



Windows Mobile Software Development

Rapidsoft Systems believes that high performing technical players are always surging ahead of the competition by doing one thing right – using information technology to build competitive advantage and market share. We use top rung technology and systems integration to provide technology R&D, IT diagnostics, systems integration, technical architectures, business intelligence and infrastructure consulting among others.

We work with more than 2500+ handsets and work with all major US, Canadian, European and Asian carriers. Among the applications that we have developed/ported are some very popular games, mapping applications, city guides, puzzle games, and corporate mobile applications. All these applications are widely distributed by Major US carriers (ATT, T-Mobile, Verizon, Sprint, US Cellular, Alltel etc.). We also work with major European carriers such as Vodafone, Orange, T-Mobile etc. We have over 20 years of experience in mobile technologies in designing mobile applications, mobile phones programming - some of us at Rapidsoft Systems even designed cellular phones, pagers, GSM/ CDMA base stations and cellular switching equipments themselves for companies like Motorola, Nokia and Panasonic.

Windows Mobile Applications Development by Rapidsoft Systems

Windows Mobile is a compact operating system combined with a suite of basic applications for mobile devices based on the Microsoft Win32 API. Devices that run Windows Mobile include Pocket PCs, Smartphones, Portable Media Centers, and on-board computers for certain automobiles. It is designed to be somewhat similar to desktop versions of Windows, feature-wise and aesthetically. Additionally, third-party software development is available for Windows Mobile. Originally appearing as the Pocket PC 2000 operating system, Windows Mobile has been updated several times, with the current version being Windows Mobile 6.1, and a new release scheduled for 2009.

At Rapidsoft, we have been developing .NET and Windows applications for long time. With our team's long expertise in mobile space, we can develop native or managed windows mobile applications for any application domain.

I. An Example of a Windows Mobile Application

Rapidsoft specializes in re-doing games and all kind of Applications or porting from one platform to another. The images below show an **example of a healthcare application done by Rapidsoft team for a client.** Rapidsoft can do similar application design and implementation for you.



1. Appl Screen 1



2. App Screen 2



3. App Screen 3

Software Development with Windows Mobile

Third-party software development is available for the Windows Mobile operating system. There are several options for developers to use when deploying a mobile application. This includes writing native code with Visual C++, writing Managed code that works with the .NET Compact Framework, or Server-side code that can be deployed using Internet Explorer Mobile or a mobile client on the user's device. The .NET Compact Framework is actually a subset of the .NET Framework and hence shares many components with software development on desktop clients, application servers, and web servers which have the .NET Framework installed, thus integrating networked computing space (a.k.a. "The Cloud").

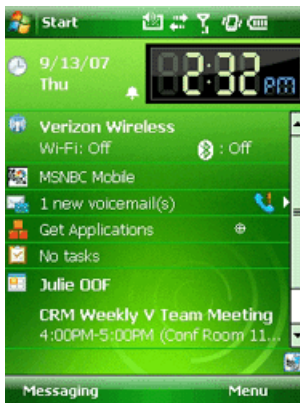
Windows Mobile 6 is the latest platform. The following lists briefly cover some of the most notable developer-related features of Windows Mobile 6 and the Windows Mobile 6 SDK.

Key Features

The **.NET Compact Framework 2.0 Service Pack 1 (SP1)** and Microsoft SQL Server™ 2005 Compact Edition are in the ROM of all Windows Mobile 6 devices, which allows your application to use .NET Compact Framework 2.0 and SQL Server 2005 Compact Edition without needing to distribute or install either product on the user's device. This reduces the time and cost of application deployment resulting in direct monetary savings.



1. Win Mobile Phone



2. Win Mobile Development

Improved Device Emulator

An improved Device Emulator that provides greater device fidelity offering new emulation states including transitions between AC power and battery power, and changes in battery charge level. A new Global Position System (GPS) test utility, FakeGPS, allows you to test your location-enabled applications without needing access to a GPS device. A new Cellular Emulator that works in conjunction with the Device Emulator to enable you to test your application's behavior in a variety of cellular scenarios such as incoming phone calls, incoming SMS messages, dropped phone calls, and dropped data connectivity.

Easier to Build One Application That Runs on Many Devices

An improved Device Emulator with many new features that allows you to test your applications across a wider range of device form factors without needing to purchase the device. Consistent API set throughout Windows Mobile family allows you to write a single application that successfully runs across the wide-range of Windows Mobile devices without concern for the device manufacturer or mobile operator. Developer guidance through the more than 100 sample applications included with the Windows Mobile 6 SDK.

Enhanced User Experience

Windows Mobile 6 has a newly designed look and feel designed to improve user productivity and experience. Any of your applications that utilize the standard Windows Mobile forms such as the contact selection dialog automatically receive the benefits of the redesigned user interface. The new sound API gives you the ability to play a variety of sound formats from within your Windows Mobile 6 application including MID, WMA, MP3, and WAV.

Long Term Support of Rapidsoft Developed Mobile Applications

Rapidsoft team will be available to provide long term technical support to customer on their Server or web applications. The similar support is available to all customers for their new mobile applications. We can test and certify the phones and will support any issues over the phone from the expert team in India. A support mechanism will be developed with your team.

Here will be key goals:

- Evaluate all new phones as they are announced
- Add them to supported pages if deemed necessary
- Deal with customer issues for any particular phone
- Verify port or functionality as needed
- Add newer functionality to the phone application

Rapidsoft Support For Dealing With US Carrier Certifications, Distribution and Application Deployments

US cellular environment is very different from Europe and Asia. Unlike Asia and Europe, US phones are locked phones and any application distributed must meet carrier guidelines, content policies and securities environments. With our experience of working with major carriers, we can hold your hand through complex maze of network operator policies of each US cellular operator. Our 20+ years of experience in cellular industry differentiates us with the crowd of novice developers and companies.

Rapidsoft can guide you with distributing your applications through various networks. Because of our relationships, we can deal with content guidelines, and security requirements of each carrier, and will guide you to acquire necessary credentials as applicable from various vendors such as VeriSign, Thwate etc. as needed depending upon the phone and carrier requirements. Rapidsoft uses its own signed certificates on our phones for testing.

CDMA applications, if applicable, require True Brew Testing (TBT) certification before they can be offered for distribution and installations. Rapidsoft can guide you through complex process of Qualcomm mandated process of TBT certifications through testing laboratories.

Why Rapidsoft Systems:

With over 350+ software projects executed, you can simply count on our expertise, experience in giving you the right solution at absolutely lowest possible cost. If you would like more information, or want us to submit an estimate or a "no-obligation" quote for your project, contact us for more information.

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