

A healthcare facility's top objective is to protect patients. Dust, mold, and fungal spores found in the plenum space above a suspended ceiling are very dangerous to immunocompromised patients.

Poking holes in, or lifting, ceiling tiles to pass antennas or cables is not acceptable in hospitals, as these openings in the ceiling readily pass dust and spores. Wireless access points should be mounted in an enclosure which permits access to the equipment, and connection to the data cable, without lifting or penetrating the suspended ceiling.



The Joint Commission on Hospital Accreditation has developed procedures for mitigating the spread of infectious disease and contamination in hospitals. These **Infection Control Risk Assessment (ICRA)** procedures require that areas in which work is to be performed (such as pulling cable and lifting ceiling tiles) must have a barrier in place, and be negatively pressurized, such that dust and spores are not spread through the facility. These procedures will have a serious impact on cabling installation, moves, adds, and changes.

Oberon enclosures provide access to ceiling-mounted wireless LAN access points and networking equipment **without entering the air-handling "plenum" space**, helping to protect vulnerable patients from airborne contaminants, and simplifying ICRA procedures.

Oberon UL Listed enclosures also help installations meet the **National Electric Code (N.E.C.) article 300.22 and 300.23** requirements for installing equipment above a suspended ceiling. The enclosures are an effective smoke and fire barrier, helping to preserve the fire rating of the ceiling system.

Finally, Oberon's locking enclosures provide clear cut compliance with **HIPAA paragraph 164.310 Physical Safeguards** for securing all network endpoints.



Eliminate gaps in the ceiling tile by mounting WAPS in Oberon enclosure

Healthcare environments must anticipate rapid growth in wireless and wired infra-structure. Oberon enclosures simplify wireless and structured cabling growth, moves, adds, & changes in healthcare facilities.

BENEFITS

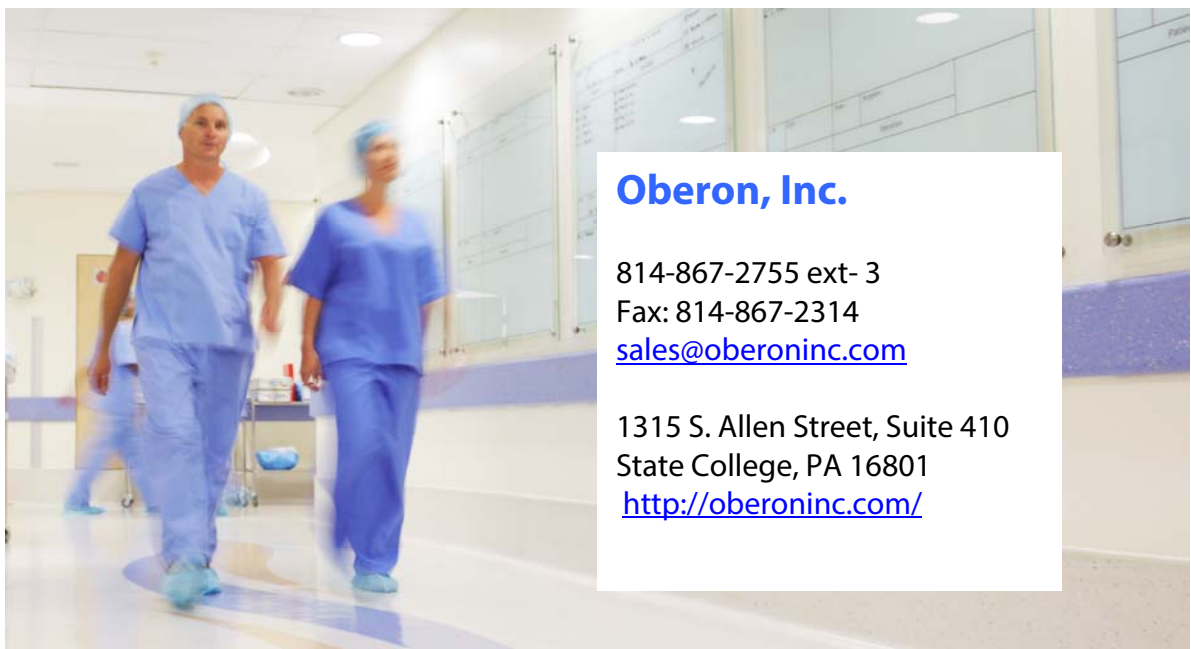
- Help protect patients from airborne contaminants
- Simplify ICRA procedure compliance when servicing access points
- National Electric Code (NEC) compliance
- Physically secure equipment for clear cut HIPAA compliance
- Low profile, flush to ceiling, aesthetic, professional installation

FEATURES

- UL Listed, OSHPD approved. Designed to satisfy N.E.C. for installation in plenum space
- 2' x 2' steel and aluminum ceiling tile enclosure drops into standard suspended ceiling
- Attractive, textured, white powder coat finish
- Non-metallic domes are virtually transparent to wireless signals
- Interchangeable locking doors simplify moves, adds and changes to new access points or antennas
- Solutions for virtually all vendor's wireless access points, DAS antennas, and telemetry sensors



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