

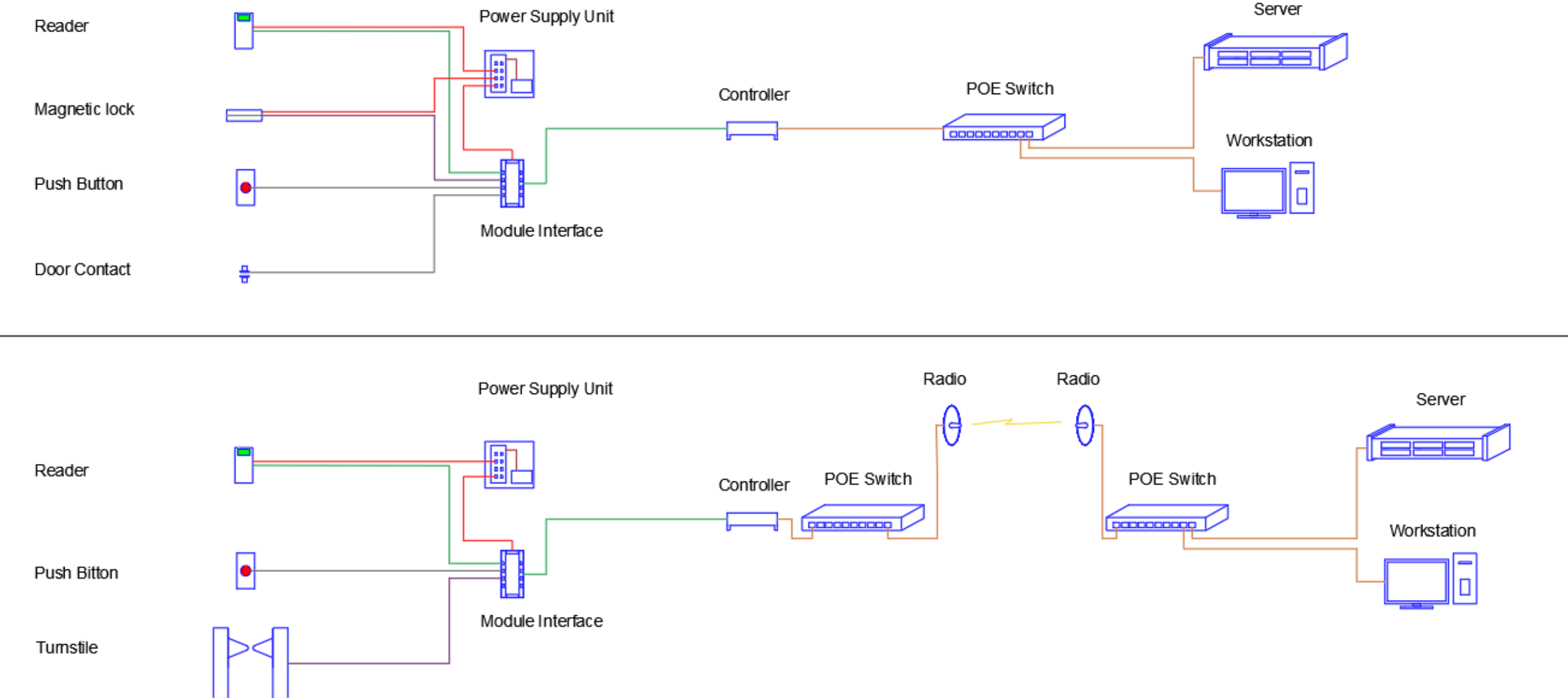
Access Control System

Simplified Diagram

Created By: Rowell Aceron – DES Manager

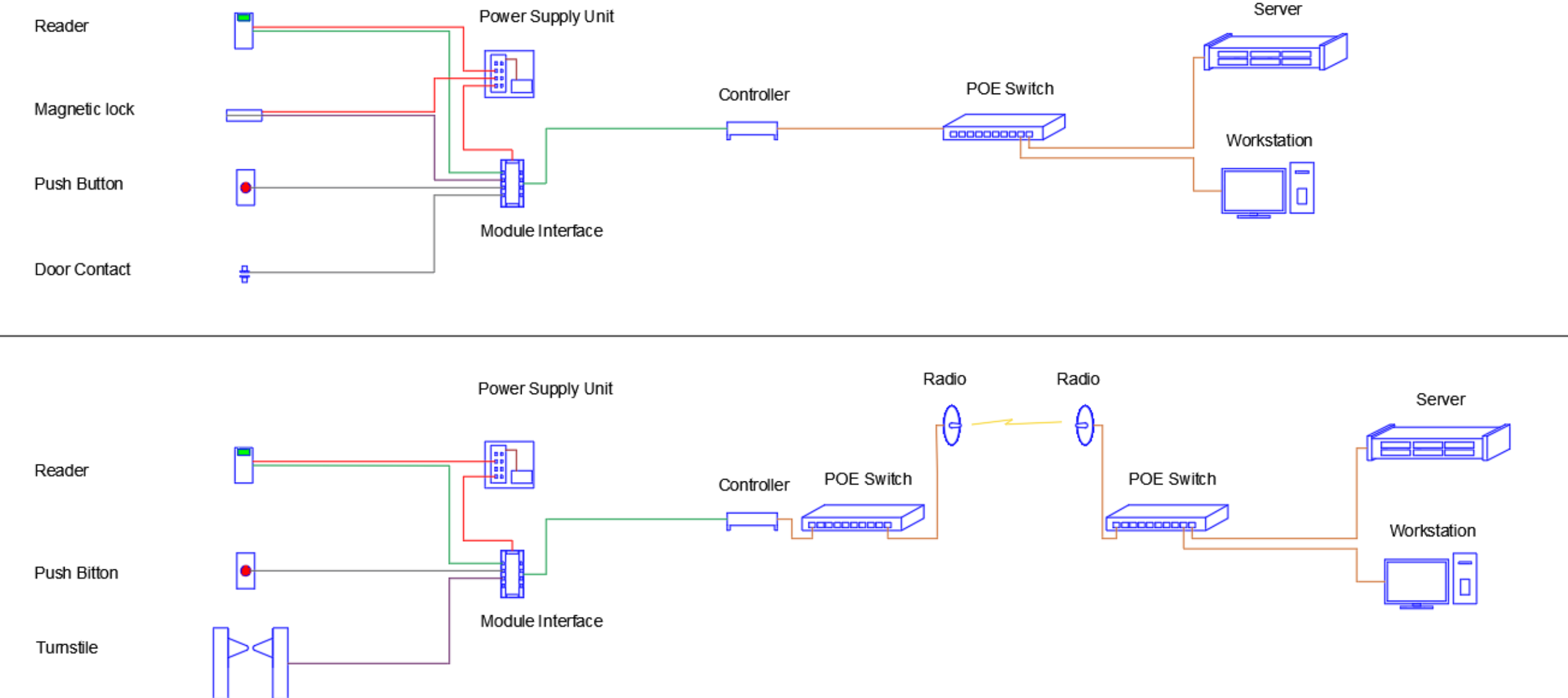
Access Control Connection

- TF Wire for Power
- STP Cable for Readers – Modules - Controller
- THHN Wire for Input Devices
- UTP / LAN Cable for Network / Wireless network
- THHN Wire for Output Devices



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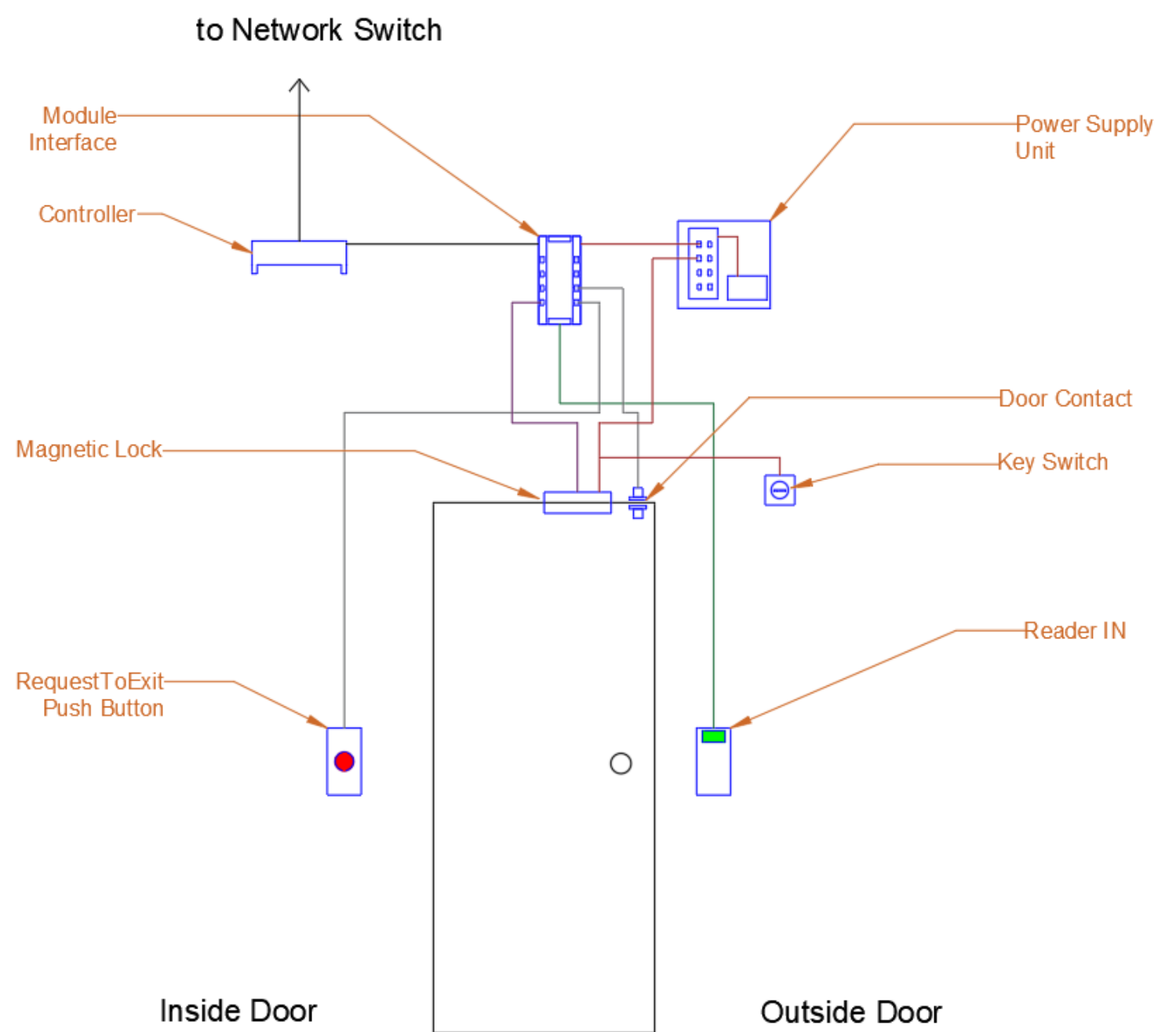


Access Control Hardware

Single Door Configuration

Door Configuration

- 1 x Magnetic Lock
- 1 x Door Contact (Recessed Mount Type)
- 1 x Reader-IN
- 1 x Push Button to Exit – OUT
- 1 x Kill Switch
- 1 x Module Interface (Reader Module)
- 1 x Controller
- 1 x Power Supply Unit with Back-up Battery

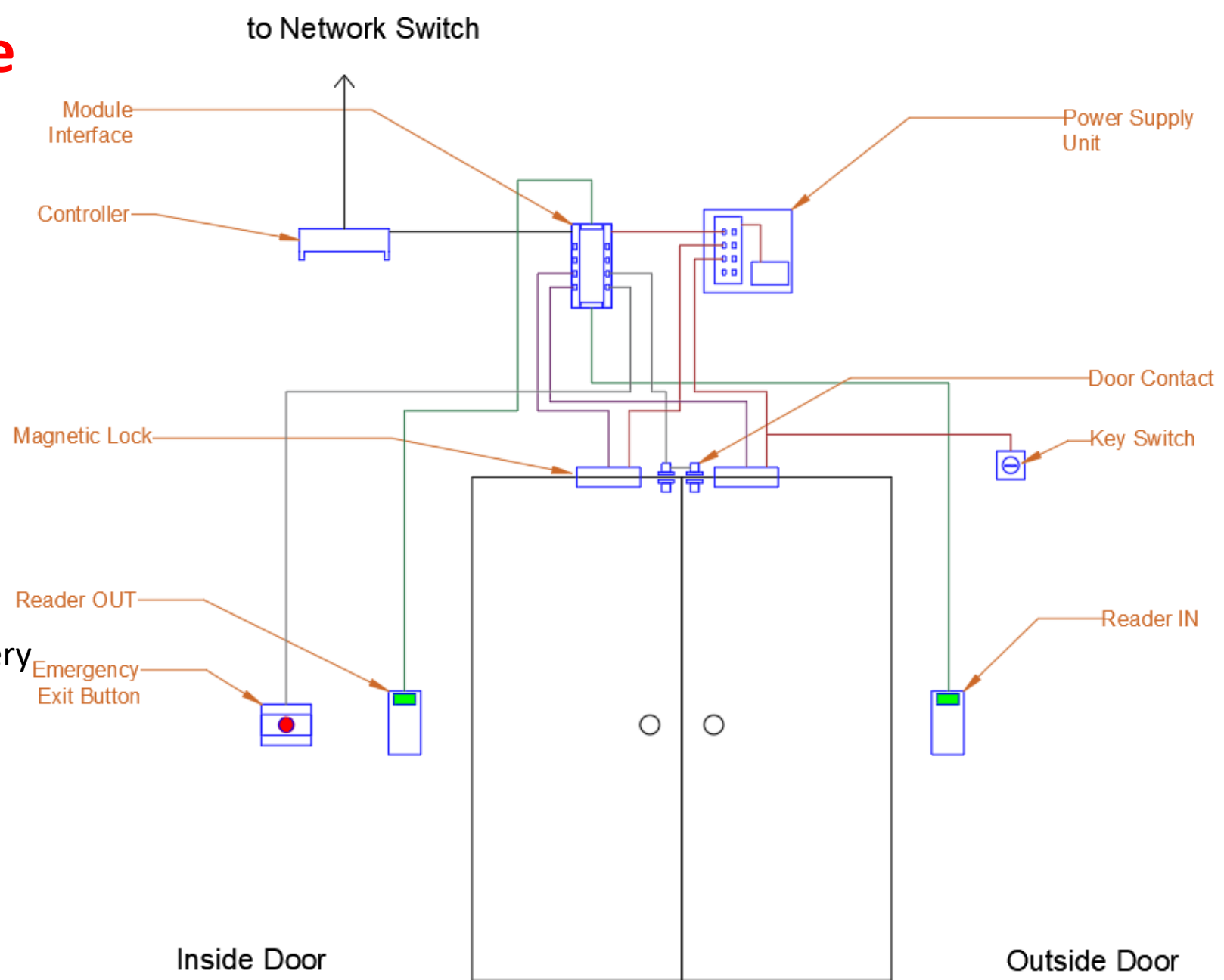


Access Control Hardware

Double Door Configuration

Door Configuration

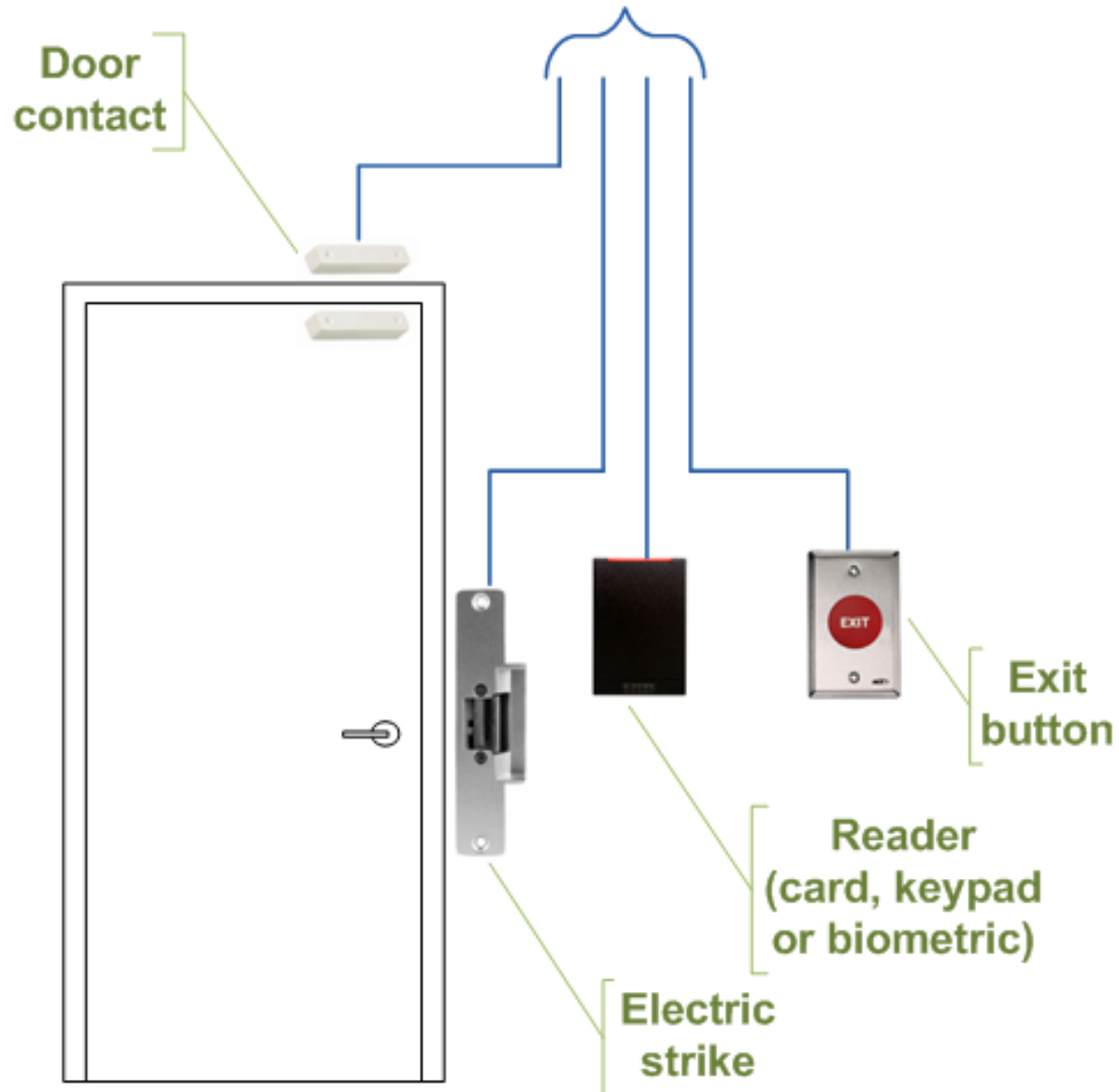
- 2 x Magnetic Lock
- 2 x Door Contact (Recessed Mount Type)
- 2 x Reader-IN and OUT
- 1 x Kill Switch
- 1 x Emergency Exit Button (Break-Glass)
- 1 x Module Interface (Reader Module)
- 1 x Controller
- 1 x Power Supply Unit with Back-up Battery



Other Common Access Control Hardware

Single Door Configuration

- Electric Strike Lock
- Door Contact (Surface Mount Type)
- Reader-IN
- Push Button Out



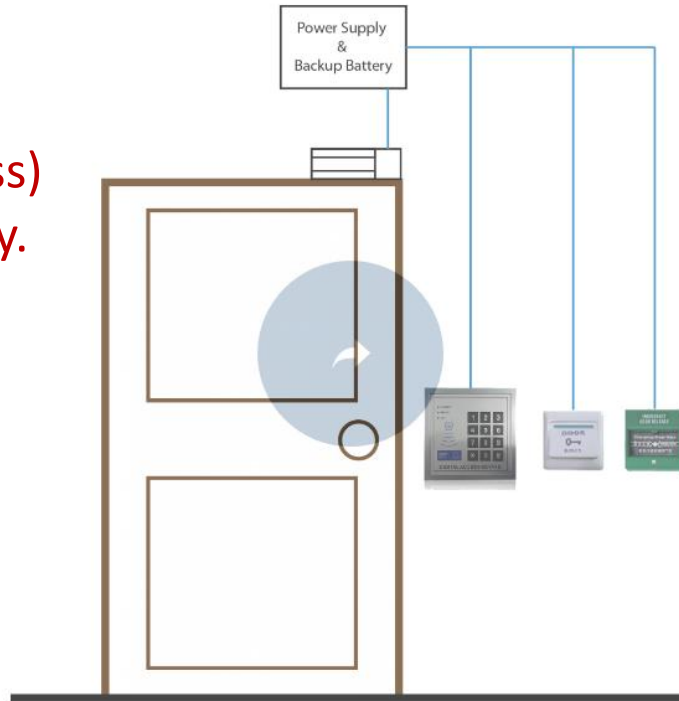
Standalone Access Control

Door Configuration:

- Single Door
- Reader/Biometrics Reader Controller
- Electromagnetic lock
- Door button
- Emergency exit button (break-glass)
- Power supply with back-up battery.

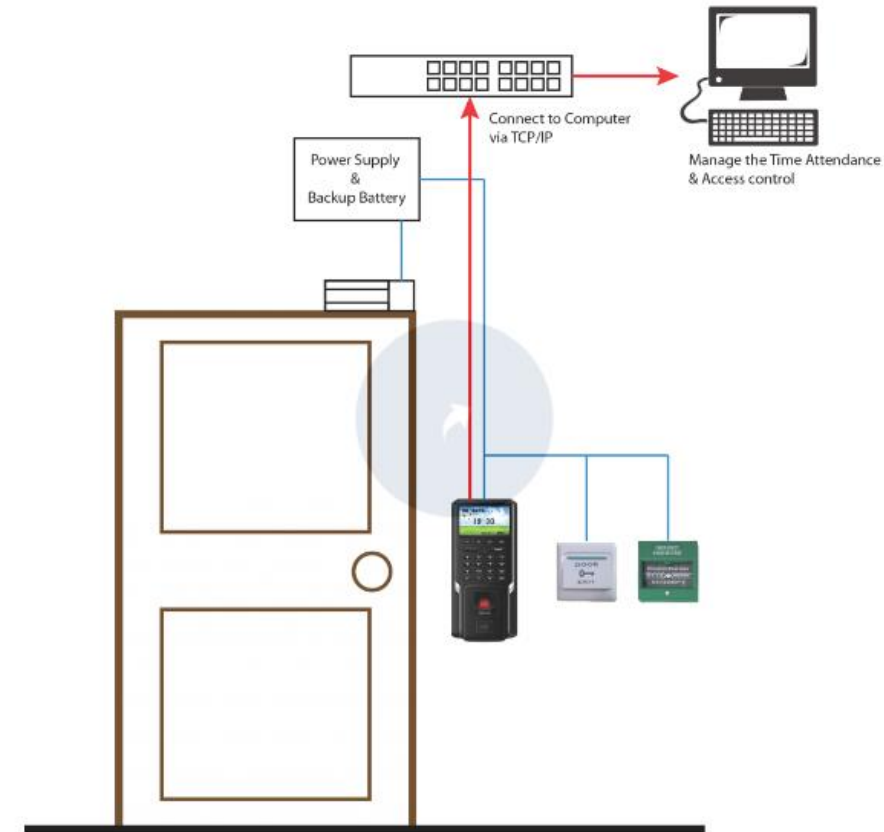
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Standalone Door Access Control System via Reader Controller Device



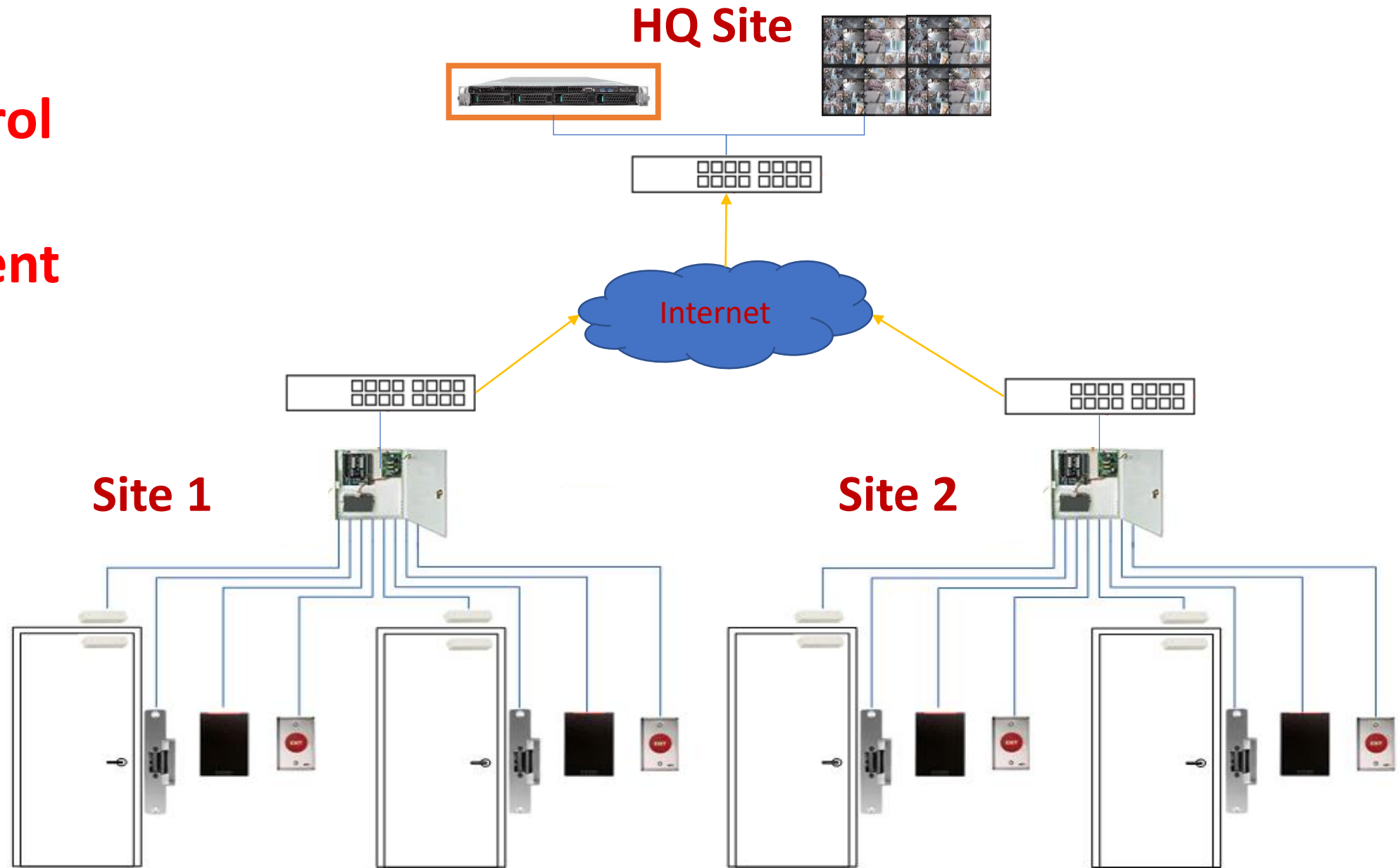
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Standalone Door Access Control System via Biometrics Controller Device



**Centralized
Access Control**

HQ Dependent



Federated Access Control

Site Independent

