



Press Release

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Softwired iBus//Mobile, Version 3.0 – The bridge between Microsoft® .NET and Java.

Millions of J2ME devices can now communicate reliably and in real-time with PocketPC devices based on .NET over wireless networks. Today Softwired, the leading provider of reliable and secure mobile applications middleware announced a major technological advance with version 3.0 of its iBus//Mobile messaging middleware.

Softwired's iBus//Mobile is used today by telecommunications companies to provide a platform for mobile devices based on J2ME (Java 2 Micro Edition,) to reliably send alerts, run multi-user services, games and to support high productivity mobile business applications. The iBus//Mobile product is based on the Java Message Service (JMS) specification, which allows information to flow reliably between mobile devices and backend business systems.

Now iBus//Mobile allows pure .NET applications to participate in this universal message flow either as backend .NET-based applications or as client applications running on PocketPC-based communicator devices. The iBus//Mobile 3.0 product is targeted at developers of mobile applications, right from those building interactive multi-user games to those needing full transactional support for enterprise solutions. Creating rich applications for mobile devices linked to legacy systems just became a great deal easier.

Programmers can now use not only the Java environment (Java-2 Micro Edition on mobile devices, and Java-2 Enterprise Edition at the backend), but also the full power of any .NET programming language such as C# or VisualBasic.NET to create those interactive, mobile applications. Whether Java or .NET, developers use the Java Message Service (JMS) API to reliably exchange messages in a Queuing or Publish/Subscribe style interaction, and let the

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iBus middleware deal with store and forward, packet loss recovery on mobile networks or devices roaming between different styles of mobile networks.

Also new with this release is the packaging of iBus//Mobile: From small-scale deployment of a handful of mobile clients, up to nationwide mobile networks with effectively millions of concurrent users/devices, iBus//Mobile is packaged to meet all needs, from bridging to SMS/WAP/MMS systems, applet support or the full integration of Web Services via SOAP.

iBus//Mobile is not only used by leading telecom operators, it is also the key mobile technology in the latest versions of the wireless-enabled Code-Warrior products from Metrowerks, bundled with the latest KADA Mobile Ready to Optimize Implementations (ROI) and is featured on the Hewlett Packard CD-ROM "Mobile Toolkit for HP Application Server". iBus//Mobile also works with the leading IDEA™ 128 bit encryption software from MediaCrypt.

Key New Features:

- iBus//Mobile 3.0 provides a **native JMS client library for Microsoft .NET**. This means the full power of the JMS API inside C#, VisualBasic.NET, and other .NET programming languages.
- For resource-constrained MIDP devices (e.g., Siemens SL45i) iBus//Mobile provides the iBus JMS Lite Connector client (called JMS LC): **A small-footprint (12K) JMS client library** allowing MIDP devices to send and receive JMS messages over HTTP.
- **WebServices support:** iBus//Mobile 3.0 supports SOAP-via-JMS invocation, and contains a SOAP-based JMS API. This means that applications can send and receive JMS messages through a SOAP interface, and therefore no JMS client library need be installed for such an application. Server applications can use the JMS API transparently to enqueue SOAP requests, and dequeue SOAP replies. This allows invoking WebServices in a fault-tolerant and asynchronous manner.
- **Applet support.** The iBus//Mobile JMS client library can be used inside Applets. JMS communication occurs over HTTP, HTTPS, TCP or UDP.

About Softwired

Softwired, based in Zurich, Switzerland is the leading supplier of award winning highly scalable JMS technology for Intranet, Extranet and Internet and end-to-end wireless/embedded solutions. Customers include such leading organizations as Vodafone, eBay, the US Air Force, the Municenter, Dresdner Bank, Siemens, and Northrop Grumman. iBus is used in a wide variety of applications from financial trading, telecommunications systems management, document distribution to the management of customer support sessions.

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