Door Access Sequence (what is supposed to happen with a functioning reader and door)

- Controller board initiates an unlock as a result of one of these:
  - card tap
    - card tap tells control board to request permission from Transact
    - if Transact denies access, red denied light is turned on for a few seconds
    - if Transact allows access, green light is turned on followed by the unlock sequence below
  - request to exit signal via a crash bar, button, or other method
  - door state schedule indicates the door should be unlocked at this time

- Unlock sequence:
  - control board relay tells the lock power supply to change power state to the lock
  - if unlock is NOT due to a door state schedule change:
    - if door has position sensor, the lock is re-engaged once the sensor indicates the door is open
    - if door does NOT have position sensor, a timeout occurs before and the lock is re-engaged

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