

LabVIEW for PDA Deployment

NI LabVIEW PDA Module

- Create custom Windows Mobile applications using the NI LabVIEW graphical development environment
- Target standard, industrial, and phone-capable PDAs
- Acquire data with NI USB, CompactFlash, and PCMCIA data acquisition devices
- Design handheld DMMs and CAN controllers using NI PCMCIA cards
- Communicate with external devices through Wi-Fi (802.11), Bluetooth, IrDA, and serial protocols

Operating Systems

- Windows XP/2000 for development
- Windows Mobile for Pocket PC 2003 or later for deployment

Applicable NI Hardware

- USB-6008
- USB-6009
- CF-6004
- DAQCard-6062E
- DAQCard-6036E
- DAQCard-6024E
- PCMCIA-4050
- PCMCIA-CAN Series

Required Software

- LabVIEW Base, Full, or Professional Development System (current version)



Better Handheld Solutions for Test and Measurement

Personal digital assistants (PDAs) are flexible, inexpensive, off-the-shelf hardware. By combining the rapid development environment of NI LabVIEW with off-the-shelf PDA hardware, you can quickly build inexpensive handheld applications capable of multiple tasks. The combination of LabVIEW with PDA targets makes it easy to take your test and measurement applications with you, wherever you need to go.

Acquire, Analyze, and Present Your Data, All from the Palm of Your Hand

The National Instruments LabVIEW PDA Module extends the LabVIEW graphical development environment to handheld devices, so you can easily create custom applications to run on Microsoft Windows Mobile for Pocket PC devices. Acquire real-world signals by creating a portable measurement system using data acquisition, digital multimeter (DMM), Controller Area Network (CAN), and wireless hardware. Analyze your raw data by taking advantage of hundreds of analysis VIs for signal processing and mathematics. Present your data on the device with a professional user interface or transmit the data elsewhere via Bluetooth, Wi-Fi (802.11), or SMS text messaging.

Optimized Performance for Handheld Devices

In addition to acquisition, analysis, and presentation capabilities, the LabVIEW PDA Module adds technology to LabVIEW to optimize, build, and compile applications to run on the smaller memory space and unique

processors common to PDAs. The LabVIEW PDA Module makes it easy to create portable solutions for a wide spectrum of applications, such as field test systems, remote control and monitoring systems, and portable data acquisition systems.

Device Emulators for Safe Testing

Use the NI LabVIEW PDA Module with downloadable emulators to test your application quickly and safely inside a simulated environment that mimics the behavior of the actual PDA. These emulators give you additional flexibility in the design and testing of your PDA applications and greater confidence that your application will behave as intended on actual PDAs.

Ordering Information

NI LabVIEW PDA Module	778596-09
NI LabVIEW PDA Module Run-Time Licenses	
10	778751-10
100	778751-100
Unlimited number	778751-90

BUY NOW!

For complete product specifications, pricing, and accessory information, call 800 813 3693 (U.S. only) or go to ni.com/pda.

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- All the benefits of Basic Service
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- 10 percent discount on training courses and materials

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- All the benefits of Standard Service
- Support by NI senior applications engineers through direct phone or e-mail access with extended hours of operation



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