

COMPAQ

Inspiration Technology

Mobile Users and Devices

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Agenda

- Mobile Users
- The Need For Wireless Data
- Mobile Convergence
- Growth of Wireless and Broadband Internet
- User Expectations & Requirements
- Mobile Device Categories
- Mobile Device Requirements

Mobile Users

- People becoming increasingly mobile
- Data importance rivaling voice
- Response times are shortening
 - Immediacy is now expected
 - Latency and bandwidth are critical
- Convergence is the rage



The Need For Wireless Data

- Personal Information Management
- Email & Messaging
- Corporate Data (Intranet, backend databases)
- Web surfing
- Consumer Services (News, Weather, Sports)
- E-commerce
- Multimedia (Audio, Video, Gaming)
- Location Based Services
- Voice over IP
- Unified Inbox (Email, Vmail, FAX)
- “Smart Information”
- Home automation and control



Mobile Convergence

Professional Needs

- Enterprise data access
- Corporate e-mail
- Corporate IM
- Collaboration
- Vertical applications
- Process mobilization
- Task lists
- Contact lists
- Voice

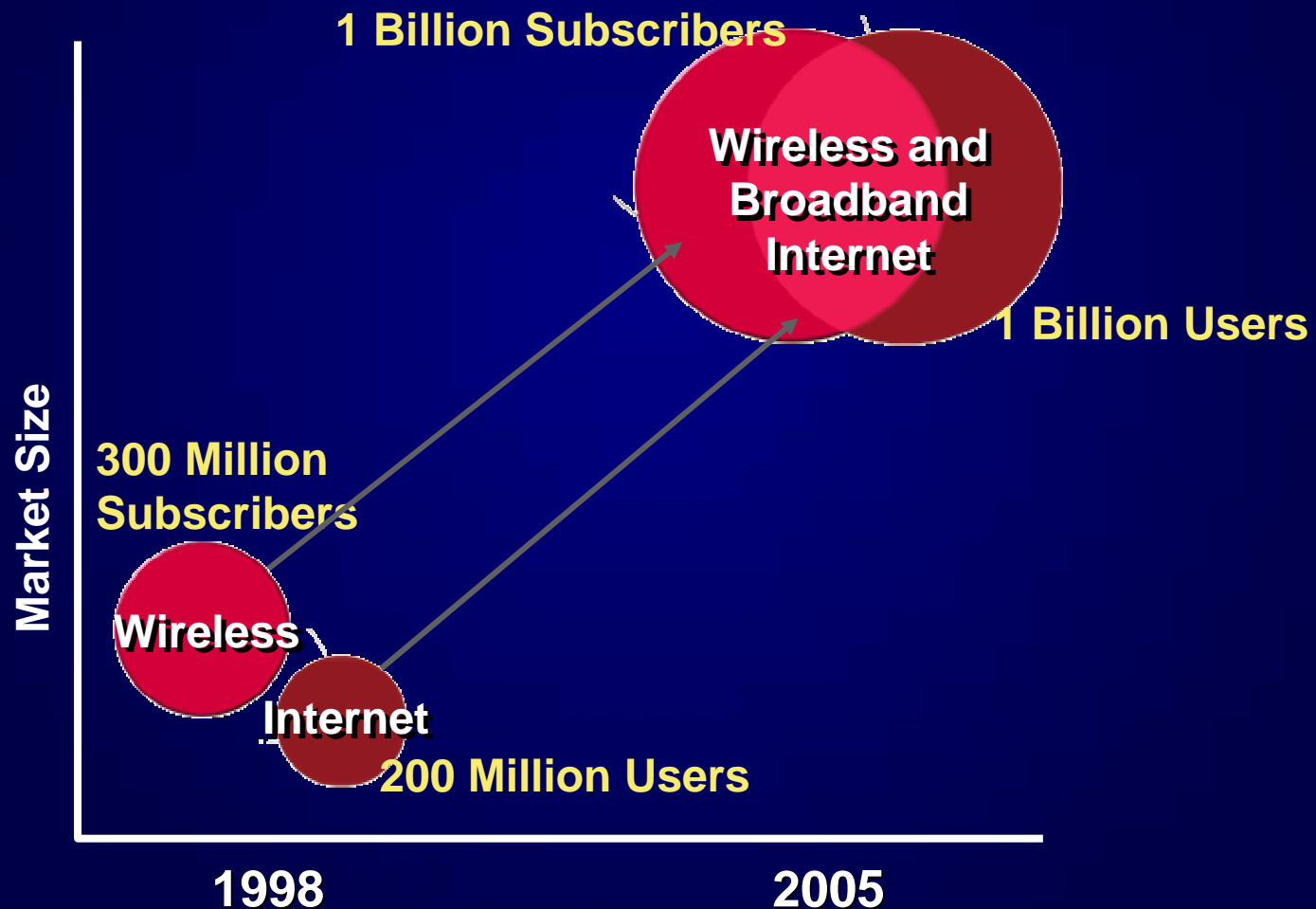
Personal and
Professional Lives
Are Blending

Personal Needs

- Stock quotes
- Travel schedules
- Financial data
- News, weather, sports
- Personal e-mail
- Personal IM
- Task lists
- Contact lists
- Voice

Up-to-date, up-to-the-minute access of information

Growth of Wireless and Broadband Internet



User Expectations & Requirements

- Expectations will increase (wired broadband experience)
- Security is critical!
- “Always” connected
- Ease of use / deployment / provisioning
- Flexibility / configurability
- Manageability
- Quality of Service
- Location based information
- Flat-rate pricing models
- Pricing will drive usage



Mobile Device Categories

- Notebooks / Tablet PCs
- Information (Internet) Appliances
- Personal Digital Assistants / Handhelds
- Smart Phones
- Pagers / Two-way Messaging Devices
- Phones



Mobile Device Requirements

- Low power
- Small size
- Low cost
- Low latency
- Fast connection
- “High” bandwidth
- Low analog system complexity
- “Easy” antenna integration
- Standard system interface
- *Standards-based*



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