Nortel Networks SC09 demonstration



Nortel has a long and successful history of advanced technology R&D collaboration with leading research organizations, universities and with NREN's on a global basis. One of most productive and successful collaborations has been with the Dutch national network SURFnet and with members of the Dutch Research Consortium. We are proud to present our demonstration that shows how coherent receiver technology is redefining the future of optical networking.

Nortel 40G/100G Adaptive Optical Engine

- ✓ Volume Deployable High Capacity Solutions
- ✓ Improved spectral efficiency with more bits per symbol
- ✓ Retain Superior Performance and Agility Characteristics of Existing 10G Systems
- ✓ Plug and Play Solutions Leverage Existing Infrastructure and Investment
- ✓ Electronically compensate and monitor chromatic dispersion, PMD, PDL
- ✓ Colorless OADM/remote frequency selection eliminates Fixed Channel Spacing requirement



40G and 100G traveling over mixed fibers with NO fixed dispersion compensation!





