



WAVE™ SDK

- **WAVE Sandbox™** allows developers to create applications and learn about WAVE technology using an existing Internet based platform
- **Java SDK .jar files** provide a Java Application Programming Interface to WAVE channels, sessions, calls, devices, users, profiles, text chat, telephony, user presence and other system features
- **Sample applications** provide well-documented sample code offering a head start for developing applications
- **Complete Javadoc documentation** provides comprehensive programmer-friendly documentation of every element in the WAVE SDK
- **Introductory documentation** explains the basics of the WAVE SDK and provides pointers on installing and debugging—the information needed to start out right
- **Developer Portal** provides access to Twisted Pair Solutions developers who use the WAVE SDK every day
- **WAVE Engine Service** handles all audio and control data-processing tasks for client application—there's no need to create your own audio processing components
- **WAVE Engine Setup Merge Module** easily integrates the WAVE Engine in client software installer
- **WAVE Training** gives you the knowledge to create new WAVE applications

The WAVE Software Development Kit

Building Interoperable Applications

Designed to enable WAVE™ Solution Developer partners to build interoperable, customer-specific communications solutions, WAVE SDK™ powers a complete range of applications—from financial intercom systems to radio comparator interfaces to secure military communications clients in action overseas. Twisted Pair Solutions' flagship soft console, the WAVE Dispatch Communicator™, was constructed using the WAVE SDK.

Imagine It; Build It

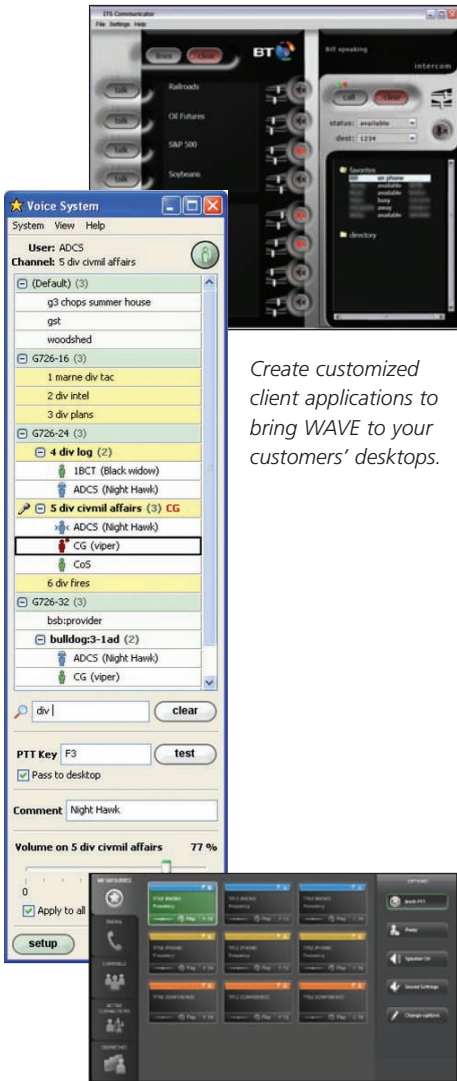
A software toolkit for developers, WAVE SDK provides programming interfaces to the communications functions that you use everyday. Your developers can use the WAVE SDK to create interoperable, custom client applications that bring WAVE communications directly onto your customers' desktops and mobil devices. Incorporate WAVE within your current applications to build a fully-integrated, robust solution architecture.

Your Application + WAVE = Strategic Differentiation

You understand your customers' requirements, and when you add WAVE technology to your application using the WAVE SDK, you will have the communications flexibility you need to deliver the right solution—at the right time.

When your application is WAVE-Powered, customers can login, select a profile, see their channels, and start talking, or view audio activity, send and receive text chat messages, and display who is speaking or typing. Your application can create call and channel patches, send radio control tones automatically, report on Supernodes, an display control data on multiple channels. You will always have complete control over the brand identity, colors, fonts, graphics, layout, and interaction preferences of your WAVE-Powered application.

WAVE Powered Applications



Create customized client applications to bring WAVE to your customers' desktops.

Supported by the WAVE™ Solution Developer Program

WAVE Solution Developers create power behind the voice. Registered members play with technology in the WAVE Sandbox, experiment with the SDK and learn. Certified and Premium members experience in depth training, tools access, support, plus marketing and sales assistance to showcase the partner and their unique solutions. The program provides developers with everything needed to try, build and sell customized solutions.

Powered by the WAVE Engine

The code you create using the WAVE SDK connects to WAVE domains using the WAVE Engine. This lightweight service performs all audio processing, digital conversion, and control data handling so that you can concentrate on building the application your users need. Plus, the WAVE SDK gives your programmers secure and controlled hooks into the WAVE Engine.

Packs the Tools Your Developers Need

The WAVE SDK includes Java class libraries, sample applications, introductory materials, full documentation, training, the WAVE Sandbox, and developer support—everything needed to create WAVE-Powered applications. Network-savvy developers will find themselves right at home.

Designed by Programmers for Programmers

Twisted Pair Solutions designed the WAVE SDK to be a software toolkit our own developers would want to own and use daily. In fact, Twisted Pair Solutions uses the WAVE SDK in our own products; the WAVE Dispatch Communicator, our most powerful communications client, was created using the same WAVE SDK we provide to our WAVE Solution Developer partners.

Minimum Requirements

Minimum development system requirements

- WAVE 3.x
- Valid WAVE license
- Java Development Kit
- Java Runtime Environment
- Java IDE such as Eclipse or Netbeans highly recommended
- Developer-class networked Windows 2000 or Windows XP workstation

Minimum runtime application requirements

- WAVE 3.x
- Networked Windows 2000 or Windows XP workstation
- Java Runtime Environment



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Find Out More

Look to the WAVE SDK to harness the power of WAVE within your own applications. To learn more, contact Twisted Pair Solutions. We're located on the web at www.twistpair.com/developer.

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