

Computing Trends and Its Implications for Education

Microsoft
Windows^{XP}
Tablet PC Edition

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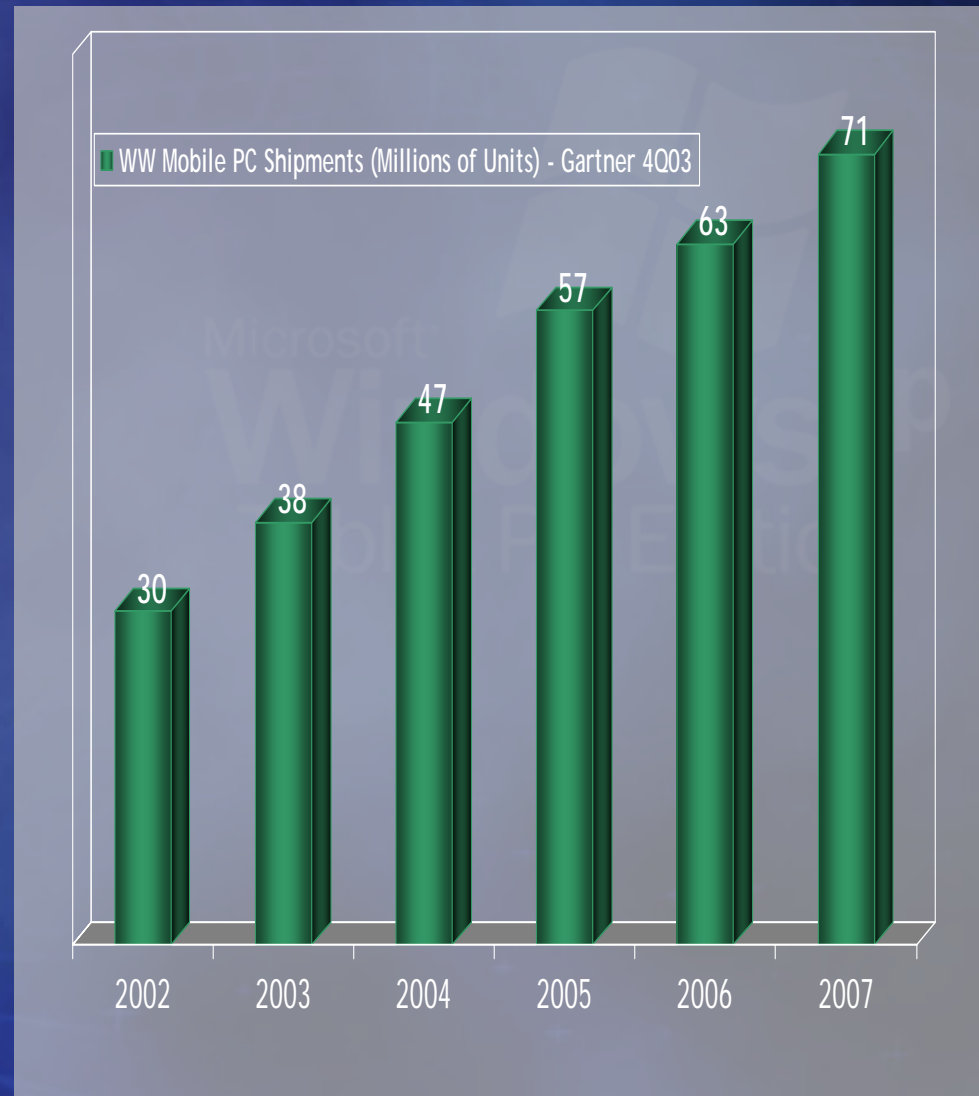
The Mobility Opportunity:

● Growth: Dramatic growth of laptop sales & share

- ❖ Rapid → much faster than forecasted
- ❖ Widespread → seen across regions & market segments
- ❖ Continuing → trend expected by all major forecasters

● Mobile Value: Laptops cost more than desktops

- ❖ Buyers will pay more for PCs that are less powerful
- ❖ Conclusion: Value is shifting from “speeds & feeds” to mobility



Mobile Technologies Used in More Places

At home



At work



On the move



Many more mobile computing devices with much more "on time" used by more people in more locations ...

What is Tablet PC

“Tablet PCs are fully-functional laptop PCs and more. While a Tablet PC has all the features a laptop computer does, it offers you the ability to use a pen to take notes or mark up documents in your own handwriting directly on the screen. The pen can do the things that you use a mouse to do, such as select text, drag icons, and open files. The Tablet PC can also convert your handwriting into typed text and recognize voice commands.”



Tablet PC Hardware

A Design For Every Need



Motion
Computing®



AVERATEC

Tablet PC Design Goals

Extend current mobile PC value proposition

Enable compelling new ways to use the PC

Operating System

- **Build on top of the power and familiarity of Windows XP Professional**
- **Support all Windows applications natively**
- **Incorporate native OS pen support that spans both navigation and input**

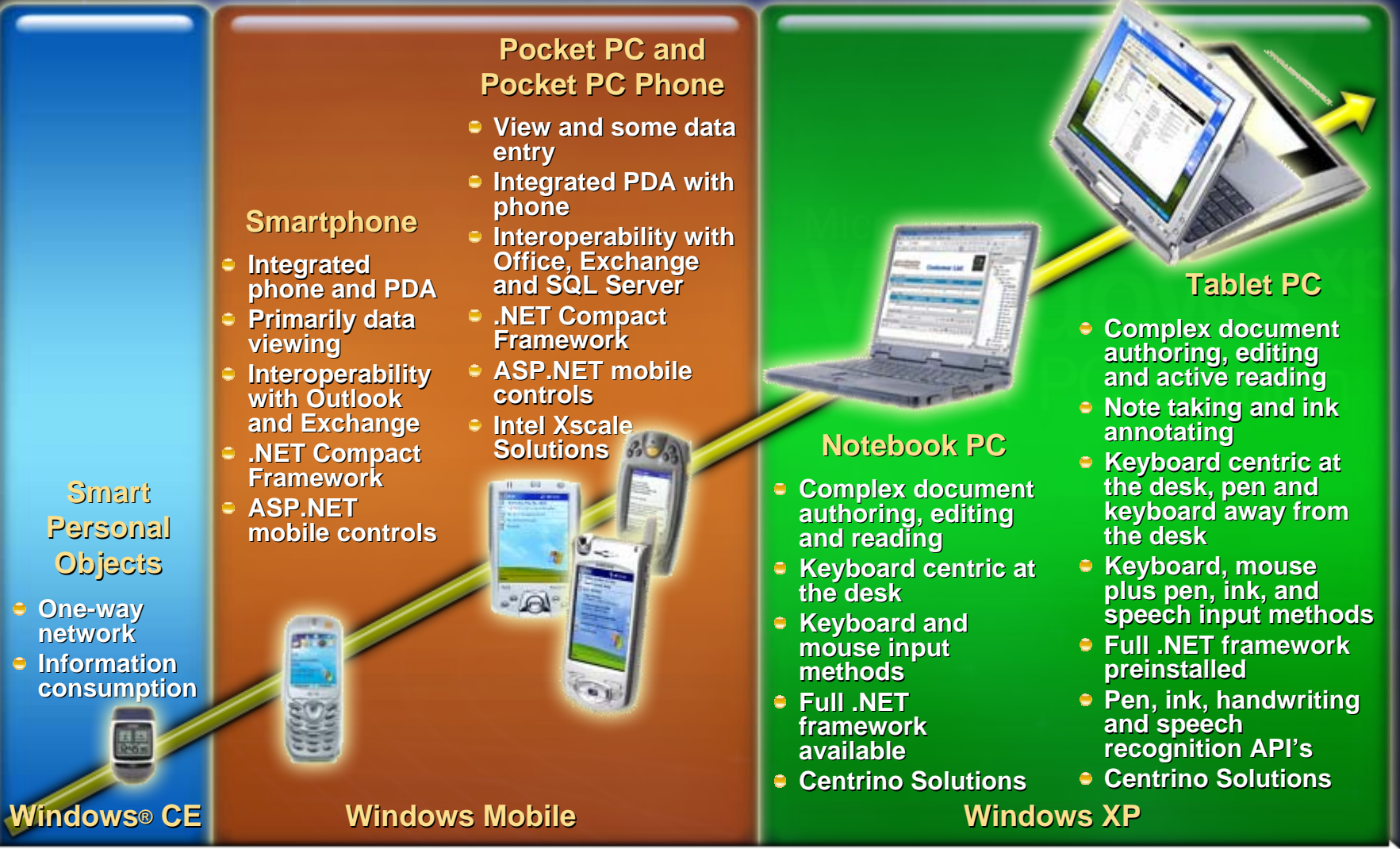
Hardware

- **Fully deliver on current mobile PC functionality**
- **Build on top of standard mobile PC hardware and components**
- **Enable ergonomic new usage scenarios based on pen input**

Platform and Application Support

- **Enable current applications to run "as is"**
- **Enable existing applications to be extended easily**
- **Deliver powerful platform for developers to create new applications**

Today's Devices Support Convergence



The Tablet PC & Windows XP Tablet PC Edition 2005



Windows XP Tablet PC Edition 2005



Design Priority

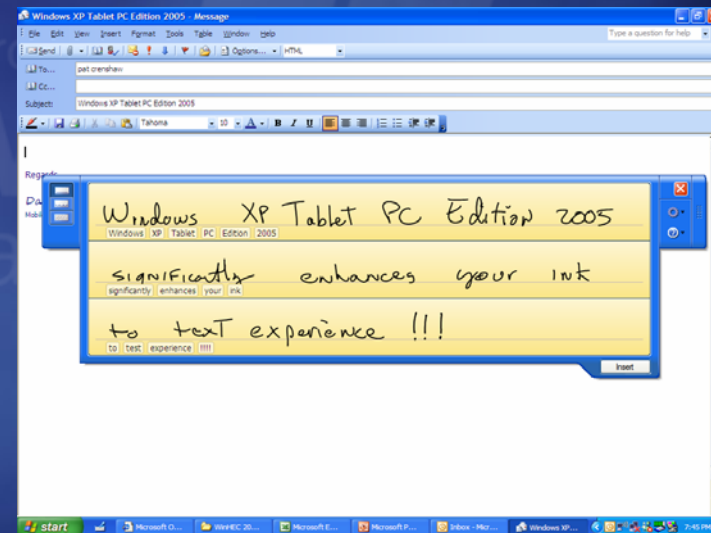
- Mainstream Pen and Ink functionality in Notebook PCs
 - ❖ Incorporate deeper support of ink into Windows shell
 - ❖ Deliver on key “ink to text” scenarios

Focus Areas

- Input Panel (TIP) redesign
- Context-sensitive handwriting recognition
- Recognition improvements for East Asia
- Platform enhancements

Timing: Available with Windows XP SP2

- Tablet MUI available
- Italian & WW Spanish SKU's now available
- New Tablet Recognizer Pack
- Available to existing V1 users as free download from the web



Windows Client Product Roadmap

2007




Microsoft
Windows
Code Name
Longhorn

2006




Microsoft
Windows
Code Name
Longhorn
Beta

2005




Microsoft
Windows^{xp}
Professional x64 Edition


Microsoft
Windows^{xp}
Service Pack 2
with Advanced
Security
Technologies


Microsoft
Windows^{xp}
Media Center Edition 2005


Microsoft
Windows^{xp}
Tablet PC Edition, 2005

Longhorn Mobile Feature Areas

More Available

Fast Access

Fast ON/OFF
Auxiliary displays

Battery Life

Power conservation
Power management
experience

Connectivity

Wireless networking
Easy home networking
Anywhere access

Synchronization

PC/PC & PC/server data
Offline web content

Transitions

Connected / disconnected
Conference room projection
& desktop multi-monitor
Power state transitions &
diagnosability

More Places

Natural

Input/Output

'Flicks' input gestures
Pen / shell integration
Personalization
Ink Watson
TIP Auto-Complete
Touch
Hardware buttons
Speech-to-text/commands
High DPI support

Context Awareness

Mobility Center
Presentation settings
Network adaptation

Security &

Manageability

HW enabled file & system
protection
Ease data backup & restore

More Scenarios

Collaboration

Ad hoc wireless networking
People near me: platform
People near me:
IM side chats
People near me:
Collaborative file sharing
Networked projection

Digital Ink

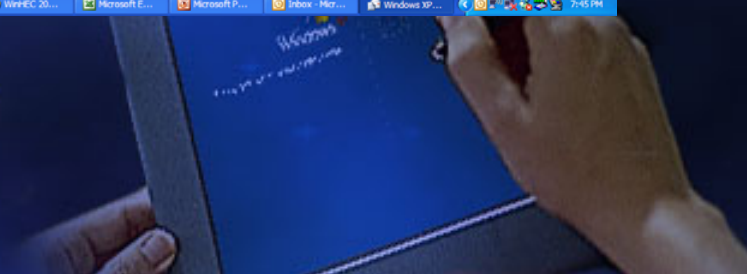
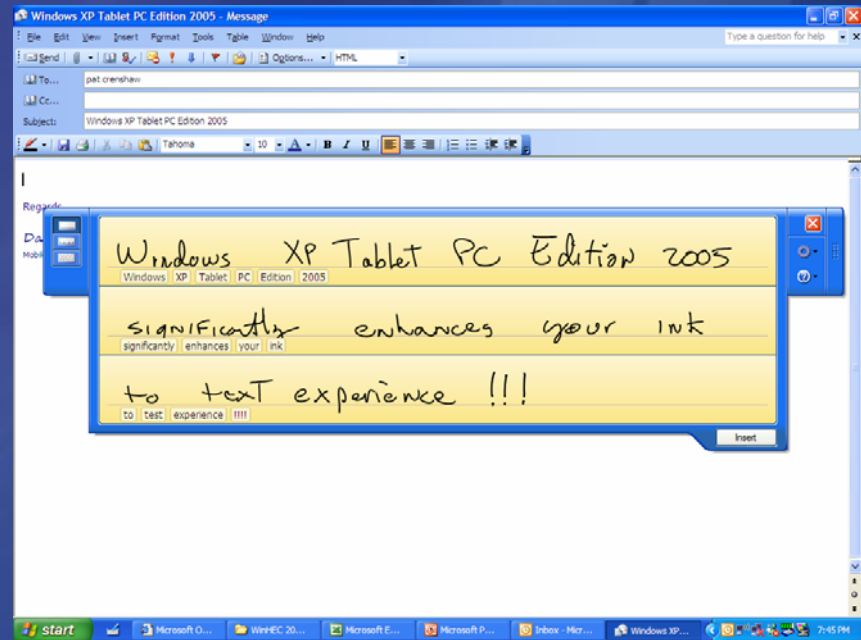
Note taking & drawing
Sticky notes
Annotating documents

Mobile Media & Entertainment

Instant media playback

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DEMO



demo

Office 2003 Tablet PC functionality

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Customer Usage Scenarios

Line Of Business Solution

Information workers in vertical enterprises
PC based forms solution, replaces paper process
E.g., Swedish Hospital, British Gas, Prudential

Business Productivity Notebook

Information workers in all types/sizes of businesses
Notebook for productivity use, usable in more places
E.g. Nationwide, Microsoft

Student Notebook

College and high school students
Notebook for productivity use + note taking in class
E.g., Winona State University, University of Virginia

Consumer Notebook

End users, dual users who shop at retail
Notebook w/more features, about the same price
E.g. Averatec 3500, \$1279 and selling out at Costco

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2005 Customer Deployments



1,300 Toshiba Tablets to equip entire pharmaceutical sales force



Starbucks Hear Music "media bar" uses HP Tablet PCs in stores; customers burn their own CDs

British Gas

6,000 Panasonic Tablets for service engineers



NYC Dept of Education

4,700 HP Tablet PCs for faculty and instructional coaches



5,000 Gateway Tablets for all incoming freshman & juniors



Third Party Applications

Over 350 ISVs worldwide

Horizontal



Agilix



Adobe

Alias

42%

Healthcare



STENTOR®

28%

Education



9%

Eng/Mfg



5%

Developer



5%

Other



11%

Demo of Applications

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More Information

- Learn more about Tablet PC, including case studies, whitepapers and deployment guidance at:
 - ❖ www.microsoft.com/tabletpc

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