



**C-Soft is the industry's most flexible and capable software dispatch console and is the perfect application for any dispatch environment.**

C-Soft delivers all of the dispatch capabilities you expect while also giving you the flexibility that only an IP-based software console can provide: simple and quick deployment in the field, easy back-up of communications assets, and the ability to save multiple configurations on a single computer. This proven application has been deployed in communication centers around the world in applications from 911 dispatch to mobile command centers and transportation management.

**PRODUCT INFORMATION**

**BASE DISPATCH SOFTWARE**

SAP #	Description
<b>F.01U.307.023</b>	C-Soft 2-line Software v7
<b>F.01U.307.024</b>	C-Soft 6-line Software v7
<b>F.01U.307.025</b>	C-Soft 12-line Software v7
<b>F.01U.307.026</b>	C-Soft 24-line Software v7
<b>F.01U.307.027</b>	C-Soft 50-line Software v7
<b>F.01U.307.028</b>	C-Soft 100-line Software v7
<b>F.01U.307.029</b>	C-Soft 150-line Software v7
<b>F.01U.307.030</b>	C-Soft 200-line Software v7
<b>F.01U.307.031</b>	Upgrade previous C-Soft to C-Soft v7

**OPTIONAL FEATURES\***

SAP #	Description
<b>F.01U.307.047</b>	SIP 6-line C-Soft v7
<b>F.01U.307.048</b>	SIP 12-line C-Soft v7
<b>F.01U.307.042</b>	P25 DFSI Direct IP 2-line
<b>F.01U.307.043</b>	P25 DFSI Direct IP 6-line
<b>F.01U.307.044</b>	P25 DFSI Direct IP 12-line
<b>F.01U.307.045</b>	P25 DFSI Direct IP 24-line
<b>F.01U.307.038</b>	Kenwood NEXEDGE Direct IP 2-line
<b>F.01U.307.039</b>	Kenwood NEXEDGE Direct IP 6-line
<b>F.01U.307.040</b>	Kenwood NEXEDGE Direct IP 12-line
<b>F.01U.307.041</b>	Kenwood NEXEDGE Direct IP 24-line
<b>F.01U.307.032</b>	Per-Line Call Playback 2-line
<b>F.01U.307.033</b>	Per-Line Call Playback 6-line
<b>F.01U.307.034</b>	Per-Line Call Playback 12-line
<b>F.01U.307.035</b>	Per-Line Call Playback 24-line
<b>F.01U.307.036</b>	Per-Line Call Playback 50-line
<b>F.01U.307.037</b>	Per-Line Call Playback 100-line
<b>F.01U.343.866</b>	AES Encryption Option, Per-Seat
<b>F.01U.343.860</b>	DMR AIS Direct IP 2-line
<b>F.01U 343.861</b>	DMR AIS Direct IP 6-line
<b>F.01U 343.862</b>	DMR AIS Direct IP 12-line
<b>F.01U 343.863</b>	DMR AIS Direct IP 24-line
<b>F.01U 343.865</b>	API - Application Programming Interface, per seat

\*These are enablement options, and do not add to total line count. Be sure to order the correct size of C-Soft to accommodate these options.

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**C-SOFT IP DISPATCH CONTROL**



# C-Soft IP Dispatch Control

# C-Soft Features

## More installations than any other IP-based dispatch system.

Telex Radio Dispatch, part of the Bosch Group, manufactures and delivers thousands of mission-critical communication systems worldwide.

Telex Radio Dispatch is the leading manufacturer of IP control for two-way radio communications. Based on a distributive architecture, Telex dispatch console systems have flexibility, scalability, and redundant capability based on the network.



Telex converts audio and control functions from analog or digital to Ethernet packets. Once converted to IP, the signal can be transported via LAN, WAN, 802.11 wireless, satellite, and the Internet. With this many mediums to work with, systems can be precisely scaled according to application—whether confined to a single building or campus, or covering an entire country or the world. You can control a Telex IP-based system in Texas from New York, and all with parallel control in London, England.

The graphical user interface of the C-Soft can be designed and arranged to best suit your organization's needs. Icons, text, buttons, borders, backgrounds, and images can all be programmed to meet your specific operational requirements. The screenshots above depict just a few of the design layouts that can be achieved using the C-Soft Designer application.

### Minimum PC Requirements:

**Operating System:** Windows 7, 8.1 or 10 required.

**Network Connection:** 10 Mbps or 100 Mbps TCP/IP connection. Static IP address preferred.

**Processor Speed:** Intel Core i3 CPU 2.8 GHz or greater, especially if controlling P25 radios or large numbers of radios.

**Memory:** Minimum of 8 GB recommended

**HDD:** Minimum one HDD for OS and applications, an additional HDD suggested if using Per-Line Call Playback option. (SSD's are not recommended for this option)

### SCALABLE SOLUTIONS

Telex C-Soft dispatch consoles are scalable to meet your current requirements, as well as grow to meet your future demands.

### HIGHLY CONFIGURABLE

The C-Soft console is designed to meet your operational requirements. Operator screens can be designed and set up to accommodate and adapt to the way your organization communicates.

### EASY TO OPERATE

C-Soft's intuitive design makes it extremely user friendly and easy to learn and operate.

### AVAILABLE CONFIGURATIONS:

- C-Soft is available in configurations from 2 to 200 lines.

### USER INTERFACE:

- User-controlled configurations for any dispatch application.

### SIGNALING CAPABILITIES:

- MDC1200 encode and decode, NexEdge, FleetSync encode and decode, DTMF, serial and OTA FleetSync, 5/6 tone - supports emergency, group, individual, and status calls.

### INSTANT RECALL RECORDER:

- Tracks the last ten minutes of both select and unselect speaker audio.
- Buttons can be set up to start playback at various points in the buffer or played call-by-call from the call buffer.

### INFORMATION WINDOWS:

- Per-Line Call History, Active Emergency, Emergency History, Manual Call List, Status Windows, and Call Queue.

### PER LINE CALL PLAYBACK:

- The option expands capabilities to one hour to recording up to 100 lines. 1 line included with each C-Soft license.

### INTERCOM CAPABILITIES:

- Intercom communications between dispatch positions can be set up on all consoles on the system.

### DTMF KEYS:

- A full 16-key keyboard is supported.

### PAGING:

- Multiple paging formats are built into the C-Soft console software.
- Quickcall II in both the 100 and 1000 group formats, as well as DTMF, Knox Paging tone, and 5/6 tone paging.
- Manual frequency entry mode is also supported.

### ALERT TONES:

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

### PRE-RECORDED ANNOUNCEMENTS:

- Transmit pre-recorded .wav files to selected lines with a single button press.

### PROGRAMMED GROUP & MUTE BUTTONS:

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

### STATUS INDICATORS:

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

### FLEXIBLE AUDIO INTERFACE OPTIONS:

- Using Telex's ADHB-4 and the RHB, C-Soft can interface with all common dispatch communication audio sources, including headsets, desktop microphones, external speakers (up to six), and footswitches.

### SIP TELEPHONY:

- Crosspatch, DTMF hold, call history, phone directory, stun, and proxy server.
- Provides audio adjustment with silence detection and jitter buffering.
- Able to specify IP interface for SIP connections.
- 2 lines included with each C-Soft license, expandable to 6 or 12 lines.

### MULTIPLE VOCODERS:

- Per-line vocoder-type ability to select lower bandwidth vocoder.

### SPECIAL INTERFACES:

- MOTOTRBO™ Systems with Mapping, Motorola Smartnet/Smartzone, Kenwood NEXEDGE, Icom IDAS, TETRA (Hytera/PowerTrunk/Sepura), iDEN, P25 DFSI, and DMR
- API option for 3rd party interface (CAD)

### SPECIAL INTERFACE RADIO COMMANDS:

- Channel/TG change, Group/Private Call, Encryption, GPS, Monitor, Call Alert, Radio Check/Enable/Disable, Remote Monitor, Text Messaging, Status Request, Scan and Talk-Around
- Commands vary based on Interface type, please see manual for more details.
- P25 Encryption Option, supports DES and AES 256 bit standard. Using FIPS 140-2 compliant solution for DFSI and future CSSI systems.\*\*

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### \*\*OPENSSL PROJECT

This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (<http://www.openssl.org/>). This product includes cryptographic software written by Eric Young (eay@cryptsoft.com). This product includes cryptographic software written by Tim Hudson (tjh@cryptsoft.com).

