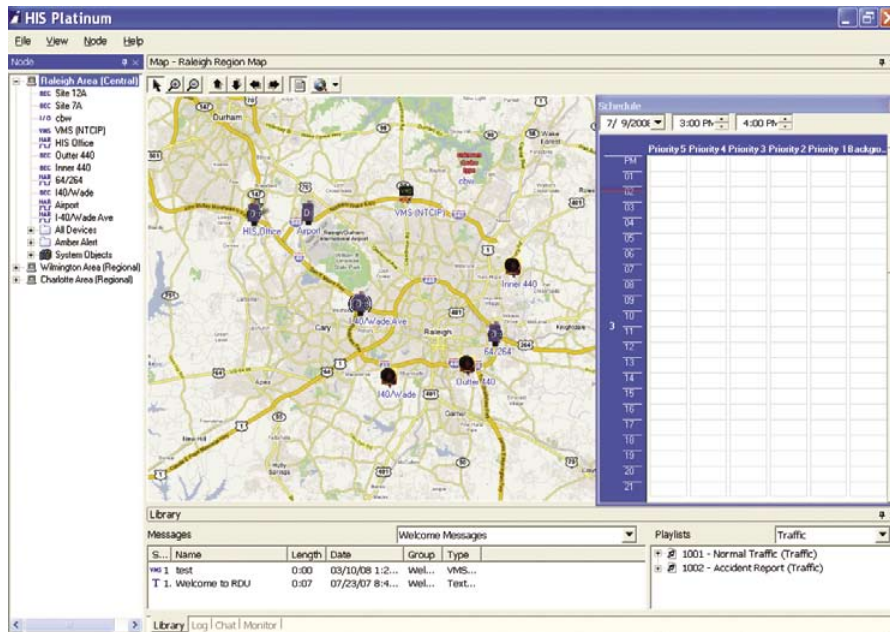


Vaisala HIS Communication Control Software HAS100



Benefits

- Allows you to control a single device or all devices with one command
- Allows you to get the most out of your HAR system by keeping it up-to-date
- Easy-to-use features such as drag and drop allows for a short learning curve
- Built on a reliable software language to ensure continuous operation
- Scalable from small systems to massive statewide multi-server operations
- Monitor the status of each device without having to travel to the site
- Optional email alerts for specific device parameter problems or issues

Overview

Vaisala HIS Communication Control Software HAS100 is a software system that allows for data management, communication and viewing of transportation communication equipment. HAS100 allows for full control of Highway Advisory Radios (HARs) by monitoring, creating and changing broadcast messages of each HAR connected to the software. Message recording, editing, review, scheduling and synchronizing are quick and easy through the intuitive graphical user interface that features map displays for each HAR system in your network. Manage and store a library of messages for quick release to the public, including the capability to execute commands for your entire HAR network in just a few simple steps. Platinum can manage other transportation communication devices such as flashing beacons and variable messages signs (VMS). The software also has the ability to monitor set parameters and alert an

Features

- Map feature displays all devices graphically
- Easy to use - drag and drop functions
- Support for multiple servers working together
- Flexible scripting support allows field service technicians to customize device operation
- Prioritize messages to ensure most important messages are playing
- Maps can be created and updated by user
- Systems (RWIS), and Variable Message Signs
- Program HAR broadcast schedule (single event or recurring)
- Uses an ODBC compliant database engine (SQL Server, or MySQL)
- Supports different user types (i.e., administrator, operator) and allows for custom user types where rights are assigned ad hoc
- Configurable alerting to be notified of any system parameters concerns
- Update a single field device or all devices within the system at once
- Record messages with a microphone, input an external .wav file, or type a message using the (optional) text-to-speech engine

administrator or user through email. The software system consists of a central server that manages and stores all information about the devices, and a client software that allows a user to manipulate and control the central server.

Technical data

System Requirements

Server Software	Windows Server 2003 or Windows XP Utilizes a SQL RDBMS for data storage Server can be hosted on the same machine as the RDBMS server, or a separate machine
Client Software	Windows XP SP2 or greater 2.0 GHz Pentium 4 class processor or better 512 MB main memory or higher 20 MB of free disk space To record audio workstation must have: 16 bit or better sound chip built into the motherboard, or on a PCI (or ISA) card that is capable of producing good to very good recordings of human voice using 8 bit samples, 11,025 samples/sec, mono, linear PCM. See Note 1 10MB (or faster) Ethernet card A network path is required between the client and the server. This may require that ports be opened up in firewalls to allow the client computer to "see" the Platinum server.

User Interface

GENERAL FEATURES

Utilizes a dockable, user-selectable multi-windowed interface which preserves the window layout from session to session
Access controls based on user groupings and definable users and administrators
Ability to manage devices, device groupings, users, user groups, script files and operations
Allow drag and drop functionality between playlists, libraries and map icons
Integrated Help feature provides useful assistance through simple F1 key
Support for chat sessions between users who are connected to the server

MAP CAPABILITIES

Displays multiple geographic map images upon which icons that represent devices can be placed and moved
Displays devices on the map windows with animated icons indicating the state of the devices
Displays user selectable fields of text under each device icon

NODES, DEVICES, AND GROUPS

Displays a diagram of server groups and devices
Nodes, devices and groups can be added, deleted, managed and edited

MESSAGES AND PLAYLISTS

Displays a window that represents the records contained in the media library, such as images, recorded sound files, playlists, and VMS messages

Messages and playlists can be sorted by slot, name, length, date, group, or type

Messages can be recorded using a microphone on the user's workstation, through a text-to-speech generator (optional), or imported as a .wav file

Existing messages and playlists can be edited, copied, exported, deleted and previewed

ADMINISTRATIVE

User accounts can be created granting users administrative rights, allowing for additions and modifications to groups, devices, and scripts

SCHEDULING

Supports a schedule window, which displays all current, past, and future events

Calendar view display allows for different priority levels in a hierarchical

Programming a single occurrence or a reoccurring event on a user defined schedule

Ability to assign the time that a schedule starts and stops, or to indicate that a schedule continues forever

Support for Foreground and Background schedule types

MULTI-NODE INSTALLATIONS

Software supports multi-node installations for multiple servers within a larger system

Administrators can manage single groups or apply changes to all nodes for global changes or operations

Note 1: The audio card must be recognizable by the Windows operating system and provide the ability to record using different PCM (or .wav) formats.

VAISALA

For more information, visit
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