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## BROADCAST MANAGEMENT SOFTWARE PACKAGE

The SignalcastIP package is comprised of software utilities, options and services that allow convenient advisory radio station programming management. Deployment may be in single workstation format or network-based to afford multiple control points.

### APPLICATIONS

**Municipalities:** management of emergency advisory radio station programming from various city government departments on an intranet.

**Departments of Transportation:** control of virtually an unlimited number of Highway Advisory Radio Stations via network or dialed-up modem from single or multiple control locations; automatic control from an Automatic Traffic Management System computer.

**Airports:** control of advisory radio station programming from multiple networked locations, such as the operations department and the parking office.

### CAPABILITIES

**SignalcastIP allows for . . .**

- Recording of CD-Quality Broadcast Messages (Hundreds of Hours, Thousands of Messages).
- Editing, Processing & Library Storage of Recorded Messages.
- Creation of Messages via Text-to-Speech with Male & Female Voices.
- Importation of Messages in .mp3 & .wav Formats.
- Drag-and-Drop Message Playlist & Flashing Sign On/Off Control.
- Calendar Scheduling of Messages by Date & Time.
- Ethernet-Based (Standard) or Modem Connectivity (Optional).
- 10-User License.

SignalcastIP may be bundled with hardware and peripherals, installation and training options. There's a one-year warranty and one-year no-charge assistance, which includes upgrades and remote support by Information StationSpecialists. Additional service and upgrade extensions are available.

## SPECIFICATIONS

### Software

#### Application Architecture

- Platform – Windows 2000, 2003, XP (server side).
- Database – SQL server for storing the current state of the system.
- Web Server – Microsoft Internet Information Server for Windows NT.
- Text 2 Speech Generation – server side using AT&T Natural Voices Software.

#### Security Features

- Access control to the application is through Windows User Groups & Users.
- Users access the application through Internet Explorer.
- Application can be configured to be accessed locally (INTRANET) or remote (EXTRANET).
- Multiple users can access the application at the same time.

#### User Interface (UI)

- Intuitive UI.
- Uses state of the art web technology (such as Ajax) minimizing “refreshes” that cause the webpage to go back to the server.
- Online “Help.”

**The NX6000 Message Player and RAS6000 Remote Access Server (immediately below) function in concert with SignalcastIP to repeat messages for emergency and highway advisory radio stations.**

#### **NX6000 Message Player (one is needed for each station)**

- TCP/IP in switched 10/100 Ethernet environments, 10baseT (IEEE 802.3).
- PPP connections for remote dial-up operations.
- FTP audio message transfers.
- Automatically logs system events and playback for manager review.
- Connectivity over a network for audio programming.
- Can be locally controlled or programmed via RS-232 serial port.
- MP3 audio file format, 32 to 128 kbps audio rates supported.
- Audio storage (standard) 1,000 minutes (16 bit, 44kpps, mono).
- Output level + 0dbu in two RCA type connectors (+6 dB/ XLR optional).
- Output level programmable from -110 to + 18dB.
- Harmonic distortion: 0.05 percent.
- Dynamic range: 86dB.
- Voltage: 120 VAC or 24VDC.
- 19” rack, 1U.
- Weight: 8 pounds.

#### **Optional RAS6000 Remote Access Server, 3-Port Modem to Ethernet**

- 3 integrated V90/56K modems.
- PAP & CHAP authentication.
- 10 MB Ethernet connectivity to I/PIX LANs; local & remote management using a telnet, TFTP or bundled management software.
- RADIUS authentication & accounting support.
- Flash memory on modems & server for easy updates.
- LAN port interface: 10 Base T; WAN ports interface: 3 built-in V90/56K modems.
- Data rates: 33.6K BPS upload & 33.6K BPS download speeds from dial-in clients & non-V90/56K flex servers; 56K BPS download speeds from digital V90/56K flex servers (dial-out only).
- Standards: data = V90/56K flex, enhanced V34 & below; error correction - V42; data compression = MNP Class 5, V42 BIS.
- Operation: line type, dial up.
- Memory: 8 MB RAM, 2 MB Flash ROM.
- Physical description: 6.2" W x 1.4" H x 9.0" D; 2 pounds; 15.8 CM x 3.6 CM x 22.9 CM; 0.9 KG.
- Approvals: FCC Parts 15 & 68; EN55022; EN55024; EN60950; UL 1950; CE mark.

## BUDGET

<b>Signalcast<sup>IP</sup> Broadcast Management Software Package</b>	<b>\$16,795</b>
NX6000 Message Player (Minimum of 1 required, possibly more for certain setups)	<b>\$ 3,995</b>
PC Mic/Headset	<b>\$89</b>
Optional Host Server with Software Installed	<b>\$ 5,295</b>
Optional RAS6000 Remote Access Server for Dial-Up Control of Digital Message Player	<b>\$ 1,795</b>
<b>Service/Support Options</b>	
Installation (Includes all travel, expenses, electronics installation, training & system certification for one 8-hr day)	<b>Inquire</b>
Extended Warranty Past First Year (per year)	<b>\$650</b>

### Terms

ISS prepays ground freight to ship your system inside the 48 contiguous United States. Freight to Alaska and Hawaii bears an additional charge. The product is typically available for shipment 30-60 days after ISS receives your order, and the equipment configuration information are provided. Terms are net 30 days to governmental entities and their agents; check-with-order for initial orders from private-sector entities. ISS reserves the right to invoice for equipment separately from labor items. Prices are valid 180 days from the quotation date. ISS has an automatic one-year parts-and-service warranty. Purchases are subject to Standard Terms and Conditions, an agreement to be signed.