

# Optical networking is the long-term solution

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# Type A

- Downloading of:
  - scientific papers
  - open source software
  - video clips
  - etc.

# Type B

- video conferencing
- distance (online) learning
- voice-over-IP
- etc.

# Type C

- interactive access to >TB datasets
- high performance computing
- virtual reality environments
- etc.

# The RIGHT decisions

- REN'ing != enhancing Type A activities!
- collaborators on affiliated RENs
- scientific environment that increasingly assumes an e-Science paradigm
- commercial Internet access separate issue

# Conclusion

- A lot of new infrastructure required in Africa
- Avoid falling into the vendor trap
- Optical networking is the long-term solution!