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London



St. Petersburg



Voronezh



Kharkov



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Windows Mobile/Windows CE Expertise

DataArt completed a significant number of projects on Windows Mobile/Windows CE platforms and excels in application development for mobile devices such as Smartphones and PDAs.

Possible Applications

The Windows Mobile platform provides multiple opportunities for business enhancements, including the extension of corporate software to field employees' hand held devices to allow sending, receiving and processing information onsite. The platform also allows to migrate desktop applications to mobile devices producing simpler versions with core functionality intact.

Sample Microsoft .Net Compact Framework Projects

- Patient registration systems (touch screen devices used in hospitals for patients registration with a wireless connection to a server)
- Logistics jobs management solution (truck drivers receive delivery jobs on their PDAs, with the server tracking the drivers' locations via GPS receivers which are built into PDAs; signature capture (for proof of delivery) built into driver's PDAs)
- Various applications for increased productivity (home accounting, finance calculators, self-improve training (foreign language), converters (currency, unit), dictionary, security storage, time management, etc.)

Technical Capabilities

Extensive technical support from Microsoft coupled with DataArt's own R&D, allow the company to remain at the forefront of Microsoft .NET technologies. Our capabilities include:

- Wireless networking
- Integration with web-services (both 3rd party and proprietary)
- SQL Server CE and Compact
- Integration with complementary hardware, such as cameras, GPS receivers, Bluetooth, IrDA, etc.
- Advanced GUI development (custom controls, usability optimization, etc.)
- OS customization (PlatformBuilder)
- ActiveSync (plug-ins & converters)
- Application update installation and delivery frameworks
- Internationalization (Custom resource engines and dynamic resource delivery over Internet/Intranet)
- Utilization of various communication protocols (SMS, MMS)
- Multimedia applications, 3G support

Platforms and Databases

- Pocket PC 2002, 2003
- Pocket PC Phone Edition
- Windows Mobile (5.0, 6.0)
- Windows CE
- .Net Compact Framework
- MS SQL Server CE

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