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

Applicable NI Hardware

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

Required Software

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

Operating Systems

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

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.
NI Services and Support

NI has the services and support to meet your needs around the globe and through the application life cycle – from planning and development through deployment and ongoing maintenance. We offer services and service levels to meet customer requirements in research, design, validation, and manufacturing. Visit ni.com/services.

Local Sales and Technical Support

In offices worldwide, our staff is local to the country, giving you access to engineers who speak your language. NI delivers industry-leading technical support through online knowledge bases, our applications engineers, and access to 14,000 measurement and automation professionals within NI Developer Exchange forums. Find immediate answers to your questions at ni.com/support.

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NI training is the fastest, most certain route to productivity with our tools. NI training can shorten your learning curve, save development time, and reduce maintenance costs over the application life cycle. We schedule instructor-led courses in cities worldwide, or we can hold a course at your facility. We also offer a professional certification program that identifies individuals who have high levels of skill and knowledge on using NI products. Visit ni.com/training.

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NI offers service programs that provide automatic upgrades to your application development environment and higher levels of technical support. Our service programs ensure that you always have the latest advances in productivity and receive live, on-demand access to NI applications engineers through phone and e-mail to assist in developing your solutions. Service programs are cost-effective and simplify software purchasing as an annual, fixed cost, making it easier to plan and budget than intermittent individual upgrades. You also receive discounts for our training courses and materials. For details, visit ni.com/ssp.

Basic Service Level

- Upgrades purchased separately
- Support by NI applications engineers, R&D engineers, partners, and community members through online Developer Exchange
- Access to KnowledgeBase, example code, troubleshooting wizards, solutions, and white papers

Standard Service Level

- Automatic upgrades included
- All the benefits of Basic Service
- Support by NI applications engineers through direct phone or e-mail access
- 10 percent discount on training courses and materials

Premier Service Level

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