

WAVE Technology

Table of Contents

WAVE Technology.....1
Recognizing that the best approach to solving the complexities of communications interoperability is to use standards-based software to unify diverse communications technologies, WAVE is trusted when communications is absolutely indispensable.....1
With WAVE technology, customers can use their existing devices and infrastructure to extend communication reach and achieve greater interoperability without the need to replace their existing communications devices.....1

WAVE Technology

Twisted Pair Solution's award-winning WAVE software technology enables partners and customers to build and operate secure, highly scalable communications solutions in the world's most demanding environments.

Recognizing that the best approach to solving the complexities of communications interoperability is to use standards-based software to unify diverse communications technologies, WAVE is trusted when communications is absolutely indispensable.

With a WAVE-enabled network, radio systems of all types can operate seamlessly together regardless of make, model and frequency. Analog, IP and cellular telephones can be patched in to a radio network and used as push-to-talk devices to transmit and receive radio voice traffic, and intercom systems can be used to broadcast voice communications from multiple sources and locations. Paging systems can also be harnessed to facilitate rapid message or alert distribution from non-standard sources. PCs and PDAs can be used as push-to-talk radios or as end-points for any other communications device, and existing group communications technologies such as hoot & holler systems and airport crash phones can be expanded to include new groups and ad hoc participants.

With WAVE technology, customers can use their existing devices and infrastructure to extend communication reach and achieve greater interoperability without the need to replace their existing communications devices.

WAVE is a proven technology since 1999, with thousands of successful deployments worldwide in defense, government and enterprise applications where mission-critical communications are required.

WAVE is reliable. WAVE runs on enterprise platforms like Windows Server and Linux which provide world class redundancy and failover for commercial organizations and mission critical environments world wide.

WAVE is secure. Authentication, authorization and encryptions are built into the core of WAVE and integrate with your existing security platform to simplify administration and leverage the robust functionality that already exists in your systems.

WAVE software is affordable when most hardware-based proprietary alternates are not. As a standards-based software application, WAVE can be deployed on any modern Windows-based PC or server environment and does not require new, dedicated or proprietary hardware to operate to its full capacity.

WAVE extends the capabilities of Unified Communications solutions to include radios, a unique and compelling capability for enterprises leaders seeking performance improvements through improved human interaction.

WAVE technology is unique in that it is the only standards-based solution to offer an SDK to allow software developers to create custom client applications built on WAVE's unique communications capabilities. Independent Software Vendors (ISVs) who specialize in software product development and hardware vendors (OEMs) who embed technology and applications onto their equipment are typical users of the WAVE SDK.