

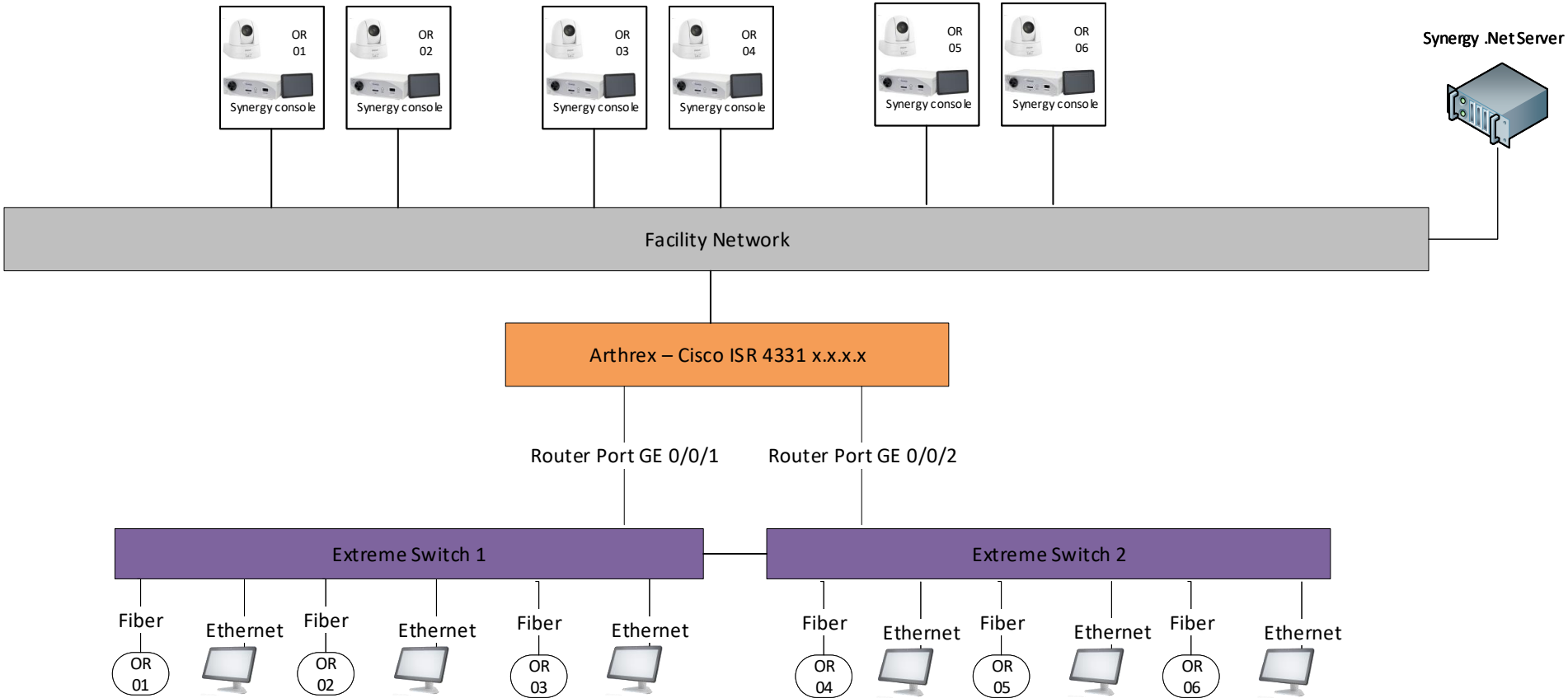
Room Camera

- Requires Static IP and port next to camera location

Synergy Console

- Static IP or DHCP reserved. Network Port at Equipment handler

Arthrex Synergy Matrix Network Diagram – 6OR



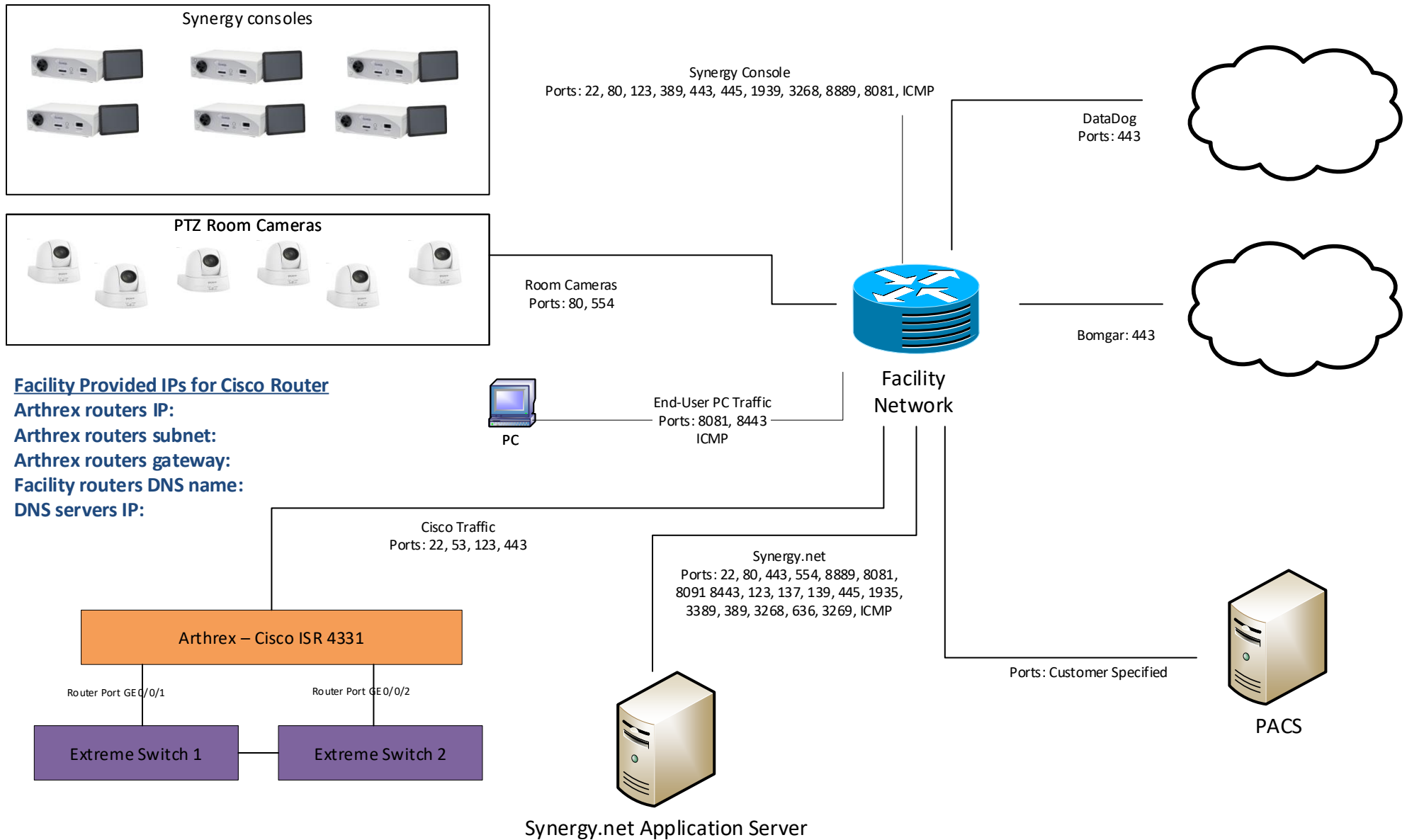
Matrix Touch PC

- User Interface for Matrix
- Room Camera Control

- Notes:
- IP addresses shown are examples. Facility IT will assign IP addresses specific to their network
 - Bongar is used to connect from outside the facility network into the Matrix Touch PC.



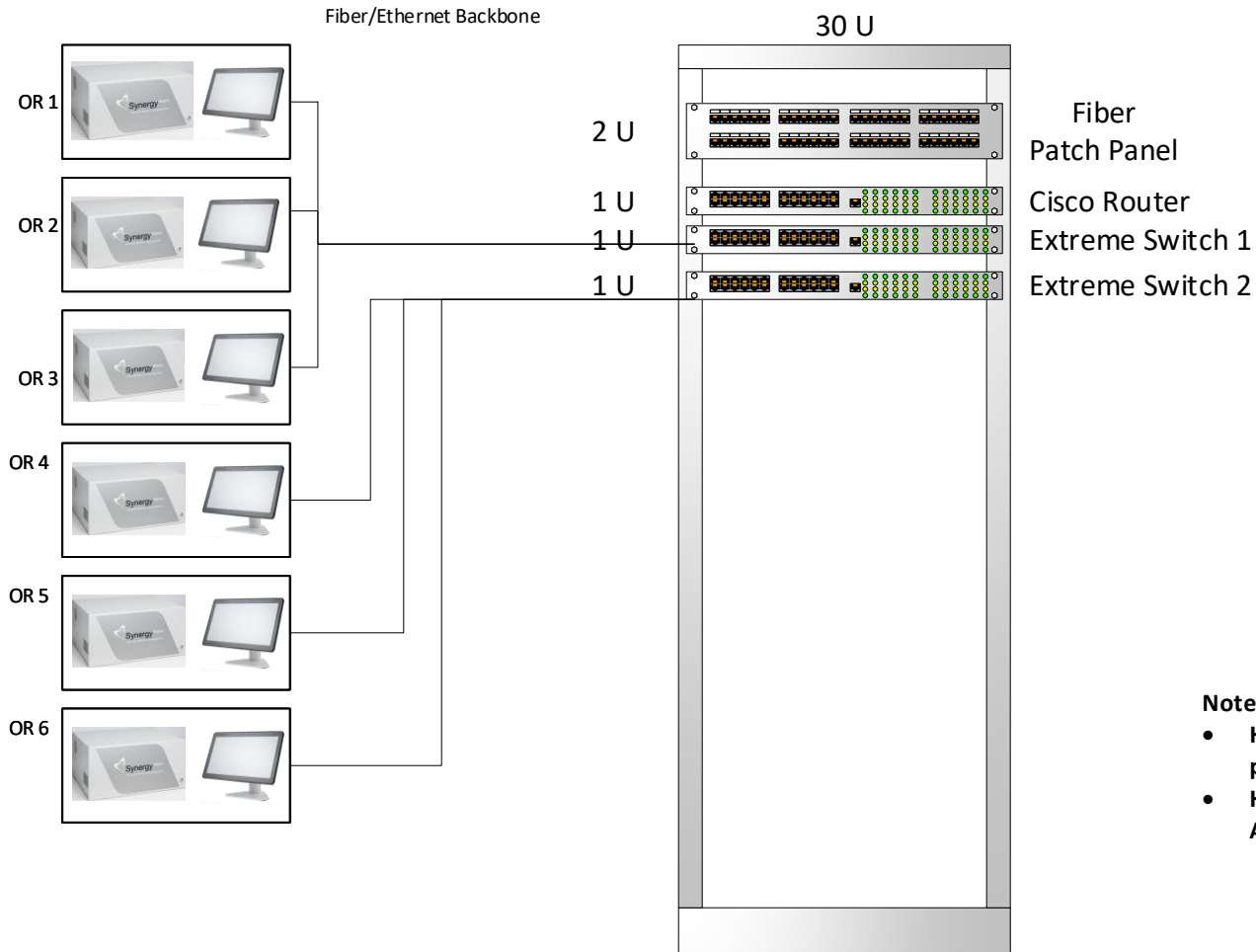
Arthrex Synergy Matrix Dataflow Diagram



Synergy.net Application Server

- Application Server needs to be accessed from Facility browsers
- Communicates with all networked Synergy consoles within the Facility
- Provided by the Facility - can be a Virtual or Physical Server

Data Closet Rack Layout



Notes:

- Hospital to Provide rack power strips and/or UPS power for devices
- Hospital to Provide 1 Access Port with Static IP for Arthrex Cisco Router IS4331



Power Load at Rack



Device Name	Voltage	Wattage	Number of devices	Total Wattage	BTU per Unit
Cisco router	AC 120/230v	250w	1	250	75 to 320 W, 256 to 1092 BTU/hr
Extreme Switch	AC 100/240v	550w X 2 = 1100w(redundant power)	2	2200	73 to 125 W, 250 to 427 BTU/hr
Total				2450	