



The Isotec Security Safety Entrance is classified as a delayed egress system that is fully compliant with IBC Code section 1008.1.9.7 as well as NFPA Life Safety 101 section 7.2.1.6.1.

The following scenarios are the standard and configurable exit modes for Isotec Security's Safety Entrance systems. The configurable modes are password protected and are preset at the factory:

- 1) **Normal Exit.** Exit lane is empty and doors closed. C door (the interior door) is unlocked and D door (the exterior door) is locked. Person opens C door and enters lane. C door closes and locks. Person walks to D door, and D door unlocks. Person exits lane.
- 2) **C or D door held open.** If either the C or D door is held open for a selectable time (typically 15 seconds), the other door will automatically unlock, allowing free exit.
- 3) **Person disabled in lane.** If a person goes into the exit lane and the C door closes, and then becomes disabled, the system will automatically unlock the D door after a selectable time (typically 15 seconds).
- 4) **Timed Emergency Egress:** If equipped with the optional Emergency Egress system, the lane is equipped with red button(s) at the interior side of the C and D doors, labeled Emergency Egress. If either buttons is pressed, after a 15 or 30 second delay, both C and D doors will unlock and remain unlocked until reset. This function is controlled by a UL rated electronic circuit separate from the normal portal electronics, for extra redundancy.
- 5) **Manual Override:** The system can be unlocked completely (all doors unlocked) by the software controlled System Override symbol on the operator console, by the hardwired System Override switch on the back of the console, or by the hardwired key switch on the front of the Safety Entrance.
- 6) **Power Failure:** If power to the system is lost, all doors unlock.
- 7) **Fire Alarm:** If a fire alarm output is provided to the safety entrance, all doors will unlock immediately. Other devices can also be connected to this input in series such as a seismic detector or smoke detector.