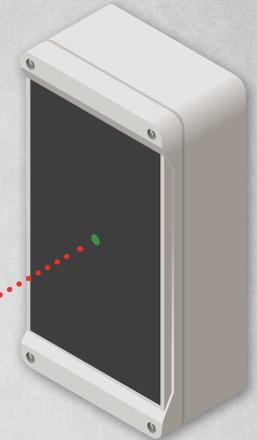
OFFICE BUILDINGS

Installed safely and securely inside a server room, IT closet, or other area of an office, the **Ranger WRR-44 Receiver's** omni-directional range can reach interior and exterior doors from inside the building. A single **WRT-4+ Transmitter** can initiate access on four individual doors.



APPLICATIONS

- A. **Button 1:** Access front entrance/lobby
- B. **Button 2:** Access employee entrance
- C. **Button 3:** Access server room
- D. **Button 4:** Access shipping area
- E. **Presentation:** Access roll-up door



READ RANGE/COVERAGE
Omni-directional read range
up to 200 feet (61 meters)

"Install Ranger WRR-44 Receiver high on the wall to maximize read-range performance. If longer read range and/or directivity is desired, consider use of a separate, external antenna."

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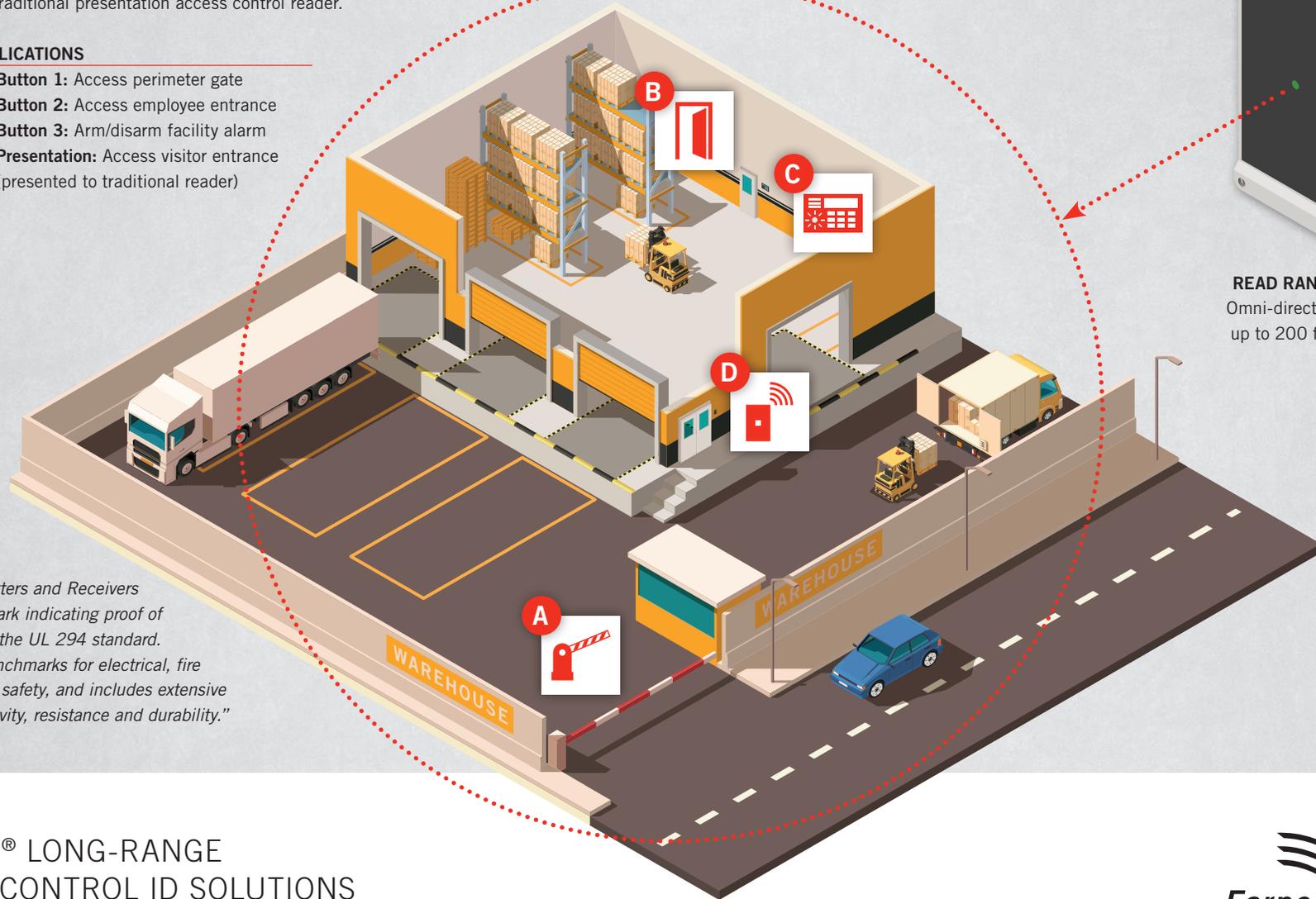
INDUSTRIAL FACILITIES

The **Ranger WRR-44 Receiver** can be installed inside a facility for security and protection, as its omni-directional range can reach all access controlled points inside and out. Supporting the electronic access control system, a single **WRT-4+ Transmitter** easily activates up to four individual applications—such as gates, doors, and alarms—plus, with an embedded 125-kHz proximity or 13.56-MHz smartcard module, it can be presented to a traditional presentation access control reader.



APPLICATIONS

- A. Button 1:** Access perimeter gate
- B. Button 2:** Access employee entrance
- C. Button 3:** Arm/disarm facility alarm
- D. Presentation:** Access visitor entrance (presented to traditional reader)



READ RANGE/COVERAGE
Omni-directional read range
up to 200 feet (61 meters)

“Ranger Transmitters and Receivers carry the ETL mark indicating proof of conformance to the UL 294 standard. UL 294 sets benchmarks for electrical, fire and mechanical safety, and includes extensive testing for longevity, resistance and durability.”

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ADDITIONAL RANGER RESOURCES

	Technical Data Sheets	Quick Start Guides
	<u>WRR-22 Receiver</u>	<u>WRR-22 Receiver</u>
	<u>WRR-44 Receiver</u>	<u>WRR-44 Receiver</u>
	<u>WRT-2+ Transmitter</u>	<u>WRT-2+ Transmitters</u>
	<u>WRT-4+ Transmitter</u>	<u>WRT-4+ Transmitters</u>
Reference Documents		
<u>External Antenna Reference Document</u>		
<u>Transmitter Reference Document</u>		

**Learn how Ranger might fit into your next
access control installation or system upgrade.**
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The OEM's global partner for premium RFID solutions

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