**SYSTEM OPERATION**

Door is normally closed and secured by an electrified lockset.

**Emergency Override:** The door may be accessed by key override.

**Authorized Access:** Presenting a valid card or entering a valid user code on the reader will momentarily unlock the door for access. The unlock time will be configured by the access control programming. The door may also be programmed for maintained access.

**Authorized Egress:** Free egress is available at all times by turning the inside lever, retracting the latchbolt, and opening the door.

**Low Voltage:** System is powered by a regulated & filtered power supply with 12VDC output for access control equipment and 24VDC output for locking hardware to maximize efficiency. Loss of power will result in unsecure door, unless equipped with optional battery back-up.

**IP-based Access Control:** User-friendly programming interface via a built-in web server, accessible from any networked PC.
NOTE: ALL WIRING MUST BE REVIEWED AND APPROVED BY THE PROJECT ENGINEER ASSIGNED TO THE LOCATION FOR ITS CORRECTNESS AND SUITABILITY FOR THE APPLICATION IN WHICH THE EQUIPMENT IS INSTALLED AND OPERATED. ALL WIRING MUST CONFORM TO NATIONAL, STATE, AND LOCAL CODES FOR CLASS 2 FIRE PROTECTION AND CONTROL DEVICES.

SYSTEM COMPONENTS:

1. 602RFX12VR – 1 Amp Regulated Power Supply w/ Fire Alarm Interface & 12VDC Output Module.
2. IPDCE – IP Pro™ Single Door Controller
3. Choose (1) Card Reader:
   - IPRW – Indoor/Outdoor Proximity Card Reader
   - 920PW – Single Gang Indoor/Outdoor Proximity Card Reader w/ integral Keypad
   - 923PW – Frame mount Indoor/Outdoor Proximity Card Reader w/ integral Keypad
4. Choose (1) Electric Strike:
   - 45-A – Universal Electric Strike for use with locksets having up to 3/8” latchbolts, UL Listed, 630 Series Strike, 24VDC Configuration
   - 55-AU – Universal Heavy-duty Grade 1 Strike for cylindrical locks, mortise locks without deadbolts and mortise exit devices
   - 25-4U – Low-Profile Electric Strike, 630 Series Strike, 24VDC Configuration
5. RB12V4-2 – Two 5 Ah 12VDC Backup Batteries (Optional)
6. HID1346-10 – Ten Proximity Key Fobs (Optional)

*To protect against inductive kickback, MOV must be installed as close to strike as possible. MOV included with IPDCE and strike.