

# CESNET NREN

Czech Republic

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CESNET z.s.p.o.

# CESNET

- CESNET is an association of universities of the Czech Republic and the Czech Academy of Sciences
- Single NREN in Czech Republic
- Supported also by Government

# CESNET Users



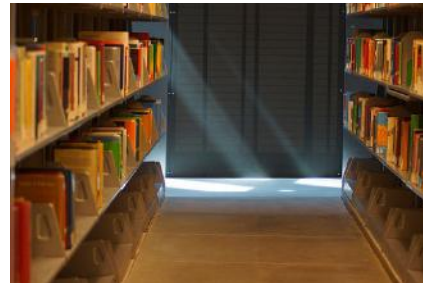
**24+2** Public universities  
**2** State universities  
**8** Private universities



**10+15** Hospitals  
**11** Other medical facilities



**54** Academy of Sciences  
**26** Research institutes  
**47** Research infrastructures



**24** Libraries  
**9** Museums/  
Galleries



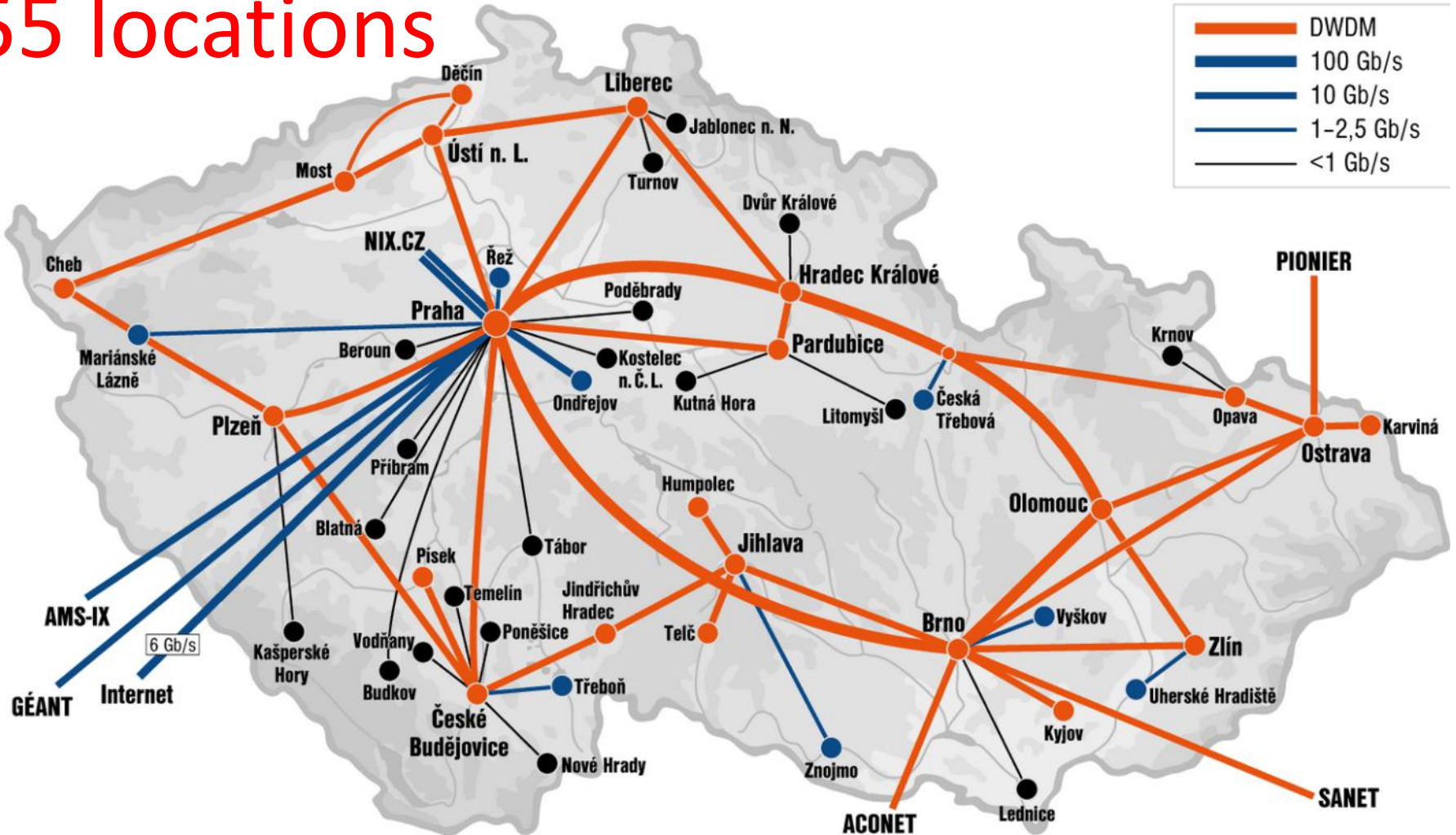
**12** Primary schools  
**100** Secondary schools



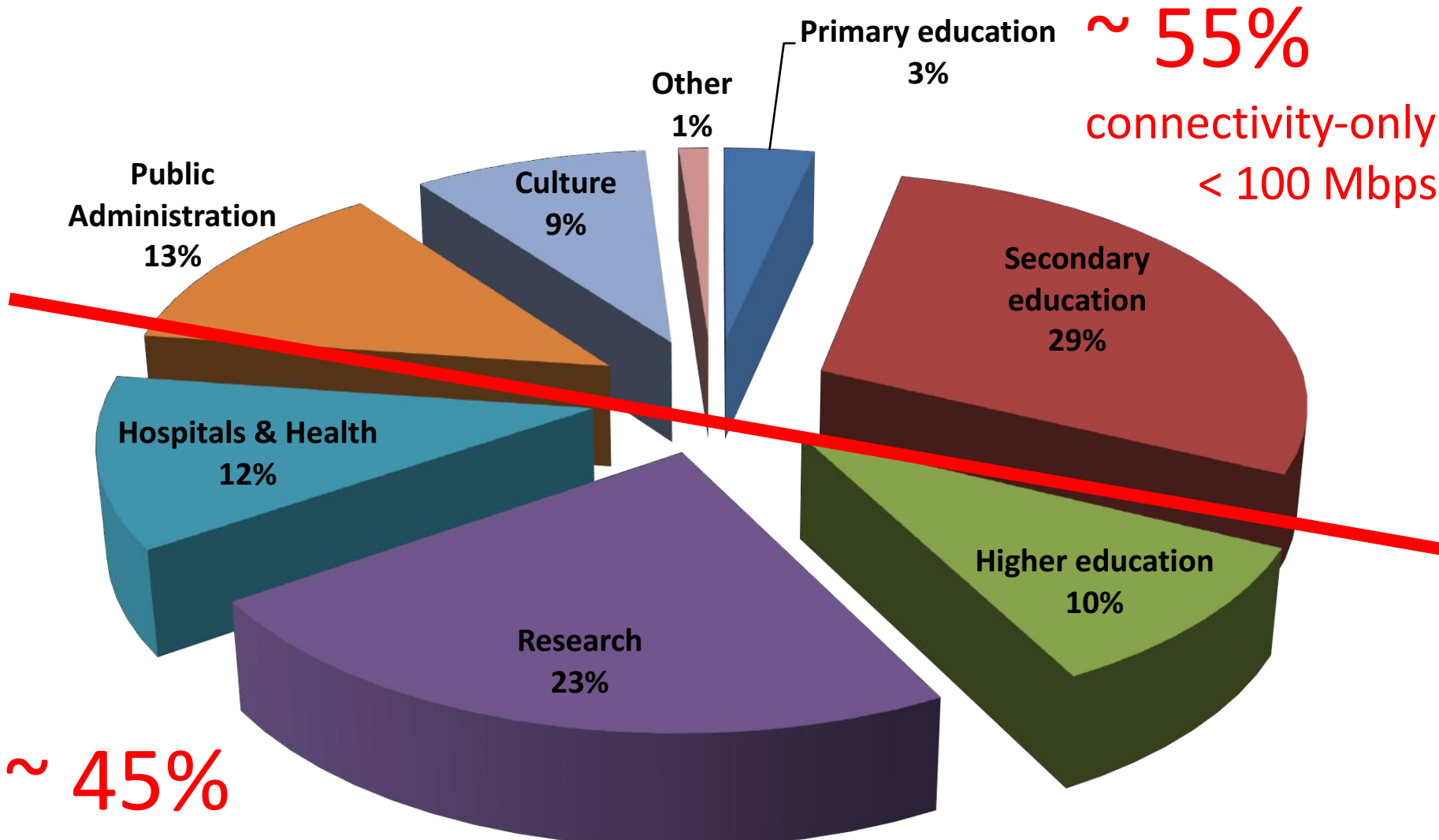
**44** Government  
**4** Public administration

# CESNET presence

55 locations



cesnet2-topo

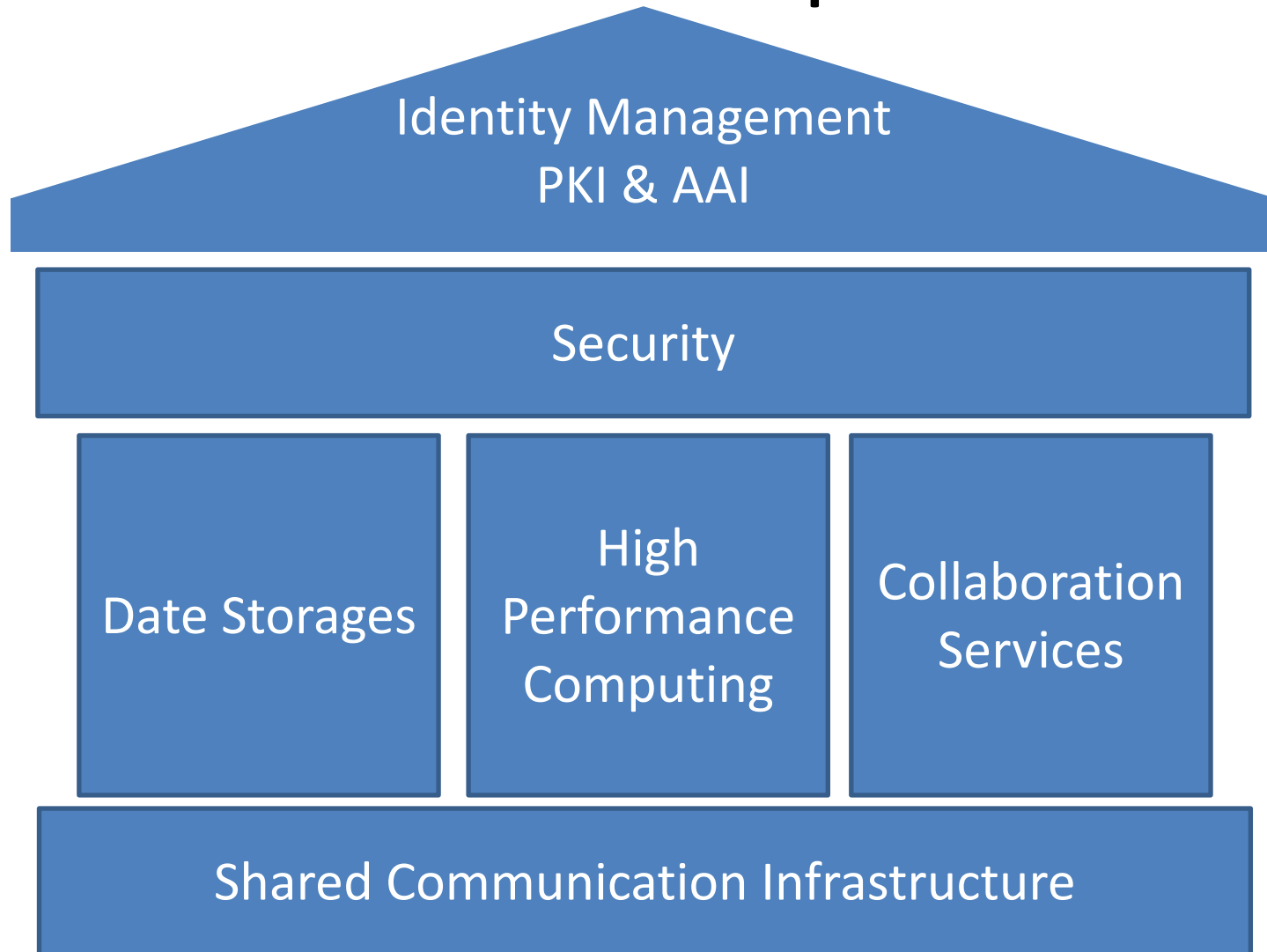


$\sim 55\%$   
connectivity-only  
<math>< 100\text{ Mbps}</math>

$\sim 45\%$   
Connectivity  
+ advance services (security, data storage, computing, collaboration)  
>= 1G – 40G



# CESNET Service portfolio



# Complementary Services

- Complimentary services
  - High performance computing
  - Storage services
  - Collaboration services
  - Infrastructure services (antispam, DNS, NTP, ...)
  - Security/Identities
  - Monitoring
  - Training



# Paid Services

- National and international E2E services
- Guaranteed data back-up and archiving (SLA)
- Virtualisation platform
- Licences / software
- Forensic laboratory (pen tests and load tests)
- Dedicated installations and management
  - Perun, FTAS, G3, Nagios/Icinga systems

# Thank you for your attention

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