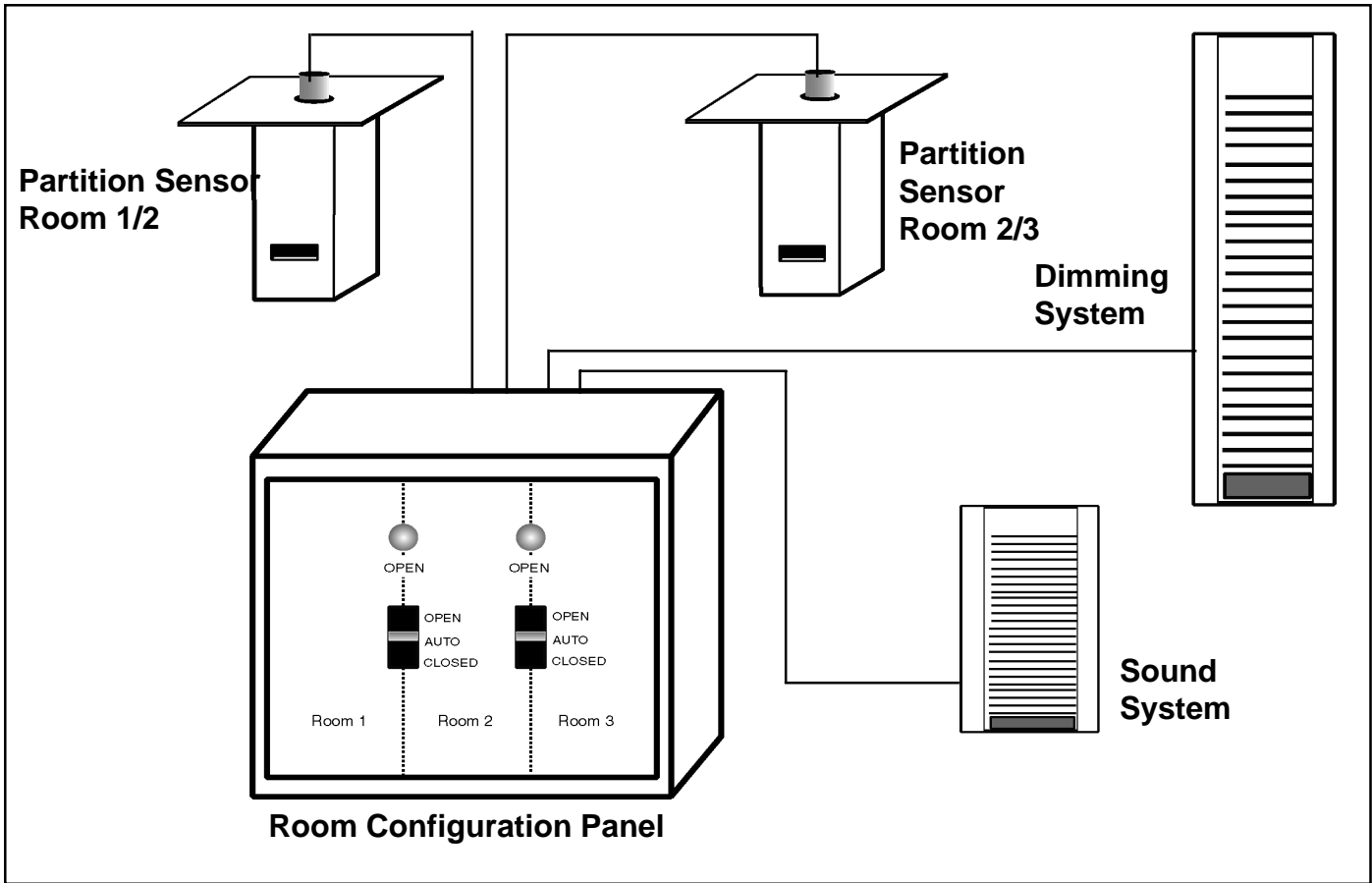


Finally, a reliable, fully-automatic partition sensing system for any divisible space: The EN<sup>TM</sup> Infrared Partition Sensor System.

Divisible ballrooms traditionally have used manual switch panels requiring constant intervention or unreliable mechanical partition switches to report status. This status information is required for configuration of lighting, sound and other systems. Often a separate switch panel was used for each function.

If you are planning divisible rooms, integrate into your design the EN<sup>TM</sup> Infrared Partition Sensor System using modulated infrared signals, bounced off the partition allowing contact-free sensing that's reliable, affordable and effortless to use.

- System allows for total automatic configuration of room systems with no staff intervention.
- Sensor may be mounted up to three feet from partition track.
- Only a single sensor is required for each partition, no pass through beams.
- Proven technology using modulated infrared beam provides absolute reliability.
- Multiple isolated contact closures provide signals for each system (lighting, sound, HVAC, etc.)
- Each sensor has an integral 5-second timer to insure no false status changes.
- Sensor sensitivity adjustable for different distances and partition covering.
- Discrete LED status indicator in sensor-visible only from directly under the sensor.
- Small size blends into ceiling and makes sensor virtually unnoticeable.
- All field wiring safe NEC class 2 power-limited no high-voltage required.
- Custom graphic panel with status LED and AUTO/OPEN/CLOSED override switch for each partition.
- Low-voltage switching systems also available for rooms without dimming.



**Specifications**

- A. Provide a partitioning system for divisible rooms area as indicated on the drawings. The system is based on DMX Partition Works as manufactured by Entertainment Networks, 800-706-4000, sales@fedco.com.
- B. System shall provide the following functions:
  - 1. Sense room partition positions via ceiling-mounted modulated active infrared sensors connected to a wall-mounted room configuration panel. Mechanical sensors will not be accepted.
  - 2. The room configuration panel shall be a factory pre-wired and wall-mounted panel with a hinged locking door. The room configuration panel shall include a graphic representation of each divisible room. Each partition shall have an associated OPEN/AUTO/CLOSED switch and status LED.
  - 3. Each sensor has an integral 5-second timer to insure no false status changes.
  - 4. System allows for total automatic configuration of room systems with no staff intervention.
  - 5. Sensor may be mounted up to three feet from partition track.
  - 6. Multiple isolated contact closures provide signals for each system (lighting, sound, HVAC, etc.)
- C. Install system per manufacturer's recommendations and connect to ancillary systems as required.