The Future of Mobile Computing

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Agenda

- Mobile Computing
- Mobile computing today
- Why aren’t we moving faster?
- Where are we headed?
Trends and facts
What we see now: The big shifts

➔ All processes and content will be transformed from physical and static to digital, mobile, virtual and personal.

➔ Simplicity, manageability and adaptability are the new technology imperatives.

➔ Value is driven horizontally, not vertically.
2002 to 2007: Key global trends

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<th>Form factor</th>
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<tr>
<td>• Shift from desktop to mobile computing</td>
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<td>• Mobility drives sales of thin-and-light notebooks</td>
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<th>Components</th>
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<tr>
<td>• Performance — not clock speed — takes center stage</td>
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<td>• Wireless, weight, and battery life are key to mobility</td>
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<table>
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<th>Operating systems</th>
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<td>• Releases of Windows XP for media, tablet, and 64-bit</td>
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<td>• Linux gains a small desktop foothold</td>
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Key market concerns?

Mobility designed to help you reach your business potential

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<th>Security</th>
<th>Easy to Use Products</th>
<th>Reliability</th>
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<td>• Secure your data and reduce risk to lost competitive advantage</td>
<td>• Increase end user productivity and efficiency</td>
<td>• Reduce support cost and complexity getting better return on IT</td>
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<td>• Ensure only authenticated users access corporate data reducing risk of corruption</td>
<td>• Reduce IT cost and complexity with a suite of products designed to easily integrate into your business environment</td>
<td>• Reduce business operation cost</td>
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<td>• Less downtime enables increased revenues and profitability</td>
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Mobile Computing

• Consists of several devices and technologies:
  - Notebook PCs
  - PDAs
  - Mobile-phones / smartphones
  - GPS modules
  - Digital cameras
  - Portable scanners
  - GSM/GPRS networks
  - Wi-Fi networks

• Also require robust back-end systems for database hosting, processing and data storage
Where are we today?
Mobile Computing Today

• In East Africa business mobile computing is still relatively new
• Accounts for a negligible percentage of most organisation’s ICT infrastructure and investment
• Is more of market-hype and a buzzword but most organisations do not understand it or are unwilling to “experiment”
• Where it is used, it is limited to select few individuals in select few organisations mainly in private sector
• It is also limited to mobile phones and PDAs and using the GSM network
Why aren’t we moving faster

• Change is scary
• Mobile solutions are still largely sold in a fragmented manner. There is need for an integrated approach.
• Real-time communication options still limited and expensive
• Slow liberalisation of the telecoms sector
• Policy on ICT still not in place
Where do we want to go?
Moving Forward

- Encourage mobile computing in public sector. There are beckoning opportunities especially in the areas of utilities, policing, healthcare, civil registration, etc.
- Develop an integrated approach of mobile computing solutions provision.
- Develop other communication technologies especially Wi-Fi to drive costs down.
- Look beyond the mobile phone and PDAs.
Moving Forward - The Digital Pen

Ultra-mobile capture device
- With the HP Digital Pen 250 and ordinary office paper, you have the most mobile data-capture solution on the market. Plus its large memory and long battery life let you gather data and work for long periods without having to download or recharge.

Protect your pen with secure, sturdy attachments
- Protect your HP Digital Pen 250 from theft or loss by securely attaching the cradle to your desk, table, or stand and secure the pen to the cradle. Designed for intensive and repetitive docking and undocking, the cradle serves as a sturdy docking device in kiosk situations.

Performs even in the most remote and extreme environments
- Meeting IP 52 standard, the HP Digital Pen 250 can withstand harsh physical and environmental conditions — high temperatures, humidity, rain, dust, pressure, rough handling, dropping, direct sunlight, and vibration — without affecting performance.

Designed for personal usage
- Safeguard your data and ensure that you are the only one using your HP Digital Pen 250. Captured data is encrypted and pen content is password protected, plus a space for a sticker on the pen’s exterior identifies the pen owner and avoids confusion.