

Introduction to Your Personal Digital Assistant (PDA)

Palm Desktop Software Installation, Cradle Setup, and Your First Synchronization



The USU Medical PDA Initiative

Integrate PDA into the Clinical Setting

- Communication with students at clinical sites
- Clinical encounter log collection
- Clinical reference material access
- Clinical calculator access
- Shared calendar - information push
- Clinical site coordination



In April 2000 Dean Hemming established a SOM committee to examine and make recommendations to him about PDAs for medical students. The committee recommended that PDAs should be issued. In August 2000 the Dean charged BID to implement the initiative. Dean Abdellah charged the GSN to issue the same device. A working group of students, staff, and faculty devised a staged working plan to deploy the PDA – distribution and intro, usage training, communication deployment at USU, communication deployment to the MTFs, evaluation and refinement.

PDA Software

- 5MCC
requires code and installation (code to be distributed Oct / Nov 2003)
- Avantgo* + CWebLog requires registration and installation
or
PalmOS CWebLog Client*
- ePocrates* – clinical drug database
requires registration and installation
- MedMath* – medical calculator
- iSilo* or TealDoc* - text readers

*CD-ROM distribution Oct / Nov 2003



The committee recommended a TRGPro (now Palm Tungsten T) with these applications. You may, of course, add applications that you find useful. The PDAs are issued to you but you are responsible for maintaining the PDA in working order. During your clinical years, you are responsible to maintain these applications in a functional state. You will be expected to complete a two surveys covering your experience with the PDA.

Tungsten T



- Color Display
- Rechargeable battery
- Speaker
- Voice Memo
- Headphone Jack
- 16MB of SDRAM
- SD / MMC Slot
- PalmOS 5
- TI ARM 144 MHz



Display - 320 x 320 64K colors

Battery – Lithium Polymer

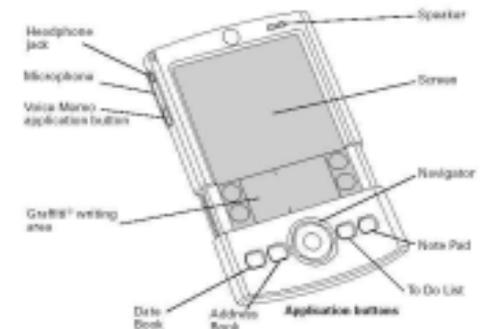
Expansion Slot – Secure Data or
MMC card

Texas Instruments OMAP1510
processor (an enhanced ARM-based
processor), running at 144MHz

Tungsten T



Tungsten T



Introduction

- Installation of the Palm Desktop software onto your PC
- Comes with Palm Desktop 4.1; newer versions work with your Tungsten T
 - Allows you to use handheld applications on your PC
 - Enables you to synchronize data (HotSync) on your handheld with the Palm Desktop software on your PC. Synchronization is one-step procedure that ensures data is safe and up-to-date.



Vocabulary

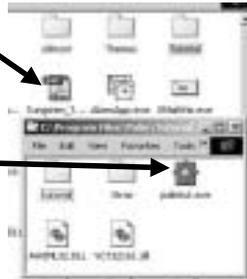
- HotSync: synchronize data between handheld computer and a desktop PC or server. You can HotSync via a cradle, a modem, IR, Bluetooth, or the Internet.
- Backup: A handheld application that is an alternative for backup if you don't have a PC with the Palm Desktop



It's important that you maintain a backup copy of the applications and databases on the PDA. You have two options today. If you have an appropriate PC, HotSync is the preferred method. If and when you don't have access to an appropriate PC, you may purchase a SD/MMC memory card and backup to this card.

Information You've Got!

- Tungsten Manual
Tungsten_T_Handbook.pdf

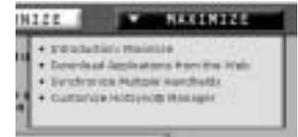


- Quick Start Tutorial
Start:Programs:Palm Desktop:
Quick Tour

- C:\Program Files\Palm



Information You've Got! Quick Start Tutorial



Before You Begin

- Is your computer appropriate
 - Windows 98/Me/2000/XP
 - Windows 95/NT (buy a serial cradle)
 - MacOS 9 or newer
 - A connection to the Internet (LAN or modem)
- Identify an available USB port



Windows XP support

- Palm Desktop 4.1 improves support for Windows XP, but be aware of the following limitations:
- Fast User Switching is not supported. Select Log Out rather than Switch User.
- Palm's USB driver does not have a digital signature.
- Upgrading to Windows XP may require driver reinstallation.



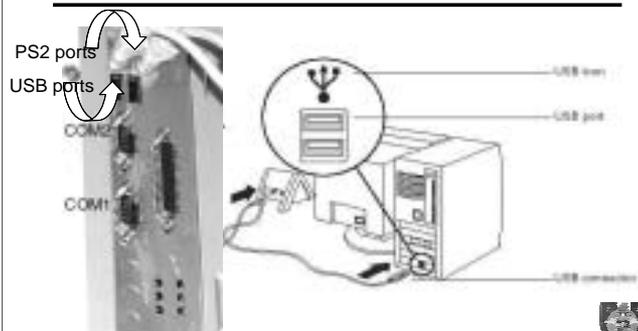
Palm Desktop software 4.1 provides improved support for Windows XP, but be aware of the following limitations:

- Fast User Switching is not supported. To switch between different users on a Windows XP system, select Log Out rather than Switch User. (Alternatively, quit Palm Desktop software and HotSync Manager before switching users.)

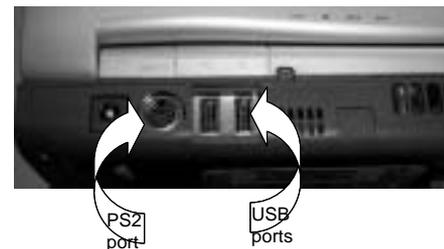
- Palm's USB driver does not have a digital signature. Windows may display a confirmation dialog box for permission to install a driver that has not been digitally signed. Answer Yes to his confirmation dialog.

- Upgrading to Windows XP may require driver reinstallation. When upgrading an older system (e.g., Windows Me or 2000) to Windows XP, the Palm USB driver may cease to function. To resolve this issue, run the Palm Desktop Setup program again.

Identifying the USB Port - Desktop



Identifying the USB Port - Laptop



No USB port?

Palm™ HotSync Cradle-Serial



Price:
\$29.95 USD

Product Overview

Model Number: 5100000

The Palm™ HotSync™ Cradle-Serial connects and synchronizes your Palm™ handheld and PDA to your PC or office. Simply slide your handheld into the cradle, push the HotSync button, and you have easy, automatic synchronization.
www.palm.com/HotSync

You will need to purchase a Serial HotSync Cradle!



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CD-ROM Discs



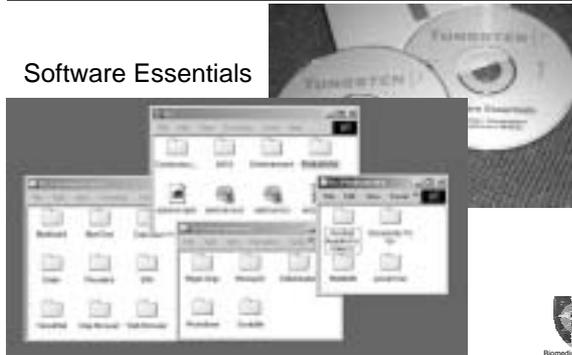
Desktop Software



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Software Essentials



Before Installation of the Palm Desktop Application

- Connect cradle to PC at USB port
- Do not place PDA in the cradle now



Palm Desktop Installation

- Exit any open programs (run at startup):
Microsoft Office Taskbar, virus-scan
- Do not copy the Palm Desktop software files to your PC's hard disk - you must use the *Setup* program
- Insert Palm Desktop software CD-ROM into PC's CD drive. If Setup window does not appear, double click the *Setup* icon to begin.



Upgrading from an Earlier Version of Palm Desktop

- You must uninstall your current version of Palm Desktop software before you install this version if you are using one of the following:
 - Palm Desktop 1.0
 - Palm Desktop 2.0
 - Palm Desktop for IBM WorkPad (any version)
- In all other cases, the Install Program automatically detects an earlier version of Palm Desktop software and updates the system files appropriately.



Be Prepared

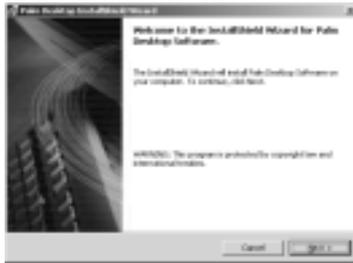
- When prompted for a name, use your GroupWise user ID e.g., jdoe or s5jdoe
- Follow instructions to complete installation. Insert your Tungsten into the cradle when prompted.



Palm Desktop Software Installation



Palm Desktop Software Installation



Palm Desktop Software Installation



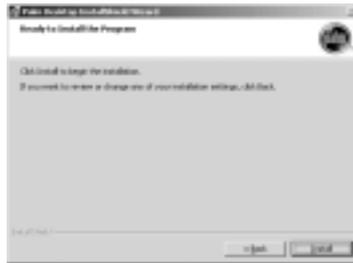
Palm Desktop Software Installation



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Palm Desktop Software Installation

Multiple Registration

Please enter your contact information to identify your handheld in case it is lost.

This software will permanently store your contact information on the handheld. You cannot edit this information.

Company Last Name

Address

City State

ZIP/Postal Code Country

E-mail

Work/Phone Home/Phone



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Almost Done

Multiple Registration

Now you're ready to synchronize your handheld with your computer.

1. Check to make sure you have:
 - Full-charged handheld
 - Charged or well-charged power source
 - Handheld in cradle or connected to the cable
 - Connected cable to your computer
2. Press the Hold/Yes button on your handheld.

Remember if you have set a pin on a handheld operator has your handset password be noted.



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Palm Desktop Software Installation



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Palm Desktop Software Installation



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Palm Desktop Software = Done



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Done? Well Almost

- Documents to Go
- WebPro Browser
- VersaMail
- Acrobat Reader
- Monopoly
- Scrabble



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Where to Get Information Manufacturer Resources

- Handbook for Tungsten handheld (PDF)
- After installation, refer to the online help in Palm Desktop software
- Palm website (support)
<http://www.palmone.com/us/support/tungstent/>
- Palm website (support)
<http://www.palmone.com/us/support/palmdesktop.html>



Where to Get Information USU Resources

- USU PDA Initiative website and discussion board: <http://cim.usuhs.mil/pda>
- Email: pda@cim.usuhs.mil
- Biomedical Informatics Department: 295-2163

