



TELEX

Radio Dispatch

Radio Dispatch Engineering Group

C-Soft Version 7.300 Engineering Release Notes

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Table of Contents

1. Revision History	1
2. Overview	1
3. New Features	1
Version 7.300	1
4. Improved Features and Fixed Issues	2
Version 7.300	2
5. Known Issues	2
Version 7.300	2
6. Compatibility	3
Version 7.300	3
7. Installation and Upgrade	3
Version 7.300	3

1. Revision History

Revision	Date	Author	Description
A	08/07/2009	Radio Dispatch Engineering Group	Initial draft C-Soft Version 4.200
B	09/11/2009	Radio Dispatch Engineering Group	Updated to C-Soft Version 4.300
C	03/31/2010	Radio Dispatch Engineering Group	Updated to C-Soft Version 5.000
D	06/24/2010	Radio Dispatch Engineering Group	Updated to C-Soft Version 5.100
E	07/16/2010	Radio Dispatch Engineering Group	Updated to C-Soft Version 5.200
F	10/22/2010	Radio Dispatch Engineering Group	Updated to C-Soft Version 5.300
G	05/26/2011	Radio Dispatch Engineering Group	Updated to C-Soft Version 5.400
08	06/08/2012	Radio Dispatch Engineering Group	Updated to C-Soft Version 6.000
09	07/26/2012	Radio Dispatch Engineering Group	Updated to C-Soft Version 6.100
10	12/06/2012	Radio Dispatch Engineering Group	Updated to C-Soft Version 6.200
11	08/20/2014	Radio Dispatch Engineering Group	Updated to C-Soft Version 6.500
12	02/20/2015	Radio Dispatch Engineering Group	Updated to C-Soft Version 7.000
13	05/02/2016	Radio Dispatch Engineering Group	Updated to C-Soft Version 7.100
14	05/26/2017	Radio Dispatch Engineering Group	Updated to C-Soft Version 7.200
15	11/17/2017	Radio Dispatch Engineering Group	Updated to C-Soft Version 7.300

2. Overview

This is the release notes for C-Soft Version 7.300 firmware/software. This release contains new features, improved features, and fixed issues. The release notes include all of the changes and fixes since official release Version 7.200.

3. New Features

Version 7.300

- Added support for DMR-AIS standard. C-Soft can now connect to DMR repeater via wireline interface. Compatible DMR systems are Tait DMR Trunking and Hytera DMR Conventional.
 - AIS Lines require additional feature license TRD-CSOFT-DAIS-X, in increments of 2, 6, 12, and 24.
- Added Application Programming Interface for third-party systems to remotely control C-Soft Runtime.
 - Consult C-Soft Manual for instructions on configuring and utilizing the C-Soft API.
 - API operation requires additional feature license TRD-CSOFT-API.
- Added support for P25-DFSI Encryption:
 - Encryption Setup Window: handles the task of registering keys, managing encryption profiles, setting Key Fill Device serial connection port, and specifying a Demo key.
 - Per-Line Setup --> P25-DFSI Line --> Channel Table: Added Encryption Profile column
 - UI Element: Encryption Key Select button.
 - Consult P25-DFSI Encryption Demo document or C-Soft Manual for instructions on configuring and utilizing P25 Encryption.
 - P25-DFSI Encryption requires additional feature license TRD-CSOFT-P25ENCRYPTION.
- Launch Application Button
 - Can now be triggered upon receiving specific text messages.
 - Can now be triggered upon receiving specific status messages.

- Relay Control Button
 - NEO-10 and ADHB-4 relays can now be triggered upon receiving specific text messages.
 - NEO-10 and ADHB-4 relays can now be triggered upon receiving specific status messages.

4. Improved Features and Fixed Issues

Version 7.300

- C-Soft Designer
 - ADHB-4
 - Fixed configuration issue with input indication and relay control button.
 - NEO-10
 - Fixed configuration issue with input indication and relay control button.
 - Miscellaneous
 - Added additional checks to prevent crash when attempting to open an invalid design file.
 - Fixed issue with Line 1's parameters not properly being reset when set to "Disabled".
- C-Soft Runtime
 - NEXEDGE
 - Fixed potential crash experienced when receiving NEXEDGE Conventional GPS response when KML / GPS IP Output is disabled.
 - Improved call release behavior in order to not miss end-of-call audio.
 - Fixed issue where "R" icon would be shown on select button but no audio would be heard.
 - SIP
 - Fixed potential crash when remote party takes C-Soft off hold with Cisco Call Manager.
 - Fixed problem with failure to answer an incoming call with Cisco Call Manager.
 - Fixed issue with Avaya Blind transfer failure.

5. Known Issues

Version 7.300

- API
 - Page Queuing will not respect talk time of page that is currently being sent. If using talk time do not send a page during its execution. Wait until the current page is finished (including talk time).
 - Stacked pages can only be sent on a single frequency. If multiple frequencies are stacked together C-Soft will send all pages on the first pages frequency.
- DMR
 - Radio Disable on a Tait Tier III trunking system responds with a "404 Not Found", but the target device is still successfully disabled.
 - Node failover is not supported for Tait Tier III trunking system.
 - GPS Trigger On/Off is not supported on Hytera Conventional.

- Per-Line Recording on a SIP line will not record all participants during Consultant Transfers, Three-Way Calls, or Line Conferences.
- NEXEDGE Direct IP – Trunking: C-Soft Runtime will not operate on Kenwood's NEXEDGE Generation 2 server. Kenwood has released the new firmware to address this issue but no validation from customer if the issue has been resolved.
- NEXEDGE Direct IP – Conventional: For Kenwood NXR-x10-K2 Firmware Version 3.13.00, RAN Encode values 10 – 63 will currently not work on the IP connection between C-Soft Console and Kenwood Conventional system. Only RAN values of 0-9 will work. Kenwood has been informed of the issue and we are awaiting a resolution.
- Sending Call Alerts using MDC-1200 signaling will generate a "No Response" entry in the Call History windows and in the MDC-1200 window if using an IP-223 or a version of IP-224 firmware prior to v2.000.
- When using the MTRBi interface, C-Soft can only receive a text message from a MOTOTRBO radio when a text message is sent from C-Soft and the remote radio is replying to that text message.
- If multiple emergencies are active on a single MOTOTRBO line, acknowledging one of the emergencies will incorrectly stop the emergency indication actions (i.e. Select button blinking) on parallel consoles.

6. Compatibility

Version 7.300

- Compatible with ADHB-4 Version 3.000.
- Compatible with IP-224 Version 2.200.
- Compatible with Telex License Server 1.102.
- **Not compatible** with the Sentinel/SafeNet/Rainbow keys (USB or Serial). A Flexera Entitlement Certificate (software license) is now required for C-Soft Runtime operation. Please contact Telex Technical Support to acquire Entitlement Certificates.

7. Installation and Upgrade

Version 7.300

- To install C-Soft on Windows 7, Windows 8, and Windows 10:
 - Double click on the C-Soft_7_vXXXX setup executable.
 - Follow the steps provided on the screen to install C-Soft.
 - During the C-Soft installation, the user will be prompted to install updated drivers for the ADHB-4. Follow the instructions on the screen to complete ADHB-4 Driver Installation. If up-to-date ADHB-4 Drivers have already been installed, this step can be skipped.
 - During the C-Soft installation, the user will be prompted to install Telex License Server, which is required for obtaining and maintaining licenses for C-Soft.
 - The Telex License Server Installer may also install the prerequisite Microsoft Visual C++ 2012 Redistributable package if necessary. If Microsoft Visual C++ 2012 Redistributable is already present, this step can be skipped.
 - As necessary, contact Telex Technical Support to acquire license Entitlement Certificates. Consult the C-Soft manual's appendix titled Telex License Activation Tool for more information on licensing requirements, activation processes, and architecture.
- To upgrade C-Soft:
 - Uninstall any previous of C-Soft using the Windows Uninstall Program feature under Control Panel
 - Locate the appropriate version of C-Soft installation package to install C-Soft