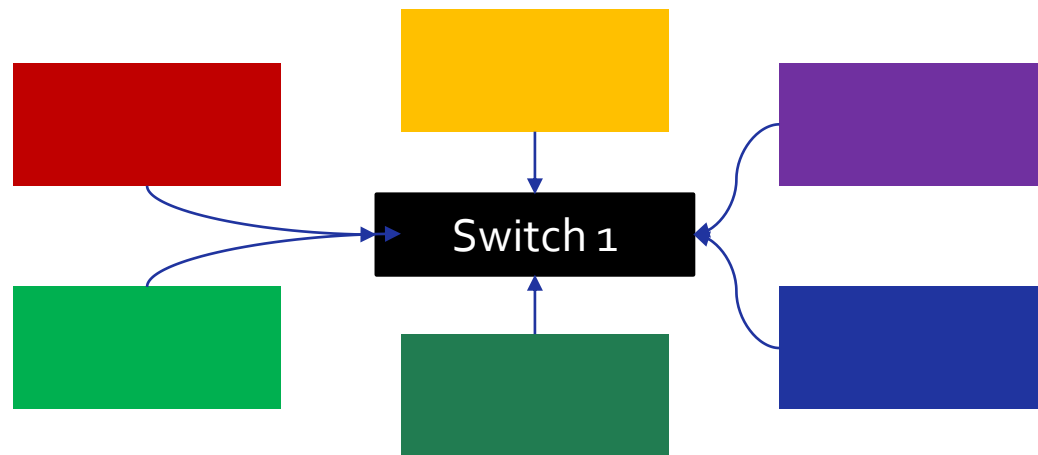
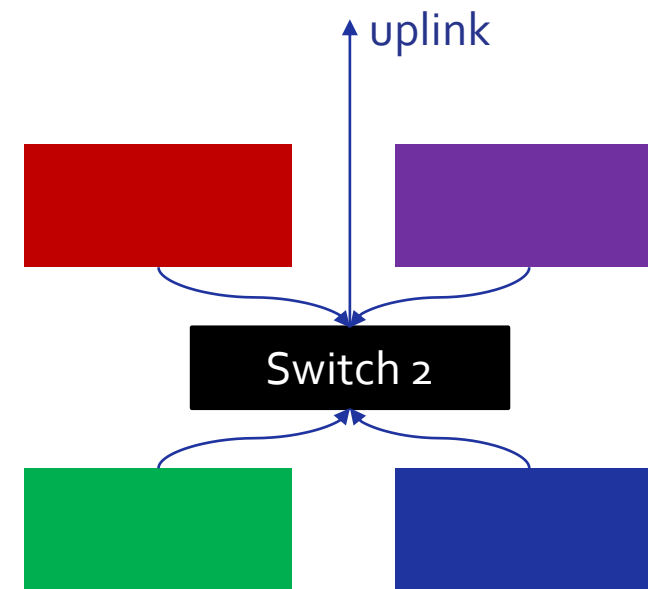


Added a new computer with 2 GPUs, new configuration with 2 network

- Mic1 → pc windows xp
→ pc windows 10
- Mic2 → pc windows xp
→ pc windows 10
- Dispatcher → one pc connected to both
- NAS



Private - switch 8 links 1 Gbit/s



Public - switch 5 (full) links 100 Mbit/s

For the installation we borrowed from CCL:

- Switch 8 porte 1 Gb/s
- 3 cavi ethernet 10 m
- cavo hdmi vga

After discussion, we need to decide:

- buy a larger switch (24 o 48 links)? Now the same pcs (except the windows xp ones) are connected to both switches
 - less links/cable/ip to be used, easier to add new pc for future upgrades
 - cost, need configuration to separate private/public communications

To tell CCL: how many 1/ 2.5 /10 Gb/s links? optical connections?

- Second proposal of CCL: move processing and switch to mountable rack → **compact** solution if we need to add many computer

To consider for scanning lab plan, we need to choose:

- **Optimization of current hardware:** same microscope hardware (camera/stage) but in continuous motion → double scanning speed, up to 2.5GB/s to GPUs
 - Need to add at least a **second dispatcher pc + 2GPUs**
- **Upgrade of hardware:** invest in new cameras
 - Need to **change also the current** microscope windows 10 **pc**
 - Need to **understand how many pc+GPUs** for processing

Already with 5 PCs and 4 GPUs → **need for cooling** in winter when university AC is off