



Secure Always on Networking

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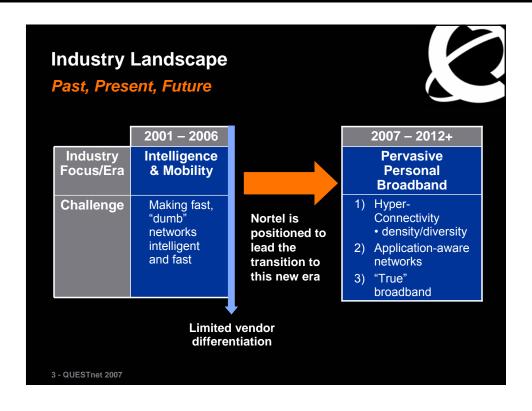
Biography - Jean Turgeon

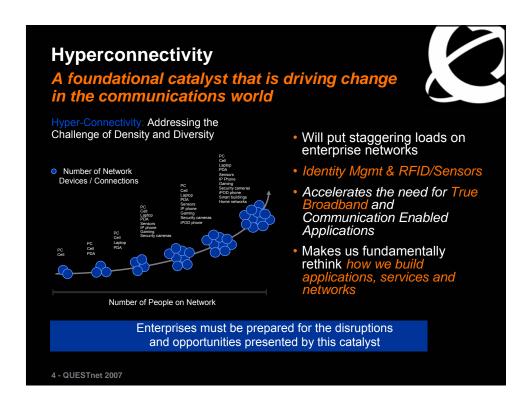


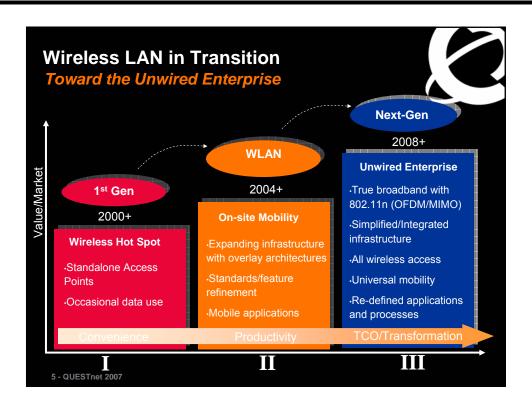
- Jean Turgeon, MBA
 - Director, Enterprise Solutions Engineering at Nortel
 - 23 years of experience in networking solutions
- Jean Turgeon speaks frequently on this and other Enterprise related topics at:
 - Nortel Enterprise Technology Forum (NETF) Formally NPW
 - Distributor Alliance Council (DAC)
 - Global Sales Customer & Partner events
 - Executive Business Center visits
 - Networld Interop (N+I) Asia & NA



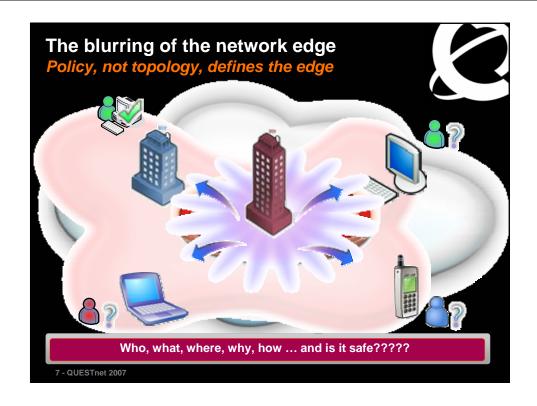
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Infrastructure Requirements

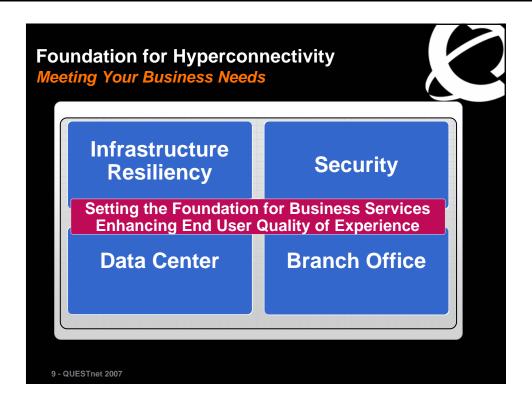
Education

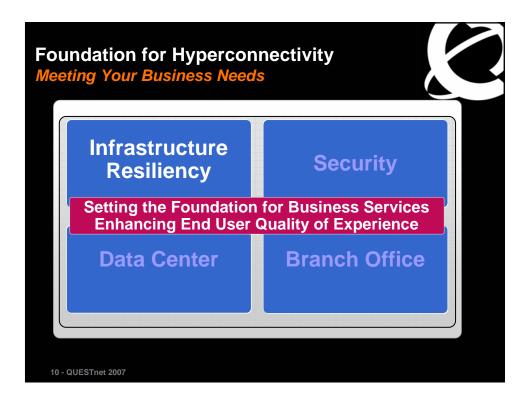


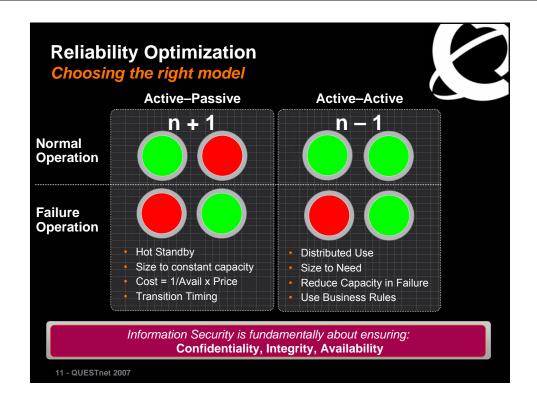


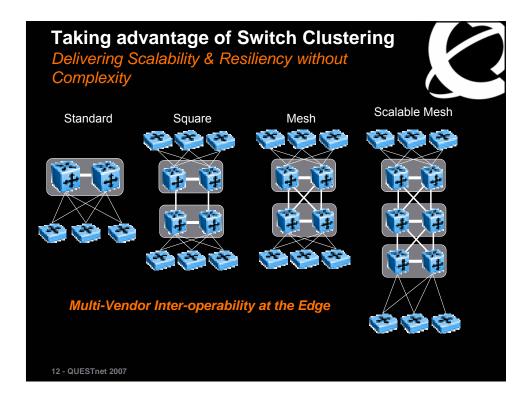
- Multi-vendor support Open Standards or guaranteed inter-operability
- Mobility Indoor and Outdoor
 - Ability to implement Sensors/RFID technology
- Security Access Control
 - OS independent
 - Preferably no agent or resident software on devices
 - Strong Filtering and Policies support Ease of deployment
 - · Centralized for ease of mgmt
- IPv4 & IPv6 ready, QoS support
- Ability to trial evolving standards (protocols, etc..) without disrupting operations
- Multimedia ready
 - Unified Communications, VolP, etc...
 - Multicast Support (L2-L3)

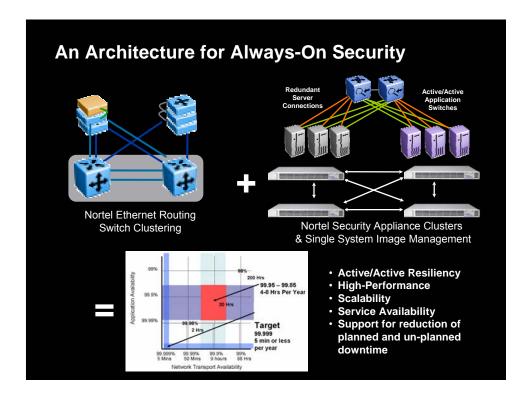
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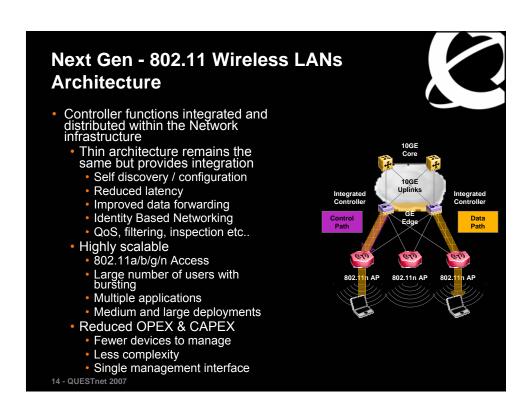




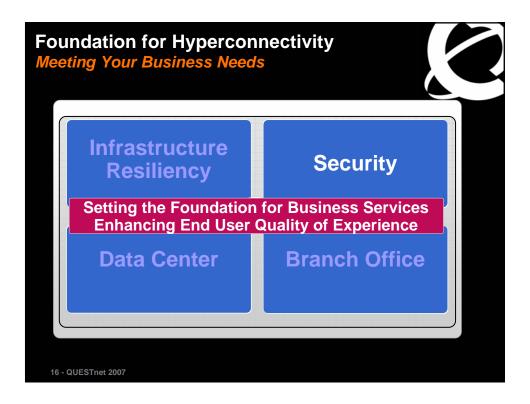


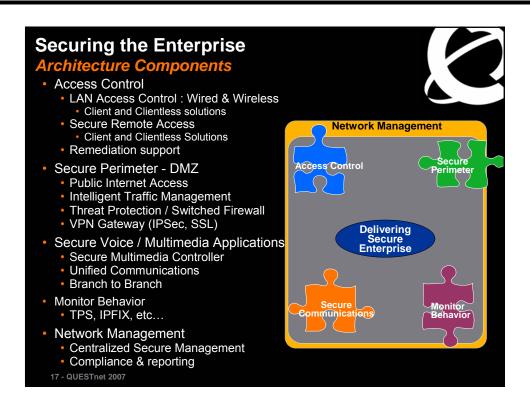


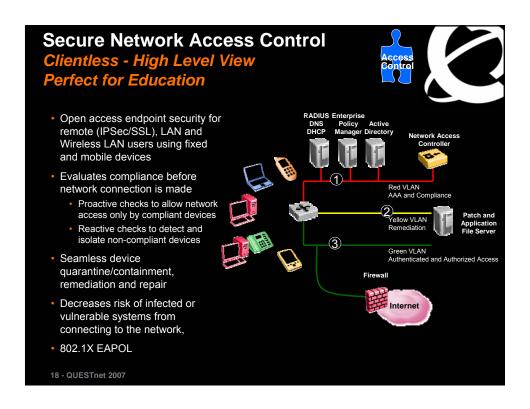


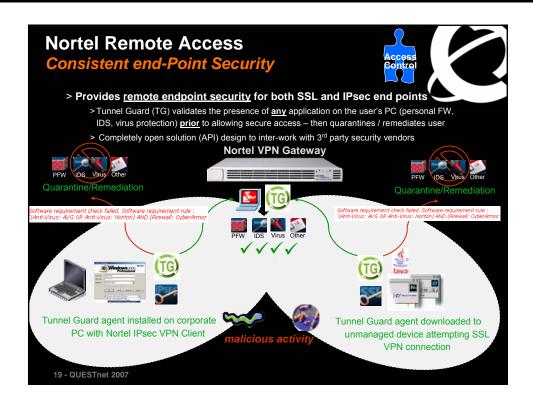


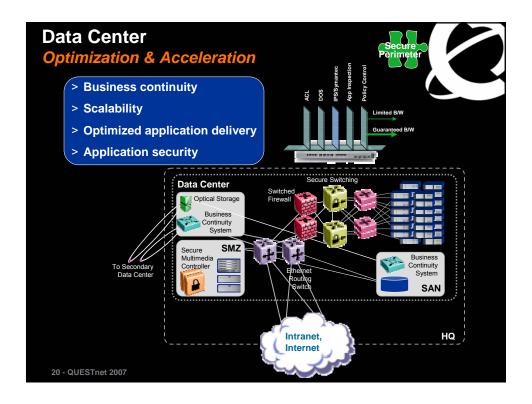
Addressing congestion (QoS/QoE) • During Congestion, QoS maintains critical business services • Ensure you have an easy to use and powerful QoS deployment tool • Test and validate end to end characteristics • Delay & Jitter for apps (QoE) • Test all characteristics under failure • Test deployment of QoS and validate impact (does it work?) • Get end user feedback throughout all validation • What tools are in place to monitor network behavior?

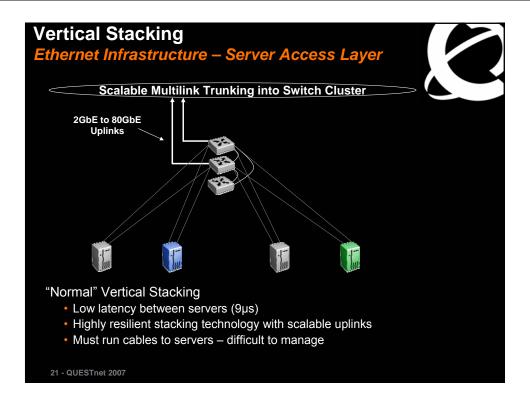


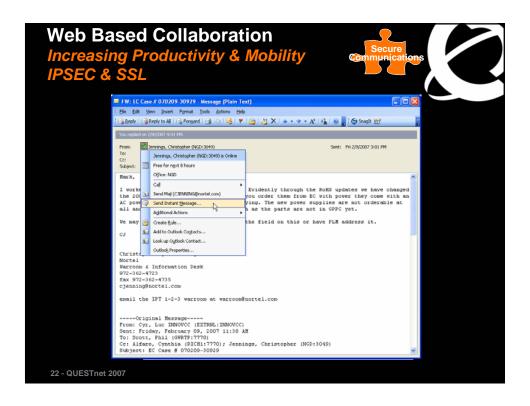


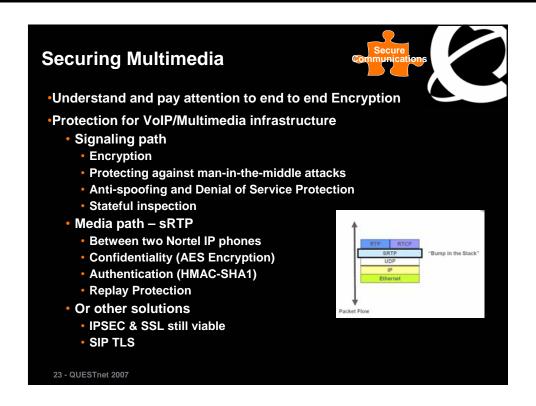


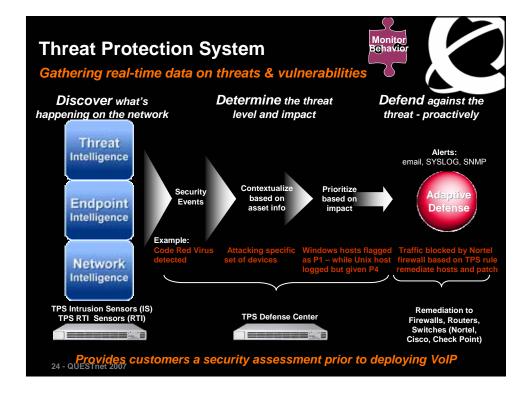


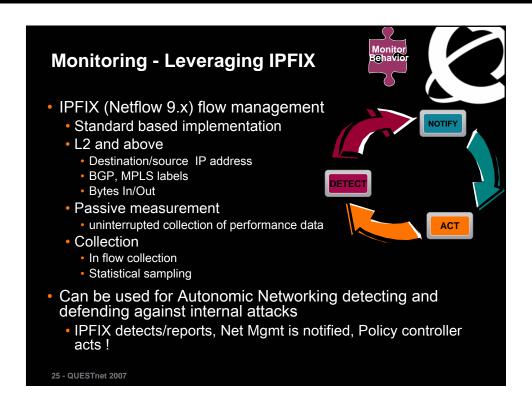


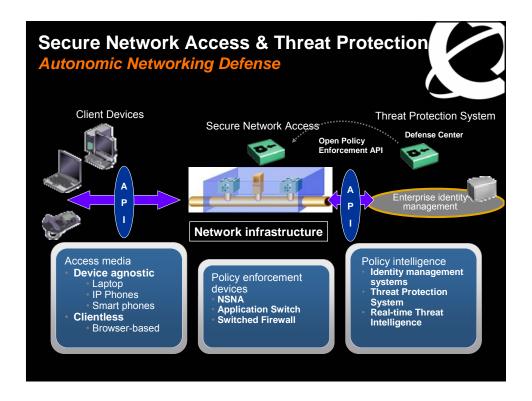












Secure Always-on Networking

"Best Practices"

- Eliminate as many (if not all) single point of failure
- Use Active/Active model for faster recovery and increased forwarding capacity
- Keep it simple, Resiliency ≠ Complexity
- Use Load Balancing, don't leave content idle
- Follow Best Practices recommendations : Converged Campus Solutions
- Ensure your Core & Data Center are protected
- · Resiliency & Security go hand in hand
- Understand your business impact tolerance and apply it to your infrastructure
- Do not forget the WAN connectivity Private or Public (Branch survivability)
- Don't get locked in Ensure inter-operability and easy transition
- Review Converged Campus Solutions Guide
 - http://www.nortel.com/
 - Search for "Converged Campus Solutions Guide"
- Tolly Reports Web pages
 - http://www.nortel.com/promotions/converged network infrastructure/

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