

# WAVE® 5.0

## Unified Voice Communications for the Extended Enterprise

### WAVE 5.0 Highlights

New WAVE® Mobile Communicators™ for Smartphones provide real-time, two-way push-to-talk (PTT) capability between similarly equipped devices across any WiFi or wireless data network. Users can securely PTT with other Smartphone users and dissimilar devices such as two-way radio systems, PCs and desktop telephones.

Utilizing a FIPS 140-2 validated cryptographic module, WAVE Mobile Communicators can enable secure point-to-point (P2P) calling with government grade encryption that protects sensitive conversations from even the most sophisticated eavesdropping technology.

WAVE Mobile Communicators are truly device and network agnostic, allowing PTT and secure P2P across any wireless network.



Initially with support for select BlackBerry® and Windows Mobiles devices, later releases will support Android and iPhone devices

Twisted Pair Solutions' WAVE® unified voice platform simplifies communications for enterprise of all sizes by allowing dissimilar technologies to seamlessly interoperate. Unique for its software-only approach and compelling for its unmatched functionality, flexibility and performance, WAVE software removes the barrier to seamless communications between the IP-centric enterprise and a mobile workforce using two-way radio systems, Smartphones and other remote access devices.

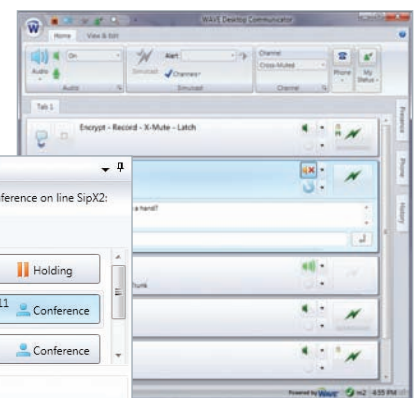
WAVE 5.0 now introduces innovative carrier and device agnostic Push-to-Talk (PTT) capabilities for Smartphones that radically redefines the role and value of PTT functionality for business and government users. New WAVE Mobile Communicator clients for select BlackBerry® and Windows Mobile Smartphones allows users to share voice communications with other individuals or groups of users in true PTT fashion without users being tied to a single device or service provider.

### Unique, software only technology

WAVE is the industry's only pure software solution dedicated to providing unified voice communications. Whereas other technologies require vendor supplied and often proprietary server and data network components, WAVE operates on off the shelf, industry standard hardware. WAVE's software only approach enables greater deployment flexibility, lowers acquisition costs and preserves prior investments in network, server and desktop infrastructure.

### Richer functionality, higher performance

WAVE has achieved its industry-leading market position by delivering more performance and greater functionality than any other solution. Its battle-tested core platform technology provides unmatched system availability and redundant failover capability, while native support for multi-vendor radio systems and IP telephony platforms ensures rapid, seamless integration in almost any communications environment.



*The detachable dial pad gives Desktop Communicator users greater control of their workspace.*

## WAVE Core Functionality

### Operating Systems

- Windows XP/Vista/Win7\*
- Windows Server 2003/2008\*
- Redhat Enterprise Linux 5.1

\*Includes support for 64-bit operating systems

### IP Telephony

- SIP and H.323

### IP PBXs

- Asterisk
- Avaya Communications Manager
- Cisco Integrated Services Router (ISR)
- Cisco Call Manager and Call Manager Express
- Cisco CUCM 7
- Nortel BCM and CS 1000
- SIPx 3

### Radio Gateways

- By-Light TRICS
- C4i RIU
- Cisco 2800 Series Router E&M
- Dialogic DMG4000
- JPS NXU-2 / ACU-1000
- NICS RAVIN Audio Gateway
- Telex IP-223 / NI-223
- Voice Interop AM 360

### Embedded UC Integration

- Adobe Connect
- IBM Sametime
- Microsoft OCS 2007

### SDK APIs

- .NET 2.0 / 3.5 SP1
- Java JRE 1.6.0

### Supported Smartphone Devices

- BlackBerry® Bold 9000<sup>1</sup>
- BlackBerry® Tour 9600<sup>1</sup>
- Windows Smartphone<sup>2</sup>

<sup>1</sup> RIM OS 4.6/4.7

<sup>2</sup> Windows Mobile 6.0/6.1/6.5 Professional/Touch

Windows Mobile 6.0/6.1/6.5 Standard/Smartphone

Windows CE 5.0

## Proven and trusted by those that demand the best

For military, government, public safety and discerning commercial organizations that understand the true meaning of mission-critical communications, WAVE is the technology they choose. With more large scale active deployments around the world, WAVE is trusted when communication is indispensable.

## Tested and Certified

WAVE software is widely deployed by all branches of the U.S. military, including the special operations community, and is considered the de facto standard for software-derived communications interoperability. WAVE is the only RoIP technology to be issued with a Certificate of Networkiness by the U.S. Army, and has also been named to the NATO Approved Fielded Products List (AFPL).

## Flexible, adaptable, customizable

The WAVE Software Development Kit (SDK) gives OEM vendors, major systems integrators and software development companies the ability to develop new or extend the capability, flexibility and value of their existing communications technologies, products and solutions. Custom built WAVE-powered applications have been deployed throughout the world, delivering advanced capabilities to the defense, transportation and utility markets, for example.

## Find Out More

To learn more about WAVE and other WAVE-powered solutions, visit us online at [www.twistpair.com](http://www.twistpair.com). To speak directly to a WAVE expert, please call us at (206)-442-2101.

## Become a Partner

Twisted Pair Solutions believes strongly in a healthy and vibrant partner eco-system and works closely with resellers, integrators and OEMS around the world. To become a WAVE partner, call us at (206)-442-2101 or visit us online [www.twistpair.com](http://www.twistpair.com).

## About Twisted Pair Solutions

Twisted Pair Solutions is the software company behind WAVE®, the only Radio-over-IP (RoIP) platform designed specifically to extend the capability, flexibility and value of other communications technologies, products and solutions. OEM vendors, major systems integrators and software development companies from around the world have chosen to deploy, integrate or build upon our core platform technology because only a WAVE-powered solution is synonymous with battle-hardened, globally deployed, mission-critical voice communications. Twisted Pair Solutions is headquartered in Seattle, Washington, USA with offices in the United Kingdom and Australia. Visit us at [www.twistpair.com](http://www.twistpair.com).

### Corporate Headquarters

Twisted Pair Solutions, Inc.  
3131 Elliot Ave., #200  
Seattle WA 98121  
United States of America  
(T) +1 .206.442.2101  
(F) +1 .206.812.0737  
(E) sales@twistpair.com

### EMEA

Twisted Pair Solutions UK, Inc.  
Davidson House, Forbury Square  
Reading, Berkshire RG1 3EU  
United Kingdom  
(T) +44 (0) 7590 369890  
(F) +44 (0) 118.900.1111  
(E) sales.emea@twistpair.com

### APAC

Twisted Pair Solutions APAC Pty, Ltd.  
2 St. Peters Street  
Glenelg East, Adelaide  
South Australia  
(T) +61 (08) 8376.5905  
(F) +61 (08) 8125.6570  
(E) sales.apac@twistpair.com