INJ019 – DC for faculties
• 4 power networks
  UPS1 & UPS2 (20’), Force (F), Lumière (L)

• UPS agent for emergency shutdown

• Power monitoring@server outlet, @rack

• Network: VSS-LACP 2*GbE + management

• Application resiliency setup: UPS1+(F or L), F+L, UPS1 and UPS2, VSS or not, ...

• 24h/24h secured access, fire detection, [extinguishing]
MAB0453 – LYS DC for faculties
• **3 power networks**
  UPS+Generator (G), Force (F), Lumière (L)

• *UPS agent for emergency shutdown not in place*

• Power monitoring@server outlet

• Network : VSS-LACP 2*GbE and **2*10GbE** + management

• Application resiliency setup : G+(F or L) , G+G, VSS or not, ...

• **24h/24h secured access, fire detection, [extinguishing]**
Metrics
Hosting requests !!!

- http://datacenters.epfl.ch
- Email datacenters@epfl.ch or 1234@epfl.ch

Devices specifications (weight, RU, size, operating temperature, humidity, solution layout), network services needed (layout/interfaces), location (Sion, Lausanne in INJ019 ....)

Time line (sooner is better) – 2 weeks ahead for single device or small cluster (fit in a single rack). Custom configuration at least 4 months.

- 19’’ rackable devices (depth <= 95cm) & rails (length 74cm) & confinement front to back are mandatory!
Confinement
Conclusion

• Welcome to VPSI DCs (Lausanne, Geneva, Sion and Neuchâtel) for « free »

• Controlled, monitored and resilient infrastructure

• End-user power metrics « ready »

• Design and support : **SI EXINFR** team & 1234@epfl.ch

• Enjoy the drinks