# netPad Range Briefing

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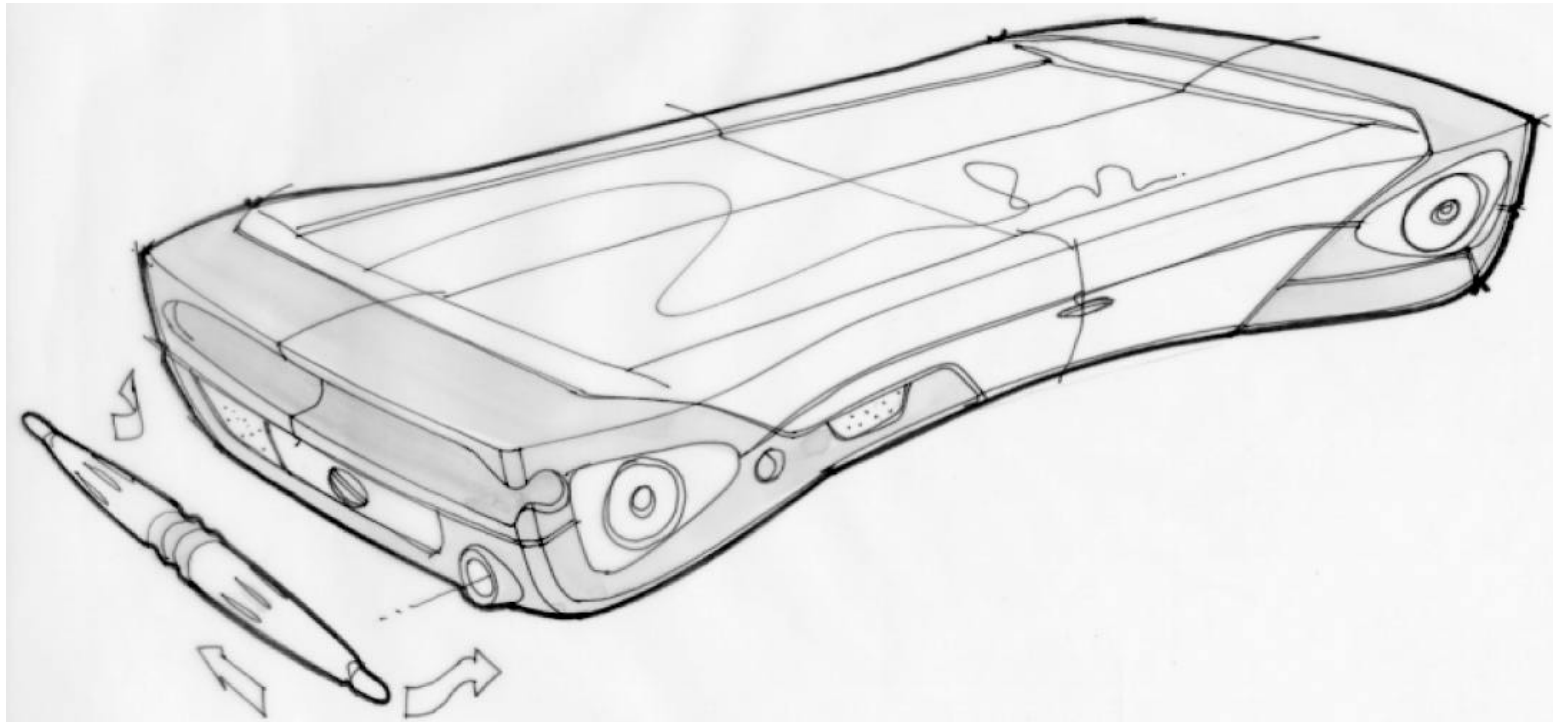- Third Party Applications
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# netPad - Overview

# netPad™

**A light-weight rugged tablet designed to be used wherever access to data, the internet or intranet is required**

# Key Benefits

- **Sharing its architecture with the netBook, netPad offers a familiar programming model**

- **Delivers *mobile* access to corporate information wherever & whenever you want**

- **Transcends traditional IT networks & structures capable of running full Java applications in a mobile environment**

- **Improved *competitiveness* through faster delivery of information**

- **Lower total cost of ownership than traditional mobile computers**

- **Improved time-to-market through faster implementation of business procedures/processes**

# Powerful and Simple

- **Powerful**
  - Java support – runs Java-based applications
  - industry-standard programming environment (C++ or Java)
  - mobile internet access
  - thin client with local processing
  - performance

- **Simple**
  - instant on, easy to use optional tools (email, web browser, PIMs)
  - fit for purpose
  - lower total cost of ownership
  - power consumption
  - portability
  - connectivity

# netPad Variants

- **netPad Standard Model (no navigation buttons)**

- **netPad Standard Model (with navigation buttons)**

- **netPad Standard Model with Scanning Option (thick unit)**

- **netPad WLAN Model with & without Scanning Option (thick unit) (with navigation buttons)**

- **netPad GSM Model with & without Scanning Option (thick unit) (with navigation buttons)**

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# Hardware Elements

# netPad Hardware

- **Screen**

- **Memory**

- **Ports**

- **Peripherals**

# Hardware: Core

- **The netPad is based on an ARM RISC CPU (SA-1110) running at 206MHz**

- **Fitted with 16Mb memory, upgradeable to 64Mb**

- **Symbian's ultra-reliable EPOC 32-bit OOP O/S**

# Hardware: JAVA

- **Built-in Java Virtual Machine**

- **Based on Java 1.1.4**

- **Certified by Sun Microsystems**

- **Fastest interpreter of any mobile device**

- **Very useful when browsing e-business sites**

# Hardware: Casing

- **Rugged tablet form factor – IP67 targeted**

- **256-colour Half VGA (640x240) transmissive touch-screen (optional Monochrome and Transflective screens)**

- **Back-lit passive LCD technology**

- **Operation in either portrait or landscape mode**

- **Soft keyboard**

- **netPad navigator and buttons**

- **18 bit sound with microphone and speaker**

# Hardware: Ports

- **RS232 serial port**
  - Micro-D connector
  - Up to 115200 baud
  - Routed via the IrDA port on docking station

- **IrDA port**
  - FastIR (IrDA1.1) up to 4Mb/s supported
  - Compatible with most other IrDA devices

**PSION TEKLOGIX**

• **MMC Card Slot**
  – Memory cards from 8MB to 64MB available

# Hardware: Battery

- **Uses proprietary Li-ion pack**

- **Re-charger is built into machine, so its automatically charged when on mains via the docking station**

- **15V mains adapter charges in 2.5 hours**

- **Spare packs available**

- **Backup Battery: Lithium cell, life span 55 hrs**

**PSION TEKLOGIX**

• **Standard Docking Station**

– Serial Communication via IrDA port (single RS232 port) & charging

– Operation in portrait or landscape mode

– Desk, wall & in-vehicle mountable

• **Enhanced Docking Station**

– Serial Communication via IrDA port (dual RS232 or USB ports) & charging

– Operation in portrait or landscape mode

– Desk, wall & in-vehicle mountable

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# netPad Optional Applications

# Applications

- **Word processor & Jotter**

- **Web browser & e-mail**

- **Database & Spreadsheet**

- **Sketch & Record**

- **Utilities**

*All applications are optional*

# Applications

- **Word**
  - Similar to Microsoft Word
- **Jotter**
  - Allows quick entry/sorting of notes imitating a Rolodex
- **Web**
  - Psion's Browser for the World Wide Web
- **E-Mail**
  - E-mail client uses TCP/IP of Web app
- **Data**
  - Allows storage of information like a card index system
- **Sheet**
  - Similar to Microsoft Excel

# Applications

- **Sketch**
  - A drawing/sketching graphics program
- **Record**
  - Used for the recording and playing back of sounds
- **Utilities**
  - Contacts
  - Agenda
  - Time
  - Calc
  - Comms
  - Program
  - Spell
  - Bombs

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# netPad Connectivity

# Connectivity

- **PC connectivity**

- **Web/E-Mail connectivity**

- **netPad to netPad connectivity**

- **Network connectivity**

# Connectivity: PC

- **Use PsiWin 2 software to integrate the netPad with a PC running WIN 95/98 or NT 4.0**

- **By connecting the netPad to a PC via the docking station using a serial cable and running PsiWin, you can:**
    - View netPad files
    - Drag and drop files
    - Synchronise Agenda files and your address book
    - Back up your netPad files to the PC and then restore them from the PC to the netPad
    - Print files on your netPad to a printer connected directly to your PC

# Connectivity: Web/E-Mail

- **LAN**
  - WLAN (802.11)
- **WAN**
  - Data-enabled mobile phone connected via infrared
  - GSM 900/1800 MHz & 900/1900 MHz

# Connectivity: netPad to netPad

- **Infrared**
  - Allowing users to send and receive files between netPads

# Connectivity: Network

- **RAS - using a direct cable link to a WIN NT PC connected to a network**

- **irLAN - using an infrared receiver connected to a network**

- **WLAN - using a PCMCIA radio card talking to an access point connected to a network**

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# 3rd Party Value-Added Applications

# 3rd Party Value-Added Applications

- **Opera Web Browser**

- **Oracle 8i Lite**

- **Citrix ICA client**

- **IBM MQ Series Everyplace and IBM DB2 Everyplace**

- **Informix Cloudscape**

- **Others**

**OPERA** software

- **Web Browser**

- **Supports all features of the in-built browser, plus:**
  - Runs faster
  - Supports Javascript
  - Supports SSL security features

# 3rd Party Value-Added Applications: Oracle 8i Lite

Oracle8*i* Lite

- •**Provides users access to Enterprise information from any location at any time**

- •**An object relational database specifically designed for Mobile Computing**

- •**Allows seamless synchronisation with a central Oracle database within an Enterprise**

# 3rd Party Value-Added Applications: Citrix ICA Client

**CITRIX**®

- **Provides a "Window" into the corporate network on a netPad, netBook, Series 7, 5mx, Revo**

- **Server-based Computing**

- **Allows the use of Windows, UNIX and Java based applications**

# 3rd Party VA Applications: IBM MQ Series Everyplace and IBM DB2 Everyplace

- **MQ Series Everyplace**
  - Middleware software providing portable secure messaging
  - Allows users to access corporate data securely while on the move

- **DB2 Everyplace**
  - Provides access to your Enterprise data
  - Provides a local data store on the netPad for storing relational data from elsewhere in the Enterprise

# 3rd Party Value-Added Applications: Informix Cloudscape

**Inform*ix*** SOFTWARE

- **A database management system written in 100% Pure Java™**

- **Designed to be embedded in client or server applications as a local data manager**

- **Goes beyond the classical relational database management products to deliver true Java object support within the DBMS itself**

# 3rd Party Value-Added Applications: Others

- **Extend Connect**

- **Sybase SQL Studio Anywhere**

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# Support Resources

# Support for netPad

- **netPad onboard Help**

- **Help Manual on netPad CD ROM**

- **netPad PDK on the Partner Program website -
  www.enterprise.psion.com/teklogix**

- **Technical Support via email: ind-support@psion.com**

# netPad™