



WAVE Dispatch Communicator

An Intuitive, Easy-to-Use IP Dispatch Application for Critical Communications

WAVE Dispatch Communicator is the industry’s most trusted IP dispatch console, having earned the respect of customers in the defense, federal government, public safety organizations, and corporations worldwide

Dispatch Communicator is a state-of-the-art IP dispatch console system designed for critical communications dispatch applications. Built on WAVE, the industry’s original and only pure software communications interoperability platform, Dispatch Communicator employs the latest Voice-over-IP (VoIP) and Radio-over-IP (RoIP) technology to provide the console operator with full dispatch functionality via an intuitive, easy-to-use desktop client running on a single, industry-standard PC.

Dispatch Communicator supplies the complete range of features and functionality that critical communications command and control centers require, and offer unmatched levels of communications system interoperability and network scalability. It is designed to meet the needs of the full range of dispatch operations personnel who interact with the system, including dispatchers, administrators, supervisors, and technicians.

Dispatch Communicator can display and process unlimited numbers of channels of secure, encrypted audio with mixing, transcoding and instant replay available at the click of a mouse.

All audio processing is managed by the software itself, requiring no additional specialized audio hardware typical in legacy IP dispatch systems.



WAVE DISPATCH COMMUNICATOR KEY BENEFITS

Tested and Trusted

WAVE Dispatch Communicator is the industry’s most widely deployed and battle-test IP Dispatch console

Flexible & Scalable

Operators can deploy, redeploy and provision instantaneous back-up services using WAVE Dispatch Communicators running on off-the-shelf PCs without the added cost of filling a backroom full of servers and networking gear

Efficient and Productive

Individual dispatchers can display and manage an unlimited number of channels that make up a customizable, complex and fluid communications environment

Rapid Patching of Channels

Multiple radio channels, telephone calls and other communications systems can be patched together with a single click of a mouse

Full Audio History

Activity displays, audio recording and instant replay give dispatchers a complete session history for archiving and audit trail purposes

Enhanced Collaboration

Text messaging and intercom between multiple WAVE Dispatch Communicator consoles and other WAVE-enabled applications improves situational awareness and dispatcher effectiveness.

PTT OPERATIONS

Transmit (PTT) on group, individual and emergency calls

Instant Transmit

Audio Steering

- Select/Unselect
- Simul-select
- Left-right audio panning on stereo output devices
- Selection of audio devices to be associated with individual channels
- Selection of an audio device to be associated with all channels
- Audio routing between headset and speaker

Broadcast—Simultaneous transmit across multiple channels

All Mute

Pre-defined alert tones and recordings

PTT ID/alias

Private call dialpad enabled for private point-to-point calls to radios (mobiles + portables)

Expanded device support that includes foot pedals and other dispatch-specific devices

Emergency notifications including man-down alarms coming from supported radio systems

Instant Replay, allowing play back of audio on a channel

Channel latch

INDIVIDUAL CHANNEL CONTROL

Per-channel volume controls—adjustment, left/right pan, mute

Per-channel call history

Selection of separate microphone and speaker devices on a channel-by-channel basis or across all channels

An activity record, which graphically depicts activity on a channel for a user-defined period

Channel cross mute

Patch (radio to any audio stream (radio, phone, PA system, etc)

DTMF, 2-tone paging,

TELEPHONY FUNCTIONS

Supports H.323 and SIP

8 simultaneous phone lines per console

Answer/release

Transfer

Conference

Hold/Mute

Last number dialed

Speed-dial

Patch/Conference (radio to telephone)

SYSTEM FUNCTIONS

Status & presence of all endpoints per channel and system-wide

Group text messaging

Per-console call history

Console-to-console intercom

Master-console volume adjustment

Channel recording

Status messages

Aux I/O controls

Network Health Monitor

Receive audio from all channels using only 1 IP stream on the network

Selection of network interface to use for transmission—ideal for users who have multi-homed machines or who are accessing the corporate network via VPN or dialup connections

Ability to use “free-seating”. This allows users to logon to WAVE from any computer and have their settings and preferences automatically downloaded for them.

Organize channels by tabs

MINIMUM HARDWARE REQUIREMENTS

OS: Windows XP Professional, SP3

CPU: 2.0 GHz x-86 based processor

Internal Memory: 1 GB RAM

Available Storage: 200 MB

Network Interface Controller: 100 Mbps

Software: Microsoft Internet Explorer 6

Peripherals: 2 speakers, 1 microphone

OTHER WAVE APPLICATIONS

WAVE Lync Communicator extends Microsoft’s Lync platform for enterprise users by adding PTT connectivity between office-based information workers and their mobile colleagues who are using two-way radios and smartphones. Every WAVE client is designed to provide intuitive, flexible, highly cost-effective solutions to improve your organization’s performance while lowering your operational costs.

WAVE Desktop Communicator is an intuitive PC-based application that allows office-bound and mobile workers to quickly and effectively communicate and collaborate in distributed environments. Desktop Communicator provides easy access to channels and groups, telephony, simulcast, recording and instant replay.

WAVE Mobile Communicator allows smartphone users to access Push-to-Talk (PTT) radio channels from their phones, converting devices they always carry with them into inexpensive alternatives to expensive mobile radios.

WAVE Web Communicator is a feature-rich web application that allows any office-based or mobile worker to monitor, transmit, and receive audio from multiple communication systems such as two-way radio networks and telephones using a browser-based application.

Let’s Talk

No radio? No problem. We’ll show you how to extend your radio system to smartphones and other devices with WAVE software.

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