

APPENDIX 1J: Segregation Requirements in Main Computer Rooms

Provide a physical, secure separation between the Authority Equipment (restricted) side and the Building Equipment (accessible) side. This separation must be card reader accessible (for auditing and recording who accessed the location and when), minimum 2438.4 mm in height, not impede airflow, cooling or overall room lighting. This separated room is the only location in the Building where non-Authority equipment may reside; it may not reside in any of the other communication rooms or closets other than equipment required for the leases on the first level P0.

The Building Equipment (accessible) side will be designed to include, but not limited to:

1. Be located on the side with the entrance into the MCR;
2. Designed to include Contractor provided 4 post server rack(s) with required vertically mounted
 - PDU electrical to the rack with a 48 port AMP patch panel cross connected to 48 port AMP patch panel on the Authority Equipment (restricted) side,(quantities to be confirmed upon final completion and acceptance of Building requirements);
3. Designed to include horizontal cable management from the 4 post rack to the nearest 2 post relay cabinet on the Authority equipment (restricted) side with applicable waterfall cable management;
4. Be designed so that all equipment will be placed and mounted securely in the 4 post server rack(s) and off the floor;
5. Be used for vendor supplied and serviceable equipment such as, but not limited to:
 - Pneumatic tube system
 - CCTV
 - Patient entertainment
 - Patient education
 - Real time locating systems
 - Biomed systems/Patient Monitoring
 - Building management systems
 - Security control systems
 - All other systems required in the building
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Authority Equipment (restricted) side will be designed to include, but not limited to:

1. Be located on the side of the MCR that is furthest from the entrance or the other side of the physically secure separation;
2. Designed to include horizontal cable management from the nearest 2 post relay rack to the 4 post rack on the Building equipment (accessible) side with applicable waterfall cable management;
3. Designed to include a Contractor provided 4 post server rack(s) with required vertically mounted PDU electrical to the rack
4. House all Building communication and network equipment including, but not limited to:
 - Network switches
 - Telecommunication cross connects
 - Nurse call
 - Connexall
 - Vocera
 - Print servers
 - All other systems required by the Authority

Final placement of all equipment in the MCR will be determined in consultation with the Authority.