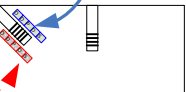
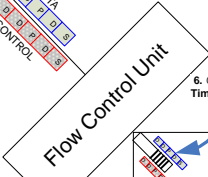
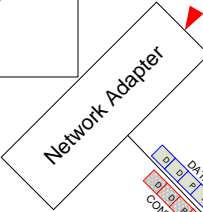


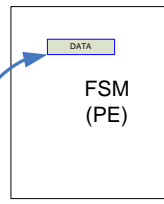
1. PE assembles Control Packet and submits to router



7. Arbiter sees Data Packet. Looks up GID/PID and determines reserved resource from Rsv Table.

2. FCU injects the Control packet into FIFO

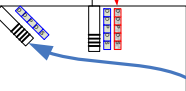
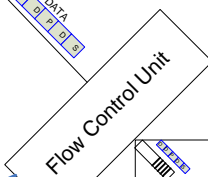
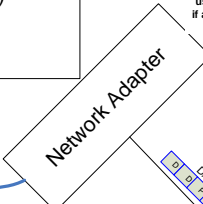
5. Once a control packet is scheduled, Global Timer runs till expiration.



4a. Assuming the address belongs to the router and resources are available, the arbiter records DIR from packet.

4. Otherwise, the control packet is forwarded using the Routing Table if addresses don't match.

8. @ Time t <= Scheduled Time, Data Packet departs.

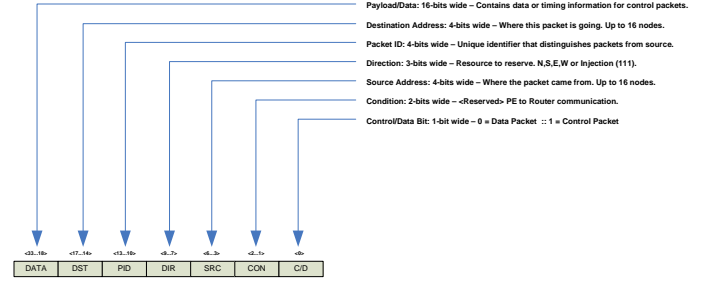


12. Data packet is assembled

10. Arbiter sees Data Packet. Looks up GID/PID and determines reserved resource from Rsv Table.

11. @ Time t <= Scheduled Time, Data Packet departs.

13. PE consumes data packet.



Data

Control