

insta-RELAY!

...VoIP Public Address Solution

The *insta-RELAY!*™ product is a VoIP solution designed to deliver a unique IP-based Public Address (PA) System to organizations primarily interested in broadcasting announcements to large groups of employees.

Pangean Technologies' *insta-RELAY!* utilizes an organization's existing IP infrastructure to broadcast audio information to any authorized PC on the network. It uses VoIP technology to provide a secure means to address employees, eliminating the need for separate, hardwired communications systems or dedicated voice circuits.

insta-RELAY! emulates a "Public Address System", yet allows an organization to organize employees into groups that can represent project teams, departments, facilities, branch offices, geographic regions, or the entire organization. By simply "clicking" on a particular group, authorized users can relay specific information to specific employees in real-time.

There are two versions of the PC clients available: ***insta-RELAY! Pro*** and ***insta-RELAY! Lite***. The **Pro** version allows users to "Listen and Talkback," whereas the **Lite** version is "Listen-Only."

FEATURES

Enterprise-wide Broadcast, a one-to-many mode of communications that allows authorized users to rapidly distribute information to employees.

Push-to-Talk, utilizes a direct, "always-on" connection that allows authorized users to instantly initiate a broadcast by simply pushing a "Talk" button.

Listen-Only Stations, one-way *insta-RELAY!* end points used to receive the announcements.

Multi-channel Communications, supports multiple, concurrent broadcasts, allowing authorized users and employees to participate in several broadcasts at the same time.

Web-based Management and Administration, simplifies the creation and administration of users, broadcast groups, and overall system management. The *insta-RELAY!* solution is fully compatible with relational database programs



BENEFITS

Uniform Access through VPN - Access to the system is completely transparent; employees can work from home, hotel rooms, or any remote location in the world as long as they have access to the corporate network.

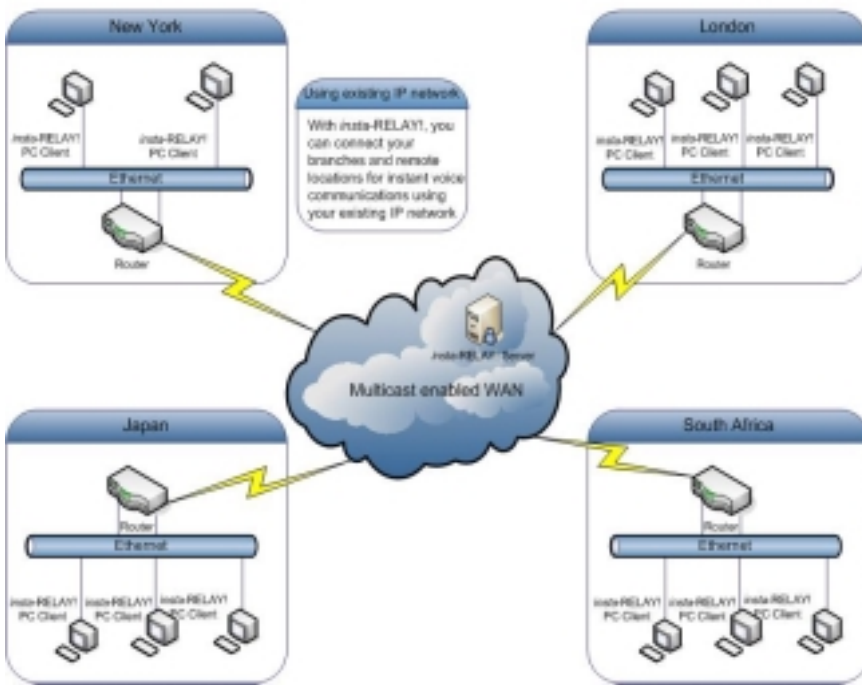
Cost Effective - Telecommunications toll and usage charges can be reduced as voice traffic is routed over the existing IP network.

Increase Productivity - Employees will be able to stay informed of corporate news and events, no matter where they are geographically situated.

Rapidly Deployable - Hundreds of employees can be available to receive broadcast announcements in a matter of hours.

Secure Communication - The same security/firewalls that protect data traffic can protect voice traffic.

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SYSTEM OVERVIEW

Web-based Management and Administration simplifies the creation and administration of users, broadcast groups and assignments, and overall system management. The *insta-RELAY!* solution is fully compatible with relational database programs, such as Microsoft SQL Server.

Standards-based Solution simplifies the integration of *insta-RELAY!* with a company's existing networks and business applications. The *insta-RELAY!* solution supports:

- TCP/IP Internet Protocol
- Session Initiation Protocol (SIP)
- Real-Time Transport Protocol (RTP)
- Real Time Transport Control Protocol (RTCP)

Independence allows *insta-RELAY!* to be used without any SIP requirements on the network. It does not rely on any other network components or protocols.

SYSTEM REQUIREMENTS

insta-RELAY! Client

- Windows 2000 or XP
- 750 MHz Intel Pentium CPU or equivalent
- 128MB RAM
- 25MB hard disk space
- One or more audio devices (Platronics USB Headsets Recommended)

insta-RELAY! Server

- Windows 2000 or 2003 Server
- MySQL for Windows (version 5.0 or higher) or Microsoft SQL Server 2000 or 2005
- Microsoft IIS
- 750 MHz Intel Pentium CPU or equivalent
- 256MB RAM
- 50MB hard disk space
- Microsoft IE 5.0+ or equivalent



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