



Introduction – Problem Statement



- > Communication habits are changing
- >IT decision makers are looking for ways to improve costs and productivity while leveraging their existing investment in telephony systems



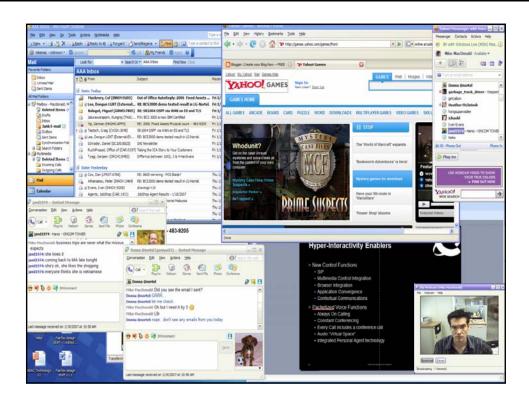
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A new communications model is emerging driven by a new generation and new technologies. To compete successfully in this space we need to understand the new market and communication trends.

- > Generational
 - Driven by technology
 - Different communication habits
 - New expectations
 - IM → Email → Voice
 - SMS → Voice
- > Communication efficiency
 - Ease of use
 - Unified messaging
 - Desktop and infrastructure convergence
 - Integration with business processes

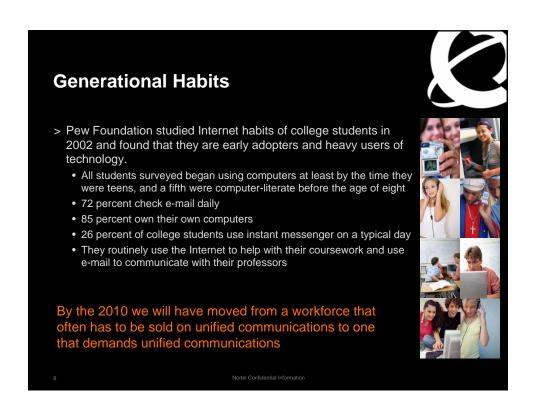
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The Net Generation



- > In a survey of 7,705 university and college students:
 - 97% own a computer
 - 94% own a cell phone
 - 56% own an mp3 player
 - 76% use Instant Messaging.
 - 15% of IM users are logged on 24 hours a day/7 days a week
 - 34% use websites as their primary source of news
 - 28% own a blog and 44% read blogs
 - 49% download music using peer-to-peer file sharing
 - 75% of students have a Facebook account [13]
 - 90% of college students have a myspace account and almost all teenagers over the age of 16 have one as well.
 - 60% own some type of expensive portable music and/or video device such as an iPod, Zune, etc.

Connecting to the Net.Generation: What Higher Education Professionals Need to Know About Today's College Students, Reynol Junco and Jeanna Mastrodicasa

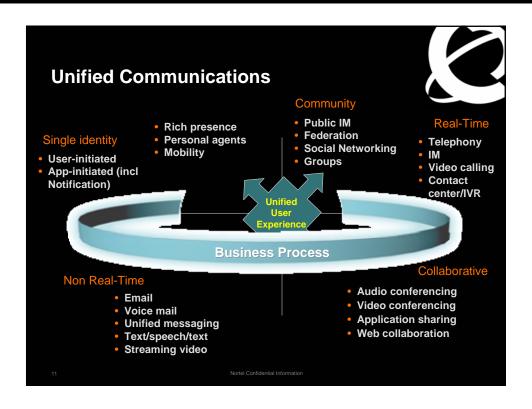
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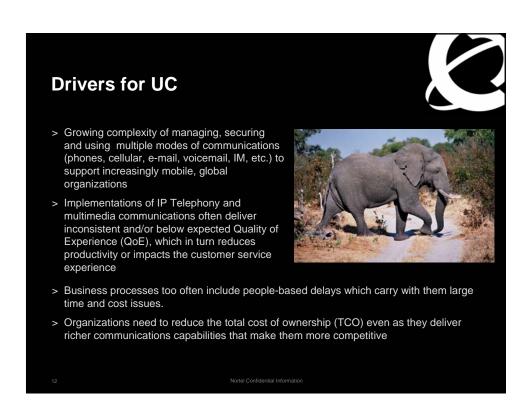
New Expectations



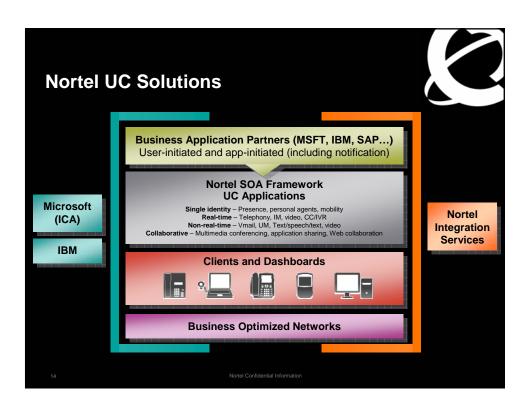
- > Expectations for Unified Communications
 - Presence embedded throughout all applications provides instant click-to-call and collaboration through ubiquitous access
- > Expectations for Real-time Access
 - Demand for instant gratification for digital information exchange
 - Immediate information
 - Change from an "I don't know how" to a "Google it" mindset
- > Expectations for Personalization
 - Control over personal digital world from customized homepages with wallpapers ringtones, RSS feeds to colorful accessories for products
- > Expectations for Community
 - Need for a larger and more diverse social network muting geographical and ethnic diversity
 - · Group and swarm behavior to problem solving

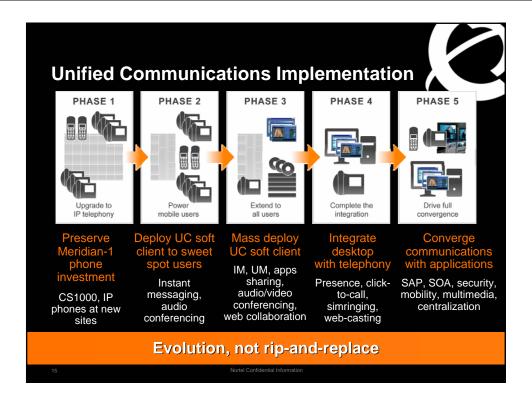
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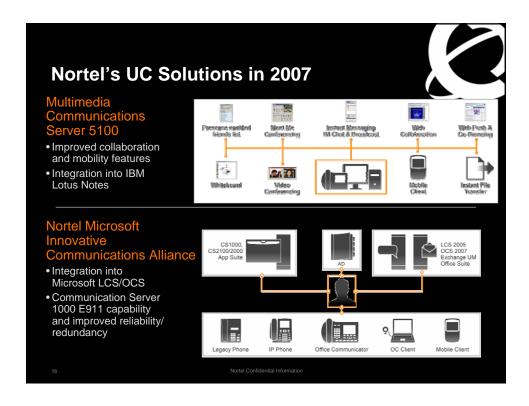


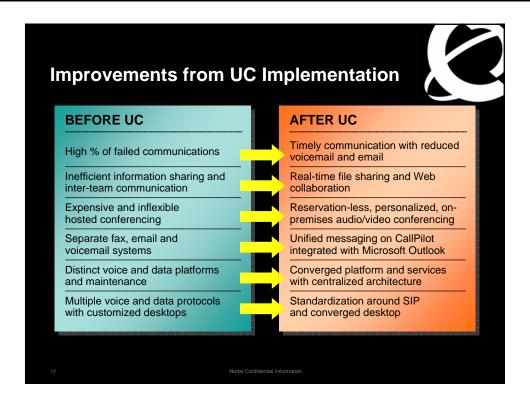


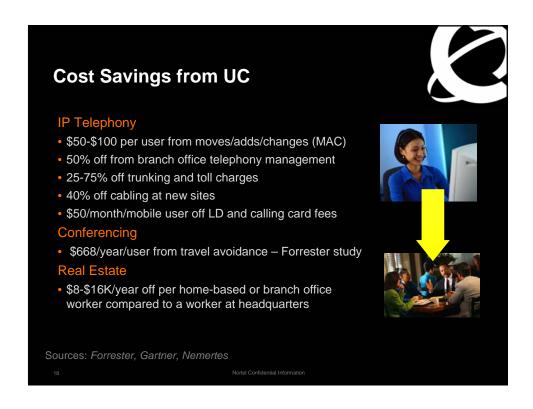


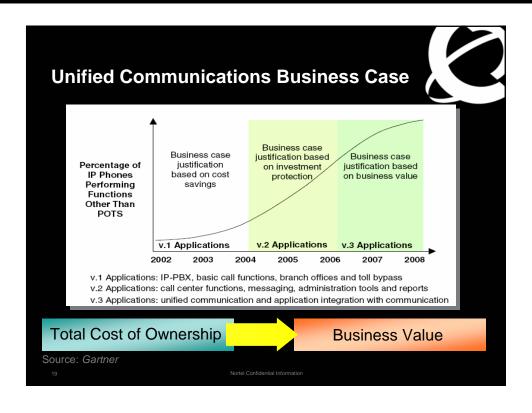


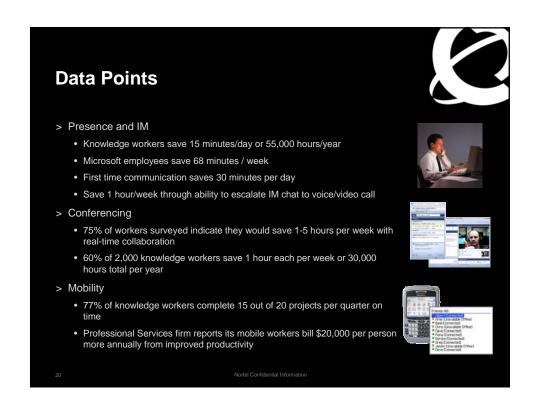












UC Value Proposition for Your Business



- > Is there value in accelerating speed to communication for your staff and students?
- > Do you have high telephony and/or hosted conferencing costs?
- > Is it your goal to provide a solid remote education and eLearning service?
- > Are you trying to differentiate yourself and promote the image of being an advanced learning institution?
- > Are you looking for a more collaborative and connected environment among staff, students, and professionals?

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Nortel-Microsoft Alliance Strategies for Accelerating Unified Communications > Integrated solutions (2006-08) to transformed solutions (2008-2010) > Branded Alliance with joint events, account planning and channel development > Nortel preferred for Integration services with joint collaboration centers | Go-to-Market| | Services | Servi

The Future

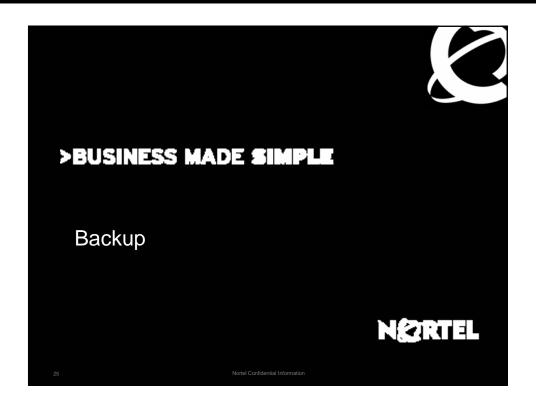


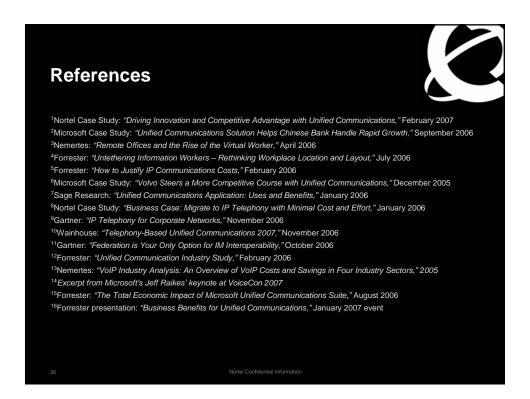
- Microsoft is delivering on the vision of Web 2.0 by developing technologies like mashups, wikis, blogs, RSS sites, My Sites, and unified communications into its SharePoint structure
- > Nortel is delivering the communication heartbeat with new multimedia applications via a seamless desktop experience
- > SharePoint is evolving through a series of upgrades to appeal to both business users and individual consumers
- > These technologies have "...to be compelling to IT people -- they want to save money -- and it must deliver instant productivity to individuals"
- > These technologies enable users to develop closer relationships with staff, students, professionals and the community

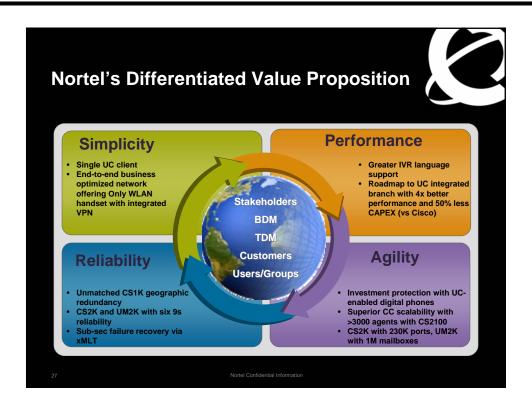
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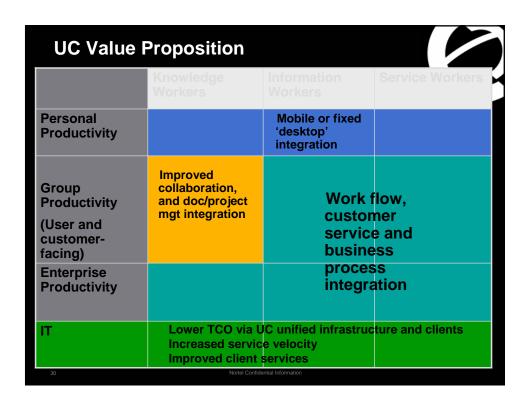


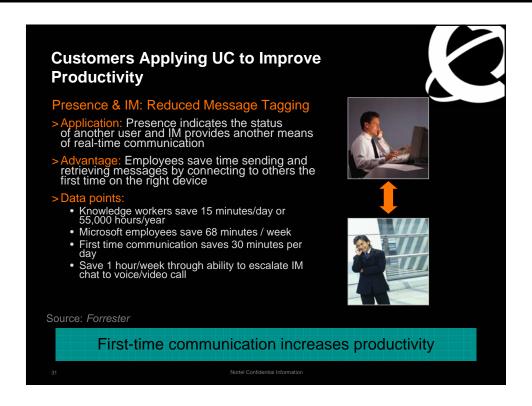


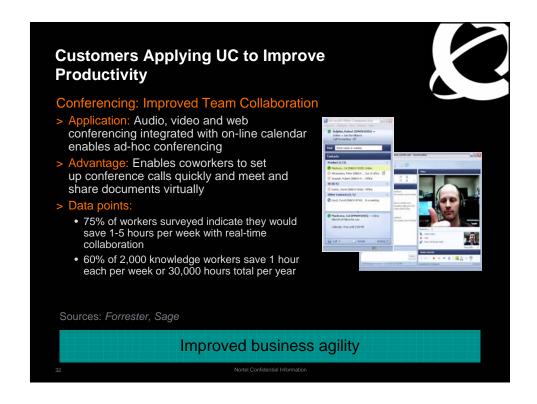


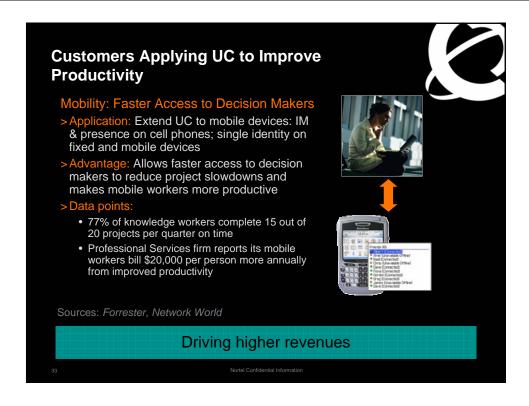


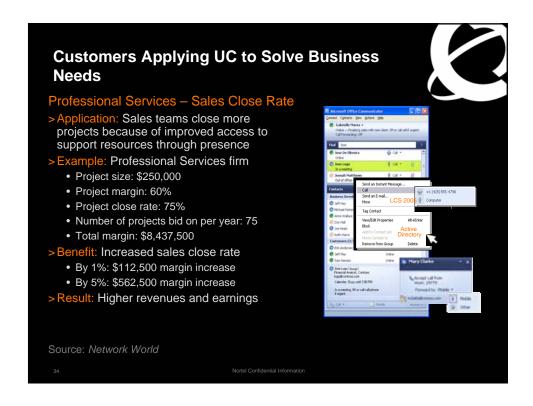




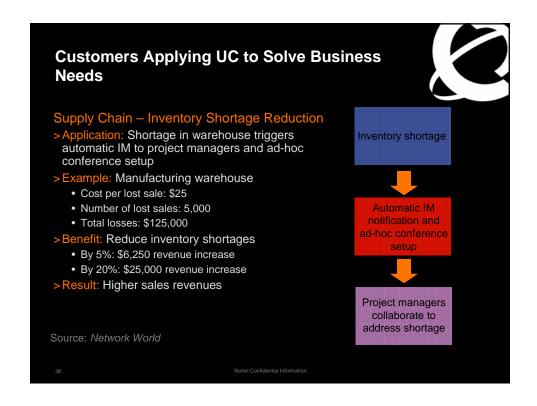




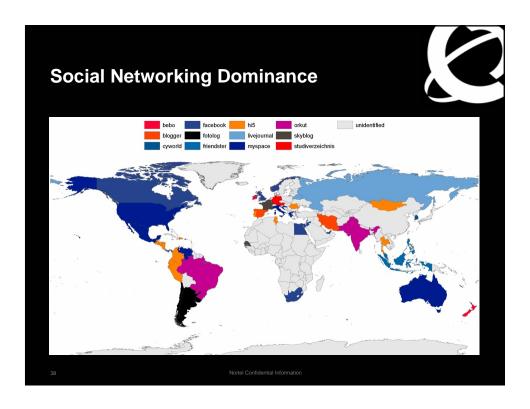




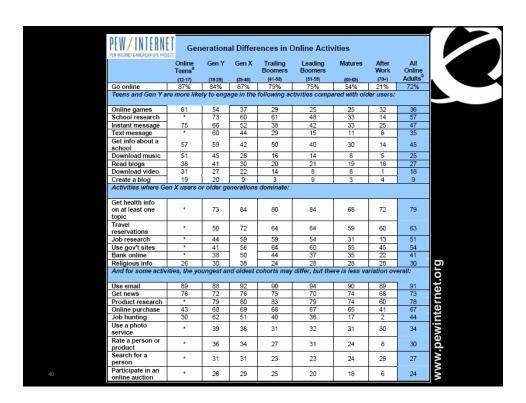
Customers Applying UC to Solve Business Needs Healthcare – Time to Care Application: Enable healthcare professionals to find immediate specialized consultants Example: Hospital care Radiologist to orthopedist Nurse to pharmacist ER to many specializations Benefit: Improves time to care through faster access to specialists Data point: Nurses with UC tools respond 7 minutes faster to patients Result: Cost savings and/or higher revenues from more efficient care Source: Wainhouse



IM Usage > AIM: 53 million active users (September 2006), "over 100 million" total (January 2006). > Jabber: between 40 and 50 million (January 2007). > Ebuddy: 35 million users (including 4 million mobile) (October 2006) > MSN: 27.2 million active (September 2006), 155 million total (April 2005). > Yahoo! Messenger: 22 million users (September 2006). > QQ: 20 million peak online users, 221 million "active"[9] (July 2006). > Sametime: 15 million (enterprise) users (undated) > Skype: 9 million peak online (January 2007), 137 million total (January 2007). Xfire: 6.1 million users (January 2007) Gadu-Gadu: 5.6 million users (June 2006). ICQ: 4 million active (September 2006). Paltalk: 3.3 million unique visitors per month (August 2006). MXit: 3 million users (majority in South Africa, more than 200,000 international) (31 January 2007). Note that these users are part of the Jabber user base as MXit federates with the Jabber network. PSYC: 1 million users, daily (majority in Brazil) (February 2007). Total amount of users cannot be estimated due to the decentralized nature of the protocol. > Meebo: 1 million users (October 2006) > IMVU: 1 million users (June 2007)







Social Networking Dominance



Some patterns from the data:

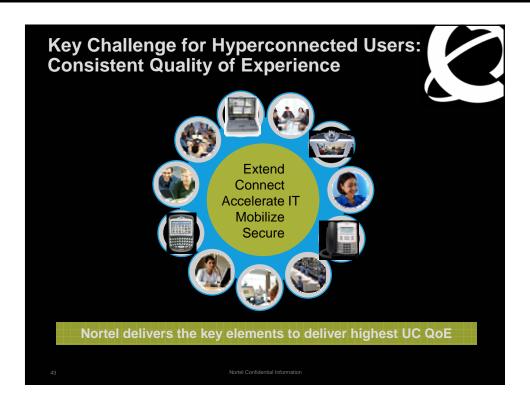
- > Orkut leads in the Indian subcontinent, as well as Brazil;
- > Facebook is stronger, internationally, than Myspace, with surprising strongholds in the Middle East;
- hi5.com is the most international of all the social networks, leading in Peru, Colombia, Central America, and other, scattered countries such as Mongolia, Romania, and Tunisia;
- > both Bebo and Skyblog follow colonial patterns, the first strong in smaller English-speaking countries such as Ireland and New Zealand, and the latter in Francophone countries;
- > and Friendster, the original social network, leads all across Southeast Asia.
- > Fotolog, a photo service defeated in the US by Friendster, has re-emerged as the dominant social network in Argentina and Chile.

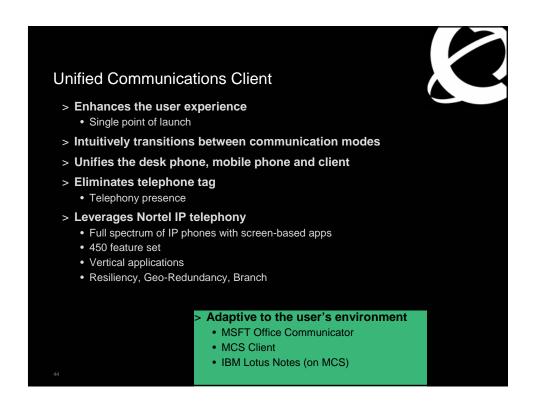
http://valleywag.com/tech/data-iunkie/the-world-map-of-social-networks-273201.php

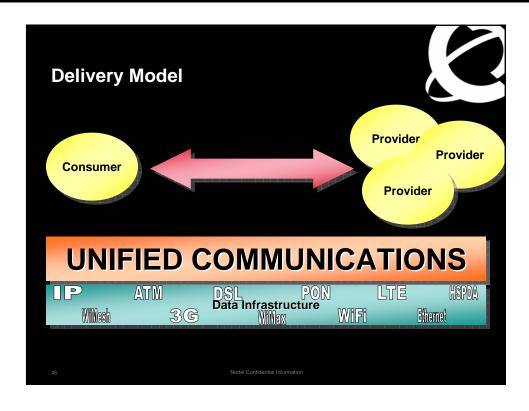
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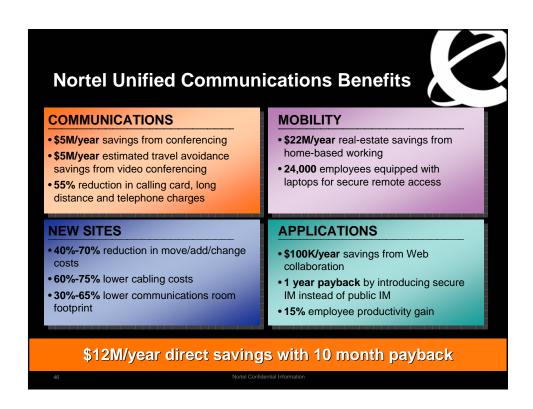
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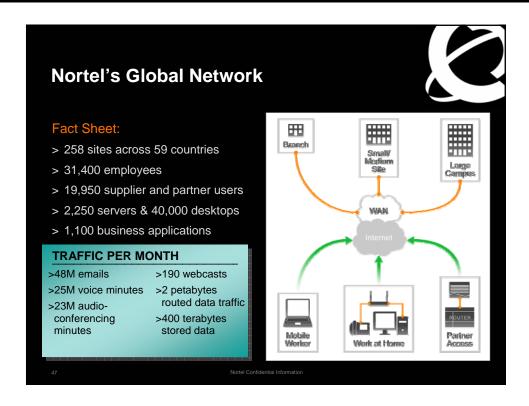
Information Resource Usage Wikipedia Traffic by Age: Four weeks ending 8/26/06 24.01 23.25 20% 17.11 11.38 10% 0% 18-24 25-34 35-44 45-54 Encarta Traffic by Age: Four weeks ending 8/26/06 14.40 10% 02 18-24 25-34 35-44 45-54 55+











Nortel's approach to UC Implementation - Target sweet spot users to justify the business case - Quick ROI for salespeople, teleworkers, and executives - Understand the challenges - Data network requirements: QoS, bandwidth, redundancy, security - New engineering and operating processes to support a real-time IP network - Use an evolutionary approach whenever possible - Protect investments and minimize implementation risk - Keep user offerings simple - Service bundles, user communities, SIP domain and email + dial plan alignment, standardized equipment - Use UC as an enabler for future benefits - Continued integration of applications and IP communications - Opportunities for business process improvement - Sustaining competitive advantage