

Seamless Serial: One Integrated, Seamless RF Network *with combined data:*



Ethernet Input

Terminal Server A
e.g., Port 9100
Terminal Server B
e.g., Port 9200

- Ethernet
- Serial A
- Serial B

Serial A: Production



Ethernet: Test



Serial B: Midstream



Advantages of Seamless Serial:

- Single RF network → easier & less expensive to maintain
- Different Cygnet Servers can poll each serial group
- No self inflicted interference
- No splitting/combining multiple radios
- 2 (or more) logical serial networks
- Ethernet

In the scenario where there are too many radios for one master/AP, the use of sectorized antennas will increase capacity. Maintaining logical groupings of radios will also improve master/AP performance due to reduced noise field of view.