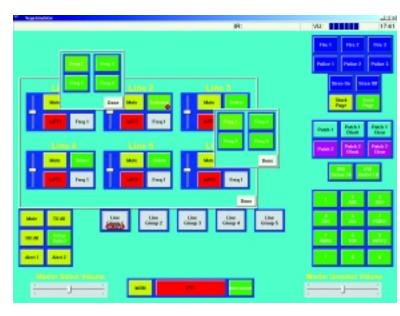# VEGA

C-Soft Voice over IP Software Dispatch Console

Product Used By:
- **Police and Fire Departments**
- **Utility and Energy Companies**
- **Railroads and Airline Industries**
- **US Forestry and BLM Agencies**

Key Features:
- **User Definable Screen Layout**
- **Windows Based C++ App**
- **Works with All Vega VoIP Products like C6200 and IP-223**

The Vega C-Soft software console is a Microsoft Windows application that enables a PC with a full duplex sound card and a network connection to monitor and control two-way radios that are connected to the network.

The software console is entirely user configurable through the CSoftDesigner.exe program. Using this program, the radio system specialist creates a custom dispatch screen with only those elements required by the end user. If a function is not required, it can be left off of the screen layout. Dispatchers with differing requirements can be given different screen designs. Once the screen layout is created, the designer program generates a file that is read by the CSoftRuntime.exe program. The runtime software does the actual IP communications with the other radio elements available on the network. This single screen design file makes it easy for the designer to send updates to users wherever they may be located.

The C-Soft package is fully compatible with popular touch screen monitors. Vega offers an HB-3 adaptor that allows standard desk microphone, headset and footswitch control of the PC dispatch station. Standard PC audio devices are also supported.

The designer software has the following elements that can be added to a design:

Main PTT	PTT Per Line
Main Mute	Mute Per Line
Mute Group	Freq Change
Select	Alert
Page	Page Stack
Page Send	TX All
RX All	DTMF Keys
Monitor	Intercom
Crosspatch	Supervisor
Crosspatch Block	Instant Recall
Crosspatch Clear	Group
Group Programmed	Vol Per Line
Select Volume	UnSel Volume
Popup Windows	Text Strings

With all of these elements, colors and text can be changed for each state of the control. The background colors can be changed. Groups of buttons can be placed within Popup windows to allow for logical grouping of controls. Variables can be placed onto buttons as text so that button names can change dynamically with radio activity.

As the software is updated by Vega, upgrades will be posted on the website for free download. The runtime program is secured from copying by use of a hardware key. When ordering the

software, please specify whether a Parallel port or USB based key is required.

The software console is a 32bit C++ application that can be multitasked with other programs running under Windows. This allows for other software applications to be executed on the same PC as the software console.

Documentation is provided for the product on the CD-Rom disk. It is in standard Adobe PDF format allowing for multiple copies to be printed, or installed on the designer/dispatcher computer for online reference.

The C-Soft console can be ordered in increments of 6, 12, 18, 50, or 100 lines. You can easily increase your line capacity later by purchasing a higher level hardware key. Please contact the Telex Communications factory or your local Sales Representative for the dealer in your area.

The C-Soft application is the foundation for complete control of small to large radio systems at a price point to fit your budget. All future radio control features will be supported within the C-Soft application.

1-800-752-7560

PC Requirements:

Operating System: Windows 98 or greater, Windows 2000 recommended

Sound System: Full Duplex windows compatible sound system. Sound Blaster or HW compatible recommended.

Network Connection: 10 Mbps or 100Mbps TCP/IP stack connection

Processor Speed: Celeron 500 or greater

Memory: Minimum of 64Mbytes recommended

As with any applications, the more lines are being simultaneously handled, the greater the demands on the computers processor and network resources. To control a greater number of lines will likely require higher end computers with higher end Ethernet adaptors.

Alert Tones:

Three Alert tone types are supported including steady tone, pulsed tone, and high low warble. All frequencies and durations are programmable.

DTMF Keys:

A full 16 key keypad is supported.

Paging:

Two paging formats are built into the C-Soft console software. Quickcall II in both the 100 and 1000 group formats, as well as DTMF paging are both supported.

Instant Recall Recorder:

The Instant Recall recorder tracks the last 30 seconds of both select and unselect speaker audio. Buttons can be setup to start playback at various points in the buffer.

Programmed Group and Mute Buttons:

For both Group and Mute functions, lines can be selectively included within these programmed buttons allow for instant access to particular lines of interest.

Crosspatch:

Up to 10 simultaneous crosspatch groups are supported

Status Indications:

24-hour clock, VU Meter, PTT Indication, Instant Recall Playback progress, and Text Messages are displayed on the upper status bar.

Vocoder:

A standard 32kbit ADPCM vocoder is utilized. With overhead, each channel requires 50kbit bandwidth.

Options:
- 6, 12, 18, 50, 100 control lines
- HB-3 Headset adapter
- MD-MS Desk microphone
- Footswitch

Warranty (Limited)

All Telex Communications Inc manufactured VEGA signaling products are guaranteed against malfunction due to defects in materials and workmanship for three years, beginning at the date of original purchase. If such a malfunction occurs, the product will be repaired or replaced (at our option) without charge during the three-year period, if delivered to the Telex factory. Warranty does not extend to damage due to improper repairs, finish or appearance items, or malfunction due to abuse or operation under other than the specified conditions, nor does it extend to incidental or consequential damages. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you. This warranty gives the customer specific legal rights, and there may be other rights which vary from state to state.

Claims

No liability will be accepted for damages directly or indirectly arising from the use of our materials or from any other causes. Our liability shall be expressly limited to replacement or repair of defective materials.

Specifications are subject to change without notice.