

Windows Embedded Handheld



→ Windows® Embedded Handheld is a high performance OS platform optimized for enterprise handheld devices. The platform enables mobile Line of Business applications with secure and efficient data input. Windows Embedded Handheld addresses the broad needs of Enterprises in many segments, including field mobility, transportation and logistics, retail, healthcare, and manufacturing.

A high-confidence platform with a long and impeccable track record

Of the millions of enterprise handhelds that were shipped last year, 87% of them are powered by Microsoft® Solutions. That's because customers recognize the value of the platform to their bottom line. With a proven track record of success, familiar development tools, and a well-known application framework, Windows Embedded Handheld powers next-generation enterprise handheld devices. Enterprises and end users benefit from a consistent, end-to-end experience across mobile devices.

With a high-confidence platform comes a diverse and dynamic ecosystem. The ecosystem's large community of ISVs and IHVs provides a rich variety of off-the-shelf and custom applications for enterprise customers.

In addition to its long history of success, proven reliability, and extensive ecosystem, enterprise customers can deploy their mobile solutions with confidence thanks to Microsoft's enterprise-level support.



Windows Embedded products are covered by an industry leading 10-year support program plus a product availability of 15 years.

From informed to empowered with a versatile and flexible solution

The demand for robust handheld solutions in the enterprise is growing daily. Microsoft remains committed to providing enterprise customers with a mobile operating system that is more powerful, flexible, and connected than ever before. Here's how:

First, all Line of Business applications built for Windows Mobile 6.x and Handheld 6.5 are compatible thanks to consistent SDKs and APIs.

Second, Windows Embedded Handheld's powerful Internet Explorer Mobile browsing engine gives enterprise users access to business applications via the cloud.

Windows Embedded enables connectivity via Cellcore, Wi-Fi, Bluetooth, and Ethernet to maintain connectivity in a variety of conditions.

Devices running Windows Embedded Handheld 6.5 are able to integrate with existing IT infrastructure such as security and device management solutions like System Center Configuration Manager and Microsoft Exchange server.

Finally, a wide range of input methods (including touch, stylus, keyboard, and more), multiple screen resolutions, and a breadth of peripherals enable enterprises to choose from an array of form factors. Devices built on Windows Embedded Handheld are flexible and able to meet the diverse needs of the enterprise.

→ For more information on Windows Embedded Handheld visit:
www.windowembedded.com/handheld

Windows Embedded Handheld Features at a Glance



High-Confidence Platform

Familiar tools

- Visual Studio 2005/2008
- Windows Mobile 6 SDK
- .NET Compact Framework 3.5

Industry-leading support

- 10-year support program
- Product availability of 15 years
- Mainstream and extended support

Large ecosystem

- Capable ISVs and IHVs accessible through the Windows Embedded Partner Program

Consistent experiences

- Familiar Windows interface
- Shell and data/voice connectivity across devices
- Platform functionality enforced by the Logo Test Kit (LTK)

Endless Possibilities

Application Compatibility with Windows Mobile 6.x

- A consistent SDK and set of APIs
- Support for native and WinForms application development

Powerful browser

- Internet Explorer Mobile browsing engine
- Access to browser-based LOB apps

Flexible solutions

- BSPs available for a range of ARM processors
- Wide range of input methods supported including touch, stylus, and keyboard
- Support for multiple screen resolutions and sizes
- Wide range of off-the-shelf peripherals available, including Barcode, RFID, and magnetic strip readers

Windows Connected

Connectivity options

- Cellcore, Wi-Fi, Bluetooth, and Ethernet
- End-to-end telephony stack and VoIP capabilities

Integration with infrastructure and applications

- SQL Server, Exchange, SharePoint, and Windows Server
- Access corporate e-mail, calendar, and contacts with Outlook
- Access Word, Excel, PowerPoint, SharePoint, and OneNote

Security and device management

- Compatible with System Center Mobile Device Manager, System Center Configuration Manager, and third-party solutions
- Remote wipe, as well as password and policy enforcement, is supported
- Data and SD card encryption
- Secure data in transit with either SSL (up to 256) or VPN

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