ELECTRONIC VOTING ADVANCED SETUP

Extended Range (Multiple Rooms)

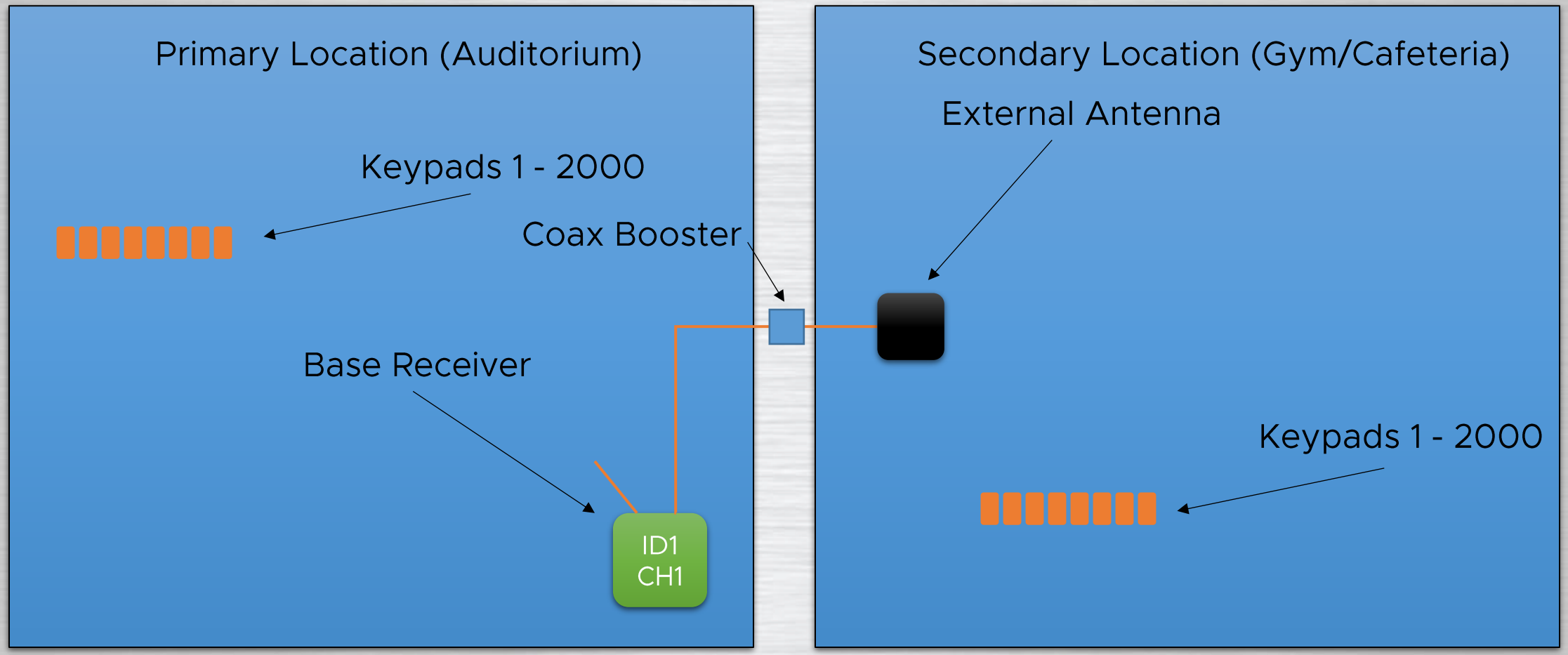
MERIDIA

Multi-Room Setup (Single Receiver)

- Distance
  - Restricted to within 100’ – 150’
- Distribution & Seating
  - No need to reprogram the clickers
  - No seating restrictions
- Computer & Receiver
  - Receiver can be positioned conveniently to reach both the Primary Location and the Secondary Location using only an External Antenna
  - **UNDER 100’** - Extend the distance between the EV Computer and the Receiver using long USB, or USB-to-Ethernet Adapters + Ethernet cable
  - **OVER 100’** - Use Ethernet (TCP/IP) protocol to connect to the Receiver using a PoE switch and PoE adapters
- Antenna
  - Extend the distance between the Receiver and External Antenna using only a long coax cable

MERIDIA

Multi-Room Setup (Single Receiver)



Since a single Base (ID1) can handle all locations, keypads can freely ‘roam’ from one Location to another.

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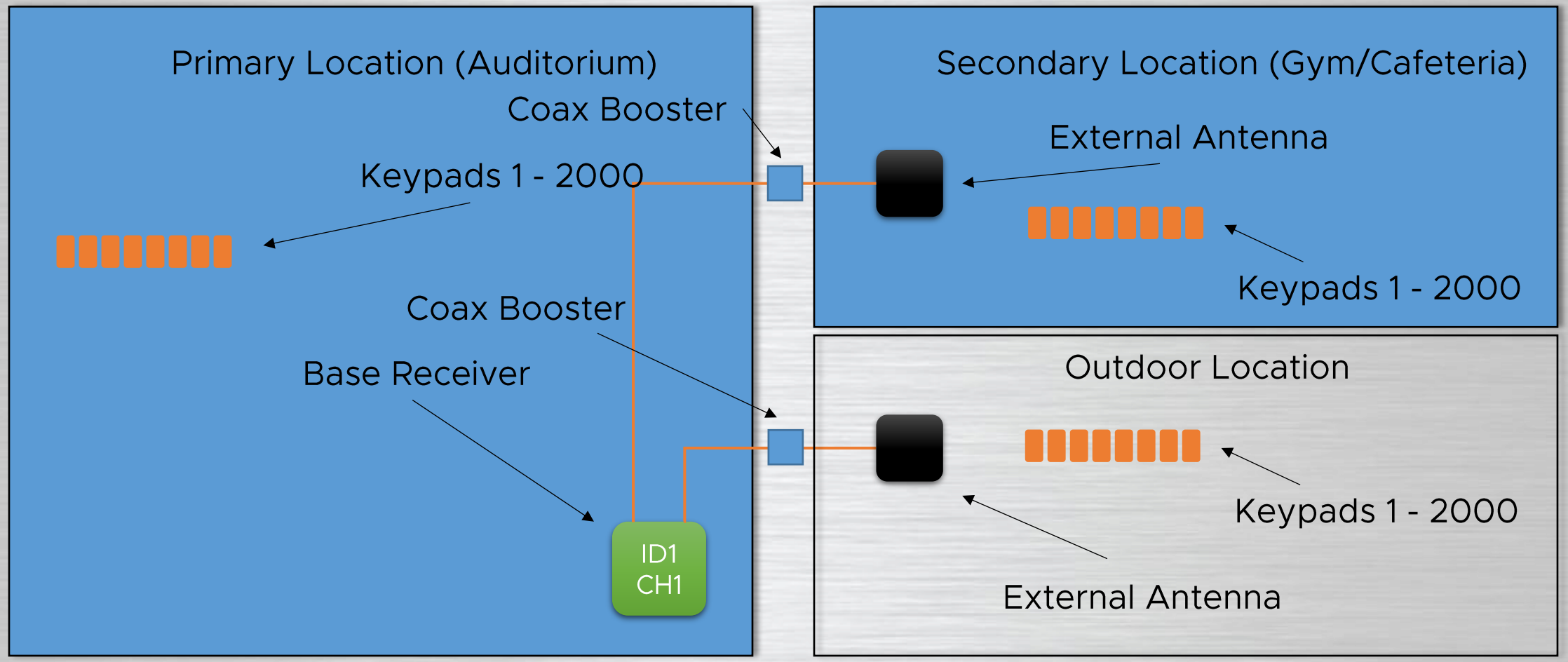
Multi-Room Setup (Single Receiver)

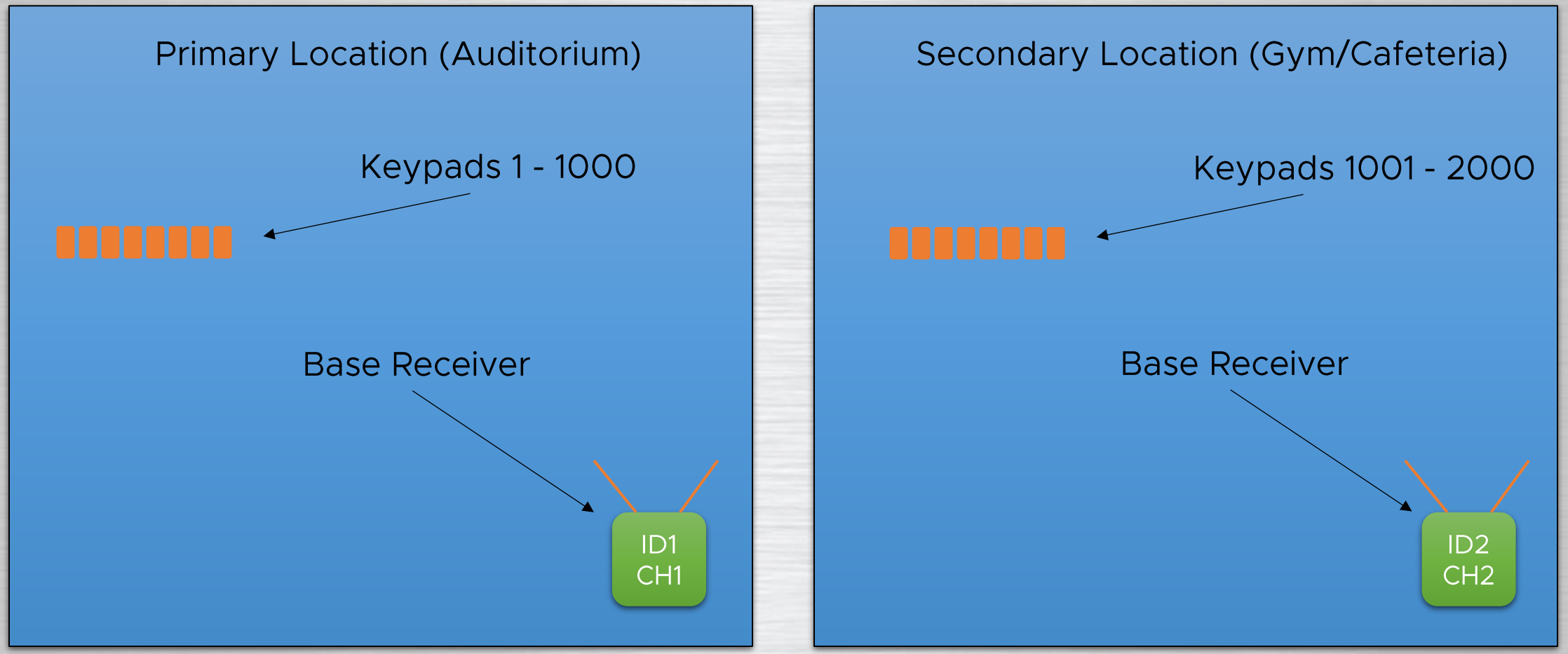


Since a single Base (ID1) can handle all locations, keypads can freely ‘roam’ from one Location to another.

Multi-Room Setup (Multiple Receivers)

- Distance
  - Virtually unrestricted. Only limited by the length of the available Ethernet cable
- Distribution & Seating
  - Unique programming: Base A = ID 1, Base B = ID 2, etc.
  - Separate keypad groups (Base A + Keypads A (1 – 100) vs Base B + Keypads B (101 – 200))
  - Restricted seating (Keypads A + Location A vs. Keypads B + Location B)
- Computer & Receivers
  - Receiver A can be positioned conveniently to reach the Primary Location (e.g., Group A – ID 1, Keypads 1 - 100)
    - **UNDER 100'** - Extend the distance between the computer and the Receiver using long USB, or USB-to-Ethernet Adapters + Ethernet cable
    - **OVER 100'** - Use Ethernet (TCP/IP) protocol to connect to the Receiver using a PoE switch and PoE adapters
  - Receiver B can be positioned conveniently in the Secondary Location (e.g., Group B – ID 2, Keypads 101 – 200)
    - **UNDER 100' -** Connect to Receiver B (in Location B) via long USB, or USB-to-Ethernet Adapters + Ethernet cable
    - **OVER 100'** - Use Ethernet (TCP/IP) protocol to connect to the Receiver using a PoE switch and PoE adapters

Multi-Room Setup (Multiple Receivers)



Each Base must be configured to a different ID and Channel and assigned a unique segment of the keypad range. Both must be connected to the same computer to collect the votes at the same time.