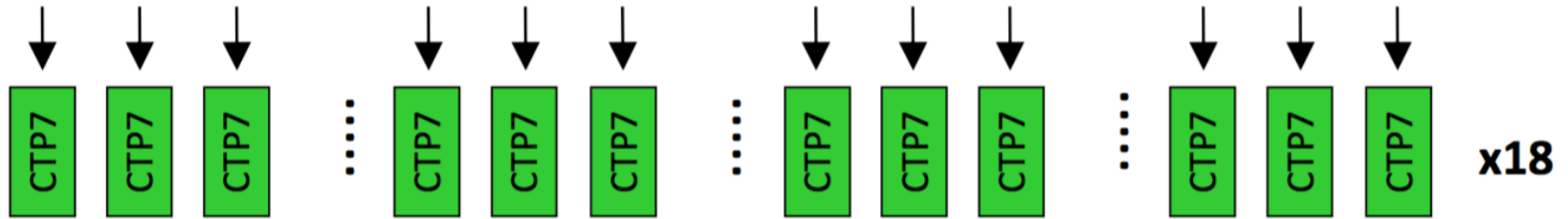


Each card spans 4 out of 72 towers in  $\phi$  and all of  $\eta$ .

18 cards, each receiving 60 links at between 5.0 Gb/s & 6.4 Gb/s of Calorimeter data

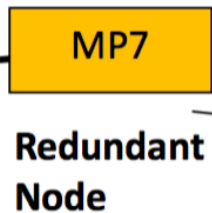
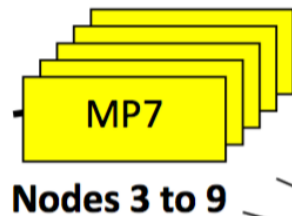
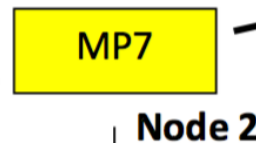
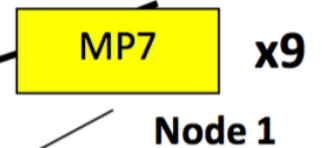
**Layer-1  
Cards**



Layer 1 cards transmit  
48 links @ 10G

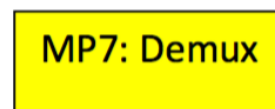
72 input links per  
Layer-2 node

**Layer-2  
Cards**



6 output links per  
MP card @ 10Gb/s

**De-multiplexing node:**  
Separate card or firmware  
core in downstream system



uGT

**Flexible system:**

Simple to upgrade from 16 bit  
towers to 24 bit towers or provide  
extra logic resources.