



**3rd National Workshop and Tutorial on Handheld Computers in
Universities and Colleges**

University of Wolverhampton November 4th 2005

What Now?

Finding your way around your
PDA and the practicalities of support and
deployment

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Today...

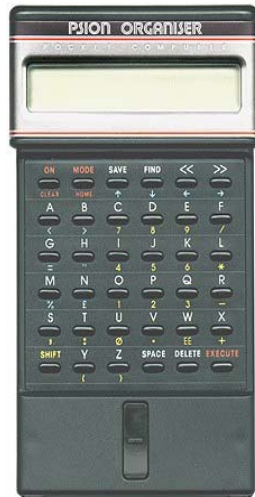
- PDAs Generally
- The PDA you have
- Deployment/Support
- Practical Session



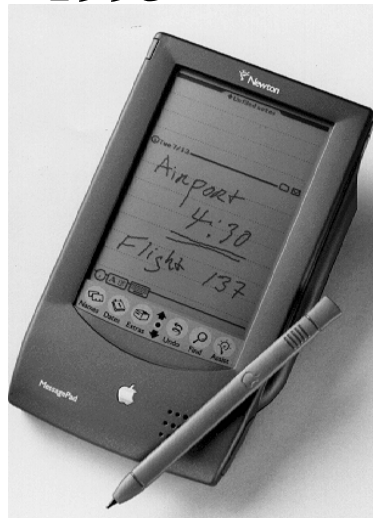
What is a PDA?

History

1984



1993



1996



1999



<http://members.surfeu.at/org2/psion1/>

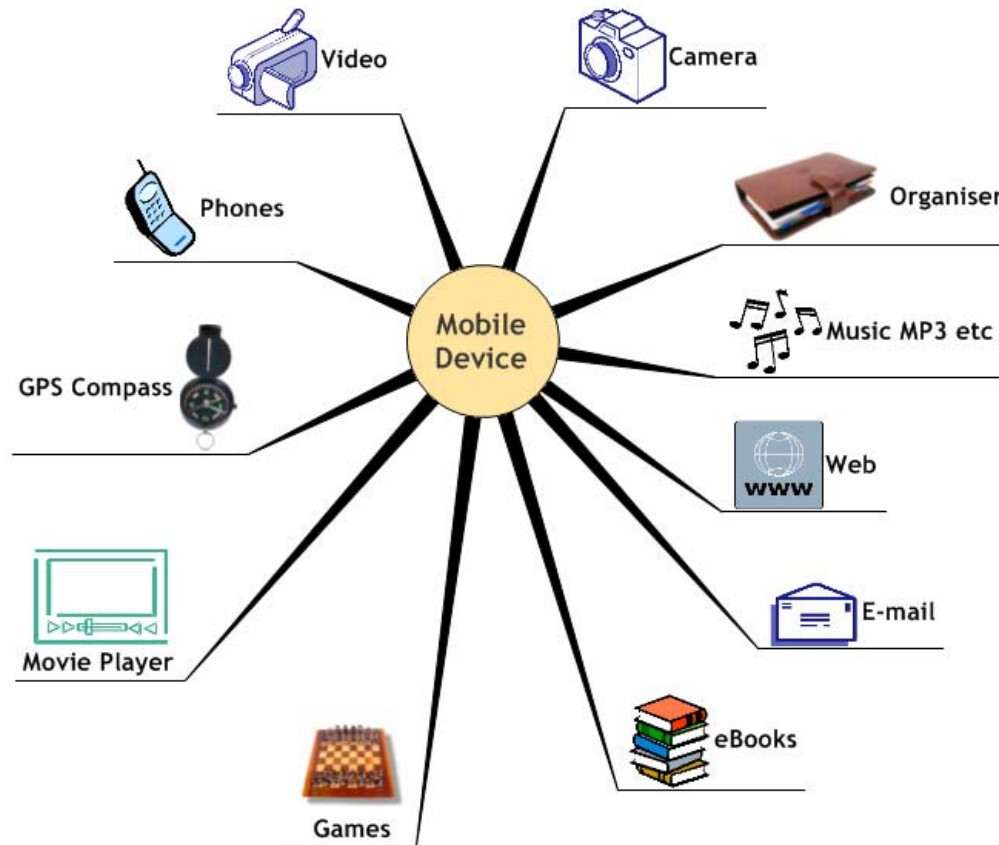


1996 PDA Specifications

<i>Operating System</i>	<i>PDA</i>	<i>CPU Speed</i>	<i>RAM</i>	<i>Screen Size (Pixels)</i>	<i>Battery Life</i>
<i>WindowsCE</i>	Hewlett Packard HP 300LX,	44Mhz	2MB	640 x 240	20 hours
<i>Palm OS</i>	Palm Pilot 1000	16Mhz	128K	160 *160	6-8 Weeks

First Palm and WindowCE Machine specifications.

Combination Devices

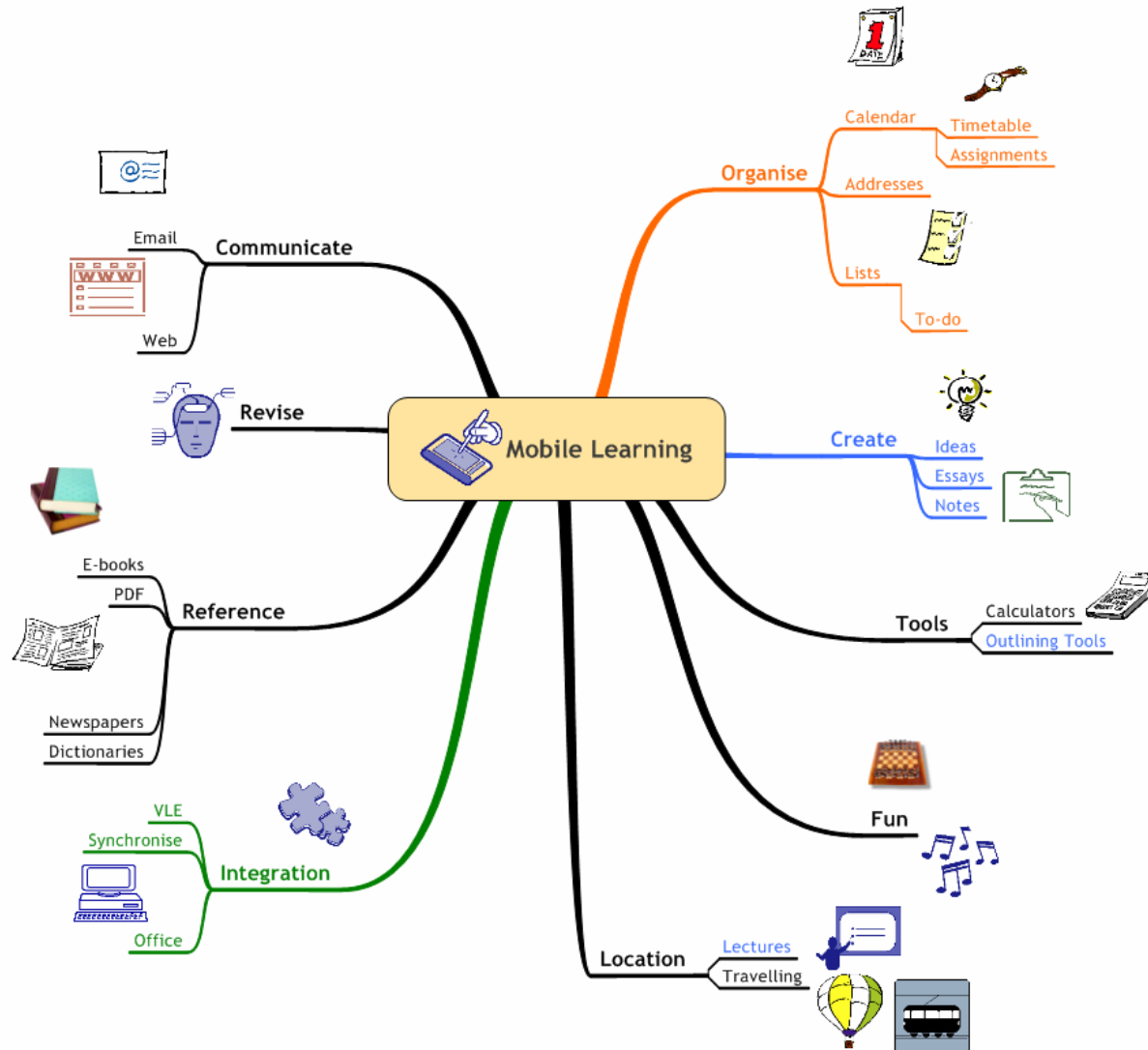




What can I do with it?

- Save carrying a laptop
- Read Books
- Carry Documents
- Play Games
- Lose your Data

PDA Uses





What's the best...

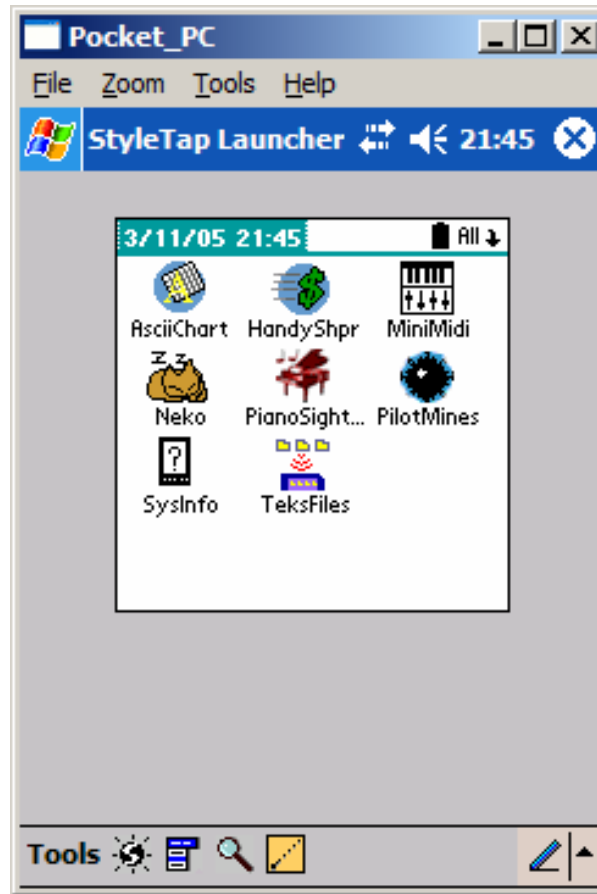
- Breakfast
- Car

- There is only *Best for You*

Pocket PC or PalmOS



Or have both!



Palm Simulator
www.styletap.com



Windows Mobile Versions

- Pocket PC
- Pocket PC Phone Edition
- Smartphone



Deployment and Support



Deployment and Support

- Training
- Syncing
- Materials Distribution



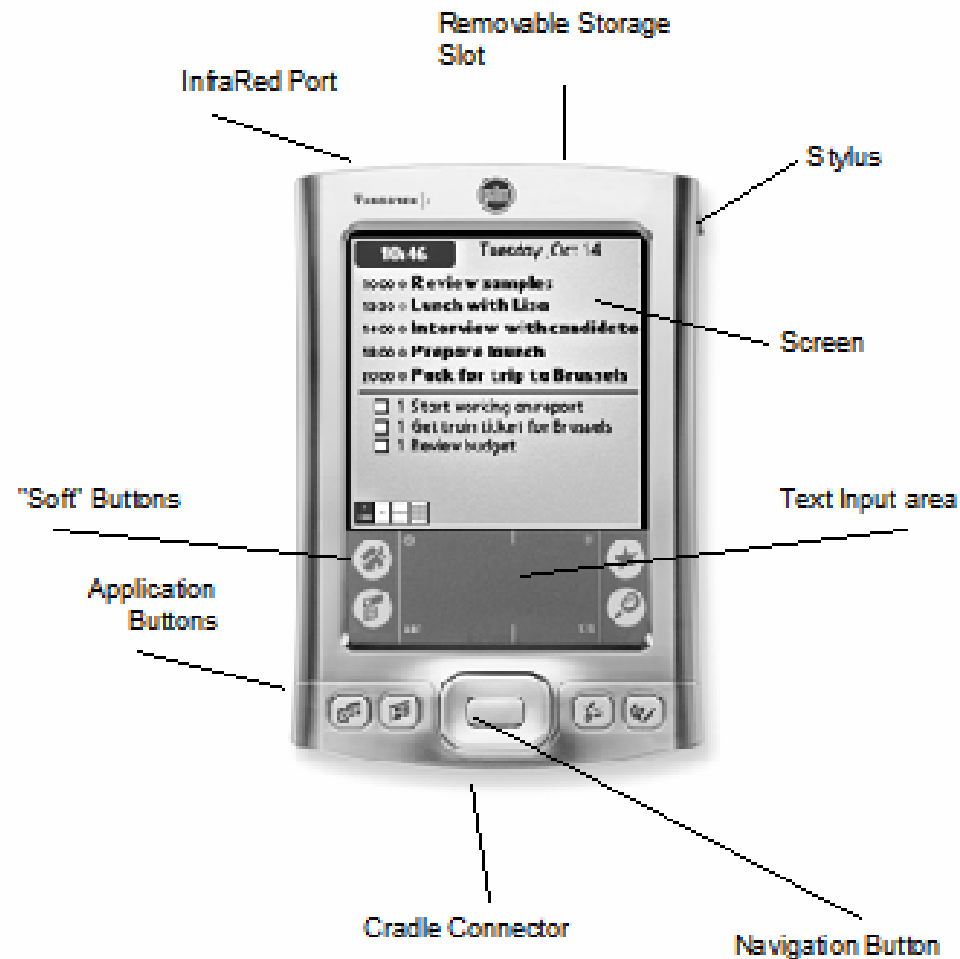
Interoperability with “Office” applications

- PocketPc Pocket Word Pocket Excel
- Palm PDAs are supplied with Documents-To-Go Standard Edition to support the editing of Word and Excel files on the PDA
- Most Palm OS machines are supplied with software to enable basic syncing with Outlook

Charging



Anatomy of PDA - hardware

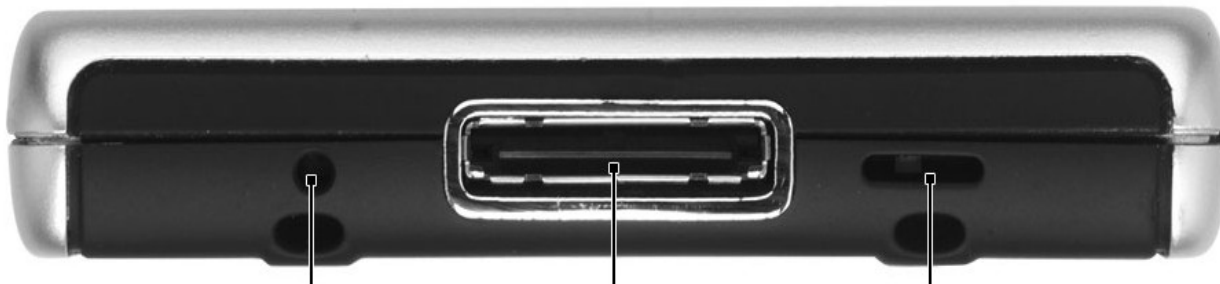
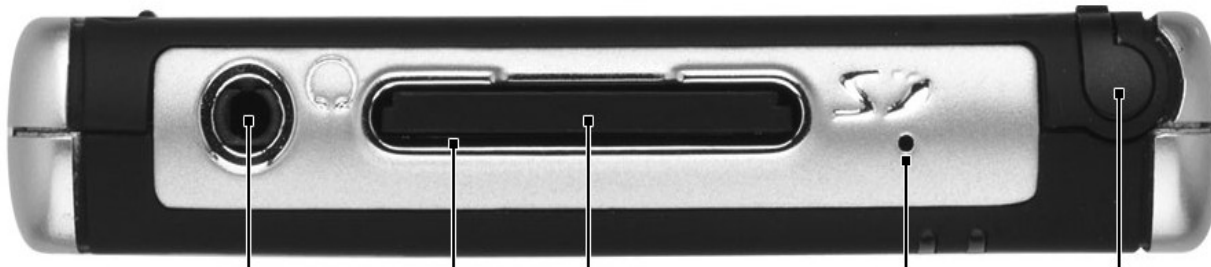


Anatomy of Your new PDA

- Buttons
- Ports
- Reset



More Anatomy

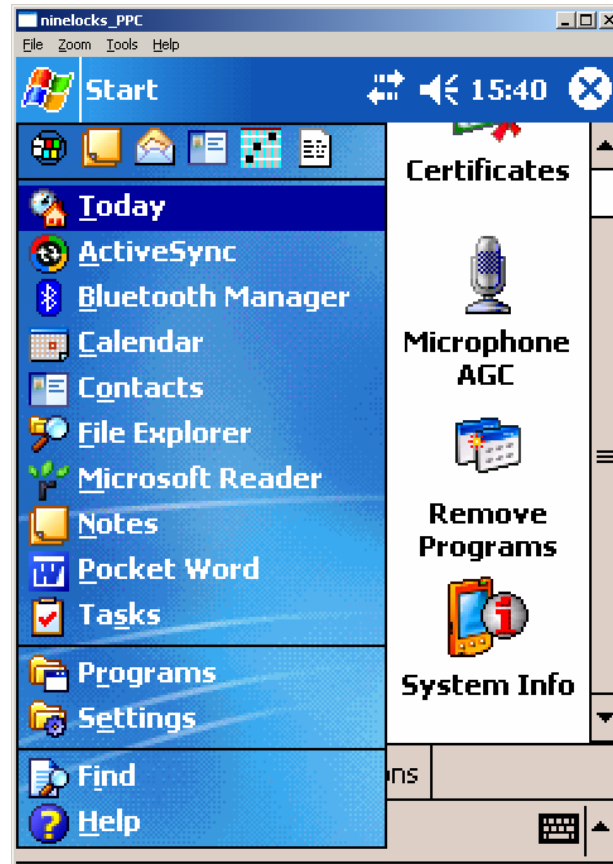




Anatomy of PDA - software

- Start Menu
- Today Screen

The Start Menu



The Today screen





Resets

- Soft Reset
- Hard Reset

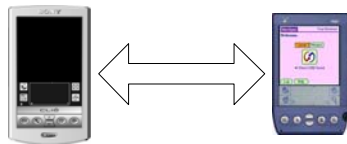


Installing

- CPU Versions
- From Desktop
- Via Beaming
- Call me a CAB
- Where did the Cab Go?

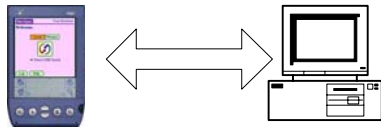
Beaming and File Transfer

Beaming of information and applications by Infra-red (or Bluetooth) is not limited to beaming between the same manufacture's PDAs. In many cases beaming may be a more flexible solution for exchanging files with a PC than ActiveSync.



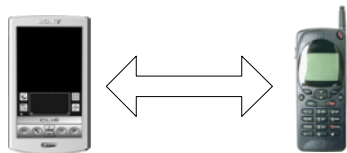
PDA-PDA

Exchange applications, data files, memos, appointments



PDA – PC,PC - PDA

Install Applications, text files, images, VCards



PDA – Phone, Phone - PDA

Exchange addresses, Calendar entries, VCards, images



Expansion and Add-ons

- Cards SD or MMC
- Keyboards

Batteries and Charging





Power, Travel, Charging

- Charging
- Optimising
- Portable Chargers and cables

<http://www.clove.co.uk/products/accessories.asp?strAreaNo=404&intElement=17977>

Portable Charging



CPC PART NUMBER PW01593



CPC Order Code: **CS12034**



Software – Sites

Download Websites

- <http://www.palmgear.com> Palm
- <http://www.pocketgear.com> PPC
- <http://www.handango.com> Multi-platform
- <http://www.freewarepalm.com>
- <http://www.freewareppc.com>
- <http://www.smartphone.net>

News

- <http://www.brighthand.com>
- <http://www.pdanews24.com>



Mailing Lists, Forums

- <http://www.jiscmail.ac.uk/pda-edu>
- <http://www.handheldlearning.co.uk>
- <http://www.pocketpchow2.com/>
- <http://www3.telus.net/~kdeanna/mlearning>



Books

- **Mobile Learning: A Handbook for Educators and Trainers.** Traxler, J. & Kukulska-Hulme, A. (Eds.) Routledge. ISBN 0-415-35740-2
- **How to Do Everything with your PocketPC.** Frank McPherson. Osbourne ISBN 0072229799
- **Handhelds For Doctors,** Mohammad Al-Ubaydli, John Wiley & Sons, ISBN 0470858990
- **Information Appliances and Beyond,** Eric Bergman, Morgan Kaufmann ISBN: 1558606009
- **Pervasive Computing,** Jochen Burkhardt, Addison Wesley (2002) ISBN: 0201722151
- **Zen of Palm** <http://www.palmos.com/dev/support/docs/zenofpalm.pdf>
- **The Invisible Computer,** Donald Norman, MIT Press (2002) 0 262 64041-4
- **The Palm Business Book,** Larry Becker (<http://www.thepalmbusinessbook.com/>)
- **Lose the Laptop,** Larry Becker (<http://www.losethelaptop.com/>)



Goodies And Power User Utils

PowerToys

<http://www.microsoft.com/technet/prodtechnol/wce/downloads/ppctoys.msp#EGAA>

More PowerToys

<http://www.phm.lu/Products/PocketPC/PowerToys/>

Better File Explorer/FTP Total Commander

<http://www.ghisler.com/ce.htm>

Battery Time Plus (Easier access to things like Screen brightness and battery life info on the Today Screen)

<http://www.freewareppc.com/utilities/batterytimetodaypluginforpocketpc.shtml>

Microsoft Tips

<http://www.microsoft.com/windowsmobile/articles/>

Registry Editor

<http://www.phm.lu/Products/PocketPC/RegEdit/>



Practical Session



Some Extras..

- Using the Special Sync Cable lets you view contents of USB device IF the device is re formatted as FAT (FAT16)

Settings

(below items in [] mean the tab at the bottom of the screen)

Set Device Name (often used for software registration)

StartMenu-Settings-[System]-About-[DeviceID]

Set Screen Brightness

StartMenu-Settings-[System]-Screen

Items on Start Menu

StartMenu-Settings-[Personal]-Menus

Kill a running or hung application

StartMenu-Settings-[System-Memory]-[running programs]

Automatic Switch Off Time

StartMenu-Settings-[System]-Power-[Advanced]

Applications

Voice Recorder

StartMenu-Programs-Notes Then Tap on Cassette Icon at bottom of Screen





If you cant find how To do Something

- Put a question into the forums at www.handheldlearning.co.uk
- Join the mailing list and post a question Pda-edu@jiscmail.ac.uk
- email me jont@ninelocks.com



Final Thoughts...

“Manifestly it is better to use simple tools expertly than to possess a bewildering assortment of complicated gadgets and either neglect or use them incompetently”

LTC Rolt, 1947



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