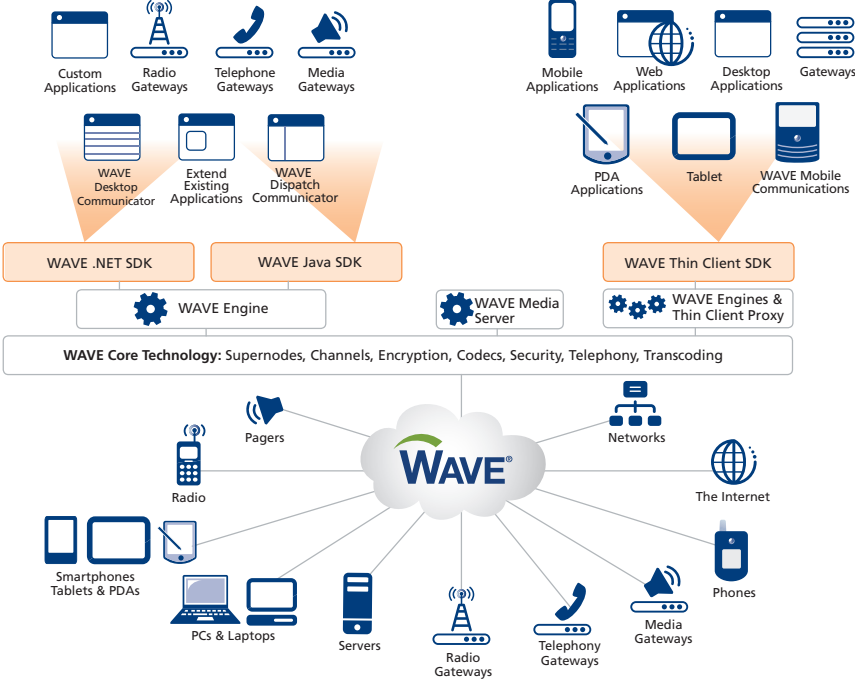


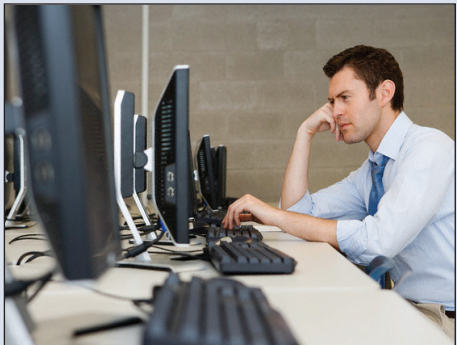
WAVE® Software Development Kit (SDK)

Develop Custom Applications Powered by WAVE Critical Communications Software

The WAVE Software Development Kit (SDK) gives you access to the innovative WAVE Engine so you can build advanced Radio-over-IP (RoIP) applications. It helps you extend the power and reach of your existing communications hardware and software products, or create something truly new and distinctive that will remove technology barriers so your organization can better communicate.



With a WAVE-enabled solution, users can speak on channels, record and play back instant-replay audio, connect to microphone and speaker devices, make and receive VoIP phone calls, send text messages, and see who is speaking, typing or calling. In any of these scenarios, specialized WAVE-powered applications provide unique and compelling differentiation typically not available through a pre-packaged offering.



BENEFITS OF THE WAVE SDK

- Reliability**
WAVE software has more field deployments and active users than any other technology of its kind. We even put each SDK through the paces to create our own client applications:
- WAVE Dispatch Communicator developed with WAVE Java SDK
 - WAVE Desktop Communicator developed with WAVE .NET SDK
 - WAVE Mobile Communicator for BlackBerry® developed with WAVE Thin Client SDK

- Flexibility**
WAVE supports a variety of codecs, gateways and encryption schemes. Three development environments—Java, .NET and Thin Client—deliver functionality that helps reduce your custom development costs and project risk.

- Ongoing Support**
A secure WAVE Developer Forum contains APIs, full documentation, sample applications and Q-and-A support. We also offer the WAVE Sandbox, a virtual environment for developing your applications.

WAVE Thin Client SDK

For developers of mobile, Web, embedded or other lightweight platforms, the WAVE Thin Client SDK requires a valid WAVE Thin Client license, a WAVE system (version 5.0 or greater), and development tools appropriate for your target platform. This SDK includes:

- WAVE Thin Client Getting Started Guide and Release Notes
- WAVE Thin Client Protocol Specification
- WAVE Locator API
- WAVE Thin Client C# Sample Application, demonstrating control and protocol implementations.

WAVE Java SDK

For Java developers with experience creating telephony or communications applications, the WAVE Java SDK requires a valid WAVE license, a WAVE matching the SDK version, and the Sun JDK and JRE (version 5 or greater). A Java IDE such as IDEA, Eclipse or NetBeans is recommended. This SDK includes:

- WAVE Java SDK Getting Started Guide and Release Notes
- WAVE Java SDK API Javadocs, cross-referenced with notes and usage examples
- WAVE SDK Jar file for inclusion in your Java projects
- WAVE Engine service setup and InstallShield merge module
- WAVE Java SDK sample application source code.

WAVE .NET SDK

For C# and Visual Basic developers in a Windows .NET environment with experience creating communications or telephony applications, the WAVE .NET SDK requires a valid WAVE license, a WAVE system matching the SDK version, and the Microsoft .NET Framework 2.0 or later. Microsoft Visual Studio is recommended. This SDK includes:

- WAVE .NET SDK Getting Started Guide and Release Notes
- WAVE .NET SDK API help file, cross-referenced with notes and usage examples
- WAVE SDK DLL for inclusion in your .NET projects
- WAVE Engine service setup and InstallShield merge module
- WAVE .NET SDK sample applications.

SDK Training

We offer free, in-depth developer training for partners and solution developers at our Seattle, WA headquarters. The WAVE Certified Development Engineer (WCDE) training reveals all the ways to use the WAVE SDK to build advanced communications applications with the WAVE platform. Find the full WCDE course description and training course dates at twistpair.com/training.

WAVE SDK INNOVATORS

4QTRS

Developers at 4QTRS added push-to-talk capability to its innovative CADlive 2.0 application with WAVE .NET SDK. This provides real-time situational and operational awareness for first responders and incident management centers.

By Light

Using the WAVE Java SDK, By Light developed the Tactical RoIP Inter-Communications System (TRICS) appliance, a full featured Radio-over-IP (RoIP) gateway, media server and media management platform. It integrates and distributes voice and data-based radio traffic over an IP network.

IDV Solutions

Asked by Microsoft to develop a next-generation dispatch application for its Surface® multi-touch computer, IDK Solutions used the WAVE .NET SDK to create a visual touch-screen solution to compliment Surface's advanced functionality.

Let's Talk

We're always here to answer your questions about the WAVE SDK or WCDE training.

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ABOUT WAVE

WAVE software empowers your mobile workforce with critical communication applications for secure, real-time collaboration anywhere on any device built upon a battle-tested communications interoperability platform that delivers voice, video, location, presence and other forms of data deployed as an enterprise product or cloud based service throughout commercial, public sector and defense organizations worldwide. Proven in thousands of the most complex deployments around the world, WAVE helps you integrate and control a truly unified communications system so that office-based and mobile workers can simply talk, make decisions and act. WAVE has a Certificate of Networthiness from the U.S. Army and is on the NATO Approved Fielded Products List.

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