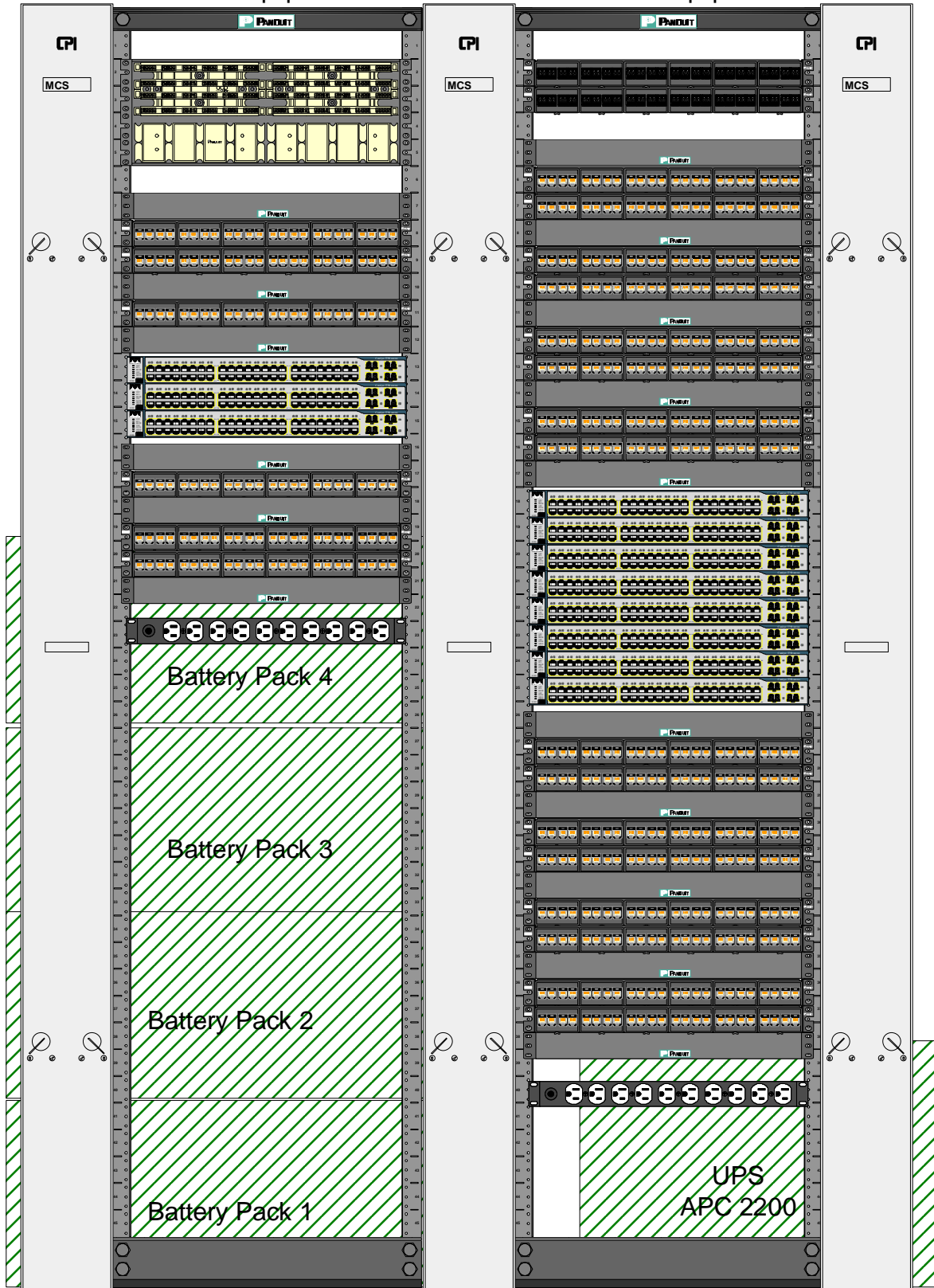


Racks at full capacity using 48 port switches for both PoE and non-PoE

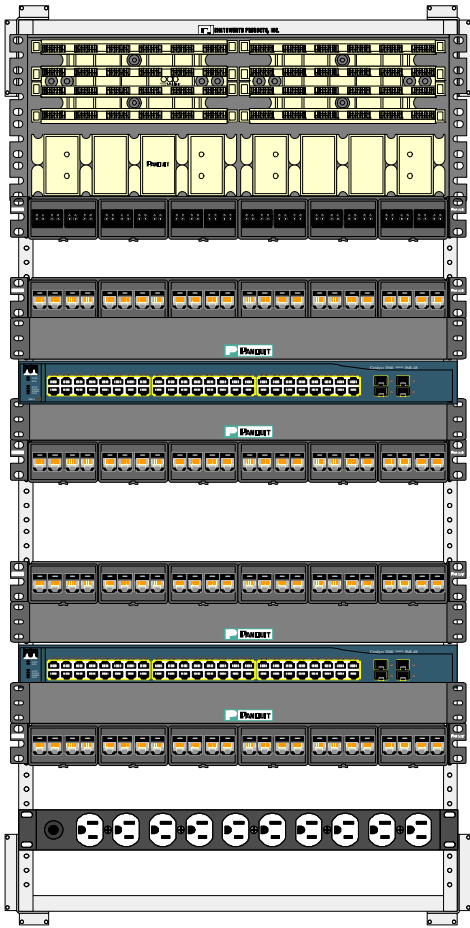
VoIP Rack PoE Equipment

Data Rack non-PoE Equipment




 UPS Battery Pack
 12"Hx30"Lx17"W

Patch Panel and cable management tray combos should be split evenly above and below the switches. If the split is not even, the extra Patch Panel should go below the switches. If the data (non-PoE) rack is not full to capacity and spaces allows, then a 1U Panduit horizontal cable management tray should be installed for each 24 port Panduit patch panel.



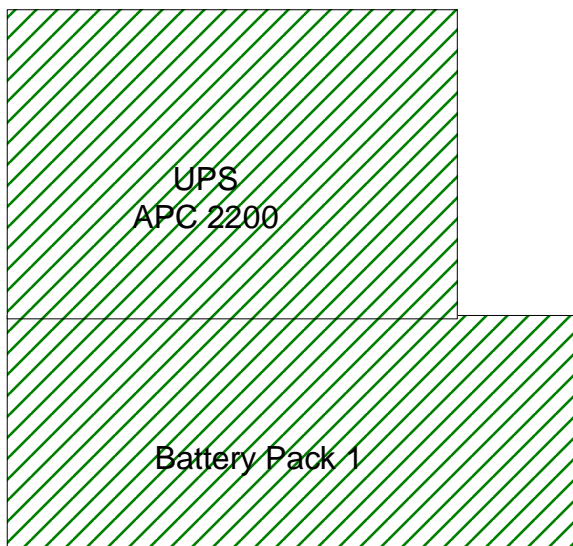
A wall mount rack is to be used only in a small low density IDF. The use of a wall mounted rack instead of a Floor mounted rack, must be approved by ITS.

The rack should be 36" in height, with a depth of 24". Although this picture does not show it, Panduit vertical cable management trays should be mounted on both sides of the rack.

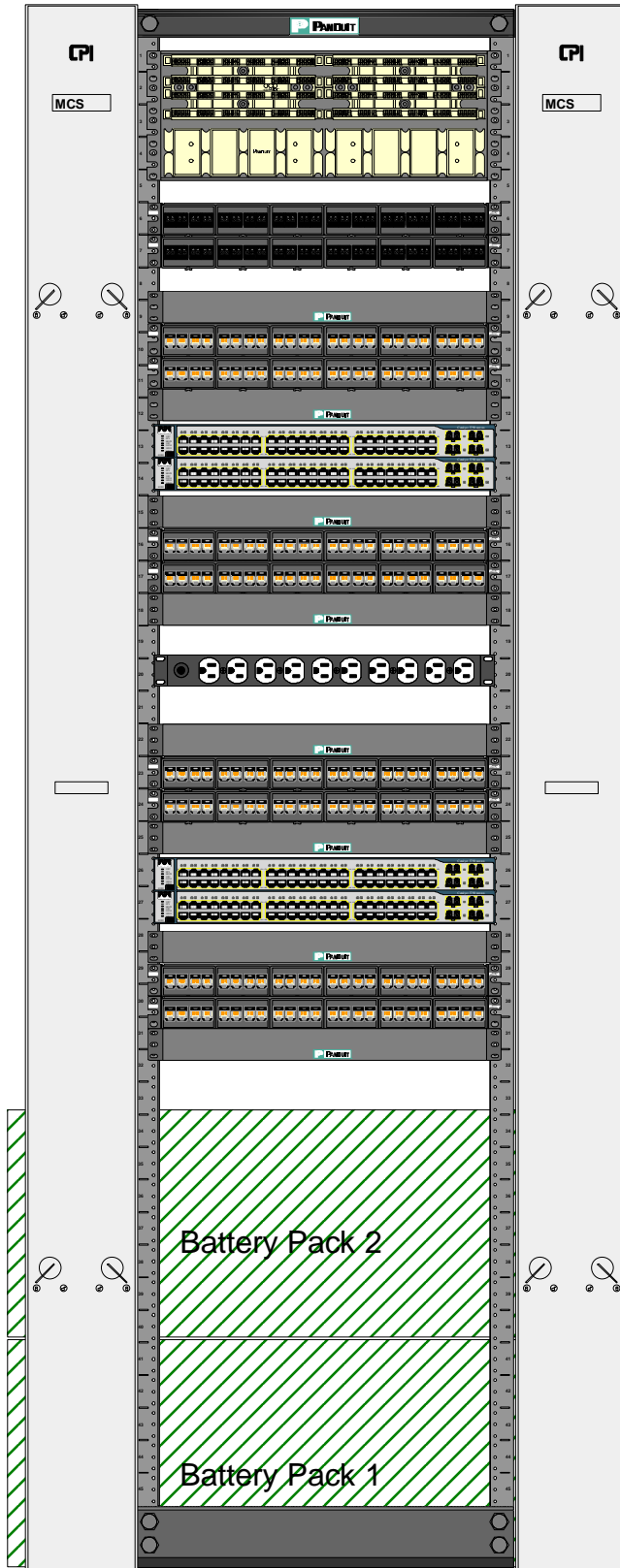
A low density IDF should have no more then 48 VoIP connections and/or Data connections.

If there are more then 48 VoIP or Data connections then a floor mounted rack must be used and the IDF must be sized appropriately.

The UPS and Battery pack will be placed on the floor beneath the wall mount rack.



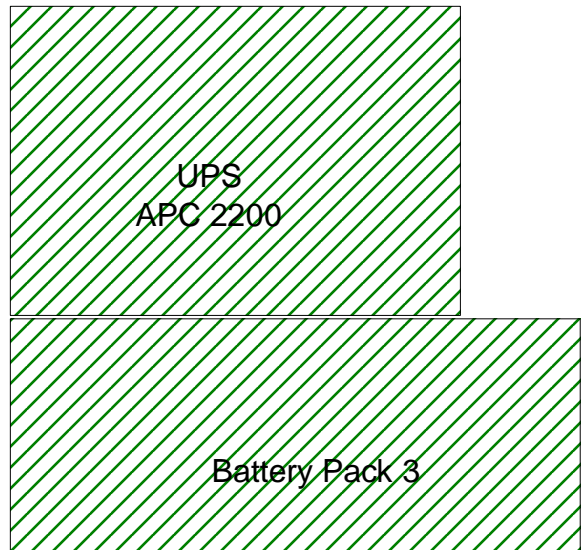
Single Rack Configuration for small IDF.



All total there should be ≤ 4 switches. Only 96 or fewer PoE Devices are to be connected (two 48port switches) or the UPS requirements are to large for the IDF.

VoIP/PoE Equipment

Data/non-PoE Equipment



UPS Battery Pack
12"Hx30"Lx17"W

Patch Panel and cable management tray combos should be split evenly above and below the switches. If the split is not even, the extra Patch Panel should go below the switches. If the data (non-PoE) rack is not full to capacity and spaces allows, then a 1U Panduit horizontal cable management tray should be installed for each 24 port Panduit patch panel.