## **v8.0.12 05/02/2025**

CTecControls v1.5.18, CTecDevices v1.3.15, CTecFtdi v1.3.2, CTecUtil v1.5.13

- A new View Comms Log feature has been added to the main menu under View. This displays logs of recent panel uploads/downloads per app session. The logs are retained for 30 days; there is the option to save to a text file. If the app is in Debug mode (via ctrl-shift-alt-U) more information will be displayed in the log, including the data bytes sent/received.

- Groups Configuration: corrected parsing of the Phased Delay value: 0xffff is now interpreted as zero instead of 12:15.

- Causes and Effects: the number of devices shown in drop-down lists has been increased to make the scrollbar handle larger so that it can be more easily used.

## **v8.0.10 17/01/2025**

CTecControls v1.5.17, CTecDevices v1.3.15, CTecFtdi v1.3.2, CTecUtil v1.5.11

- Recent Files list updates correctly on-screen when files are removed or are added to an empty list.

## **v8.0.9 03/01/2025**

CTecControls v1.5.15, CTecDevices v1.3.14, CTecFtdi v1.3.2, CTecUtil v1.5.10

- Minimum zoom level is no longer so tiny as to be unusable.

- Corrected displaying of Panel Management pop-up window.

## **v8.0.8 17/12/2024**

CTecControls v1.5.14, CTecDevices v1.3.14, CTecFtdi v1.3.2, CTecUtil v1.5.9

- Issue on startup under Win11 fixed.

## **v8.0.6 13/12/2024**

CTecControls v1.5.14, CTecDevices v1.3.14, CTecFtdi v1.3.2, CTecUtil v1.5.7

- Corrected Zone Config’s Zone/Panel names and Network Config’s Panel names being offset with respect to their index when uploaded to panel.

- Corrected panel descriptions in the Network Config verification error messages.

- Corrected spurious error indication when setting a device’s group to #16, which is a valid number.

- Message boxes and the upload/download progress window is now scaled to match the parent window’s zoom level.

## **v8.0.5 22/11/2024**

CTecControls v1.5.13, CTecDevices v1.3.12, CTecFtdi v1.3.2, CTecUtil v1.5.5

- Corrected spurious error indication when setting a device’s zone to 32.

- COM Port list is sorted numerically instead of alphabetically.

- Event Log viewer: user input in the text panel is disabled.

- Some icons have been updated and new ones added.

- Panel comms pinging now ceases when there is an active upload/download.

- Tweaks to upload/download progress bar.

- Downgraded libraries to .NET 6 owing to an issue with comms in the Quantec Pro Tools app.

## **v8.0.4 14/10/2024**

CTecControls v1.5.10, CTecDevices v1.3.10, CTecFtdi v1.3.1, CTecUtil v1.5.2

- Changed the messages in Panel Management.

- Main screen input is now disabled during comms (as it used to be).

- Minor tweaks to styles, including centring the Radio Button’s dot.

## **v8.0.3 08/10/2024**

CTecControls v1.5.9, CTecDevices v1.3.9, CTecFtdi v1.3.1, CTecUtil v1.5.2

- Put Event Log Viewer into pause mode if it is running and the user changes to another page.

- Fixed an error in Event Log Viewer that occurs in Windows 11 but did not in Windows 10 (no longer calls UIState.SetBusyState).

## **v8.0.2 07/10/2024**

CTecControls v1.5.8, CTecDevices v1.3.8, CTecFtdi v1.3.1, CTecUtil v1.5.2

- The Panel Location item on the Site Configuration page has been moved to the Network Configuration page, with a location for each panel.

- The up/down arrows on the device and zone info panels have been removed.

- The title “Repeaters” has been removed from the Network Config page.

- A fault has been fixed that prevented opening a file containing devices for a protocol other than the current one.

- Multiple instances of the app can now be run.

- The confirmation message has been amended for the case where a panel has been removed via the Panel Management option.

- The Event Log Viewer is now operational.

- Several icons have been updated.

- Prevent crash when changing ports, especially to a different type of panel.

- An error message is now always shown in the event of a comms timeout.

- Corrected margins in comms progress window.

- Changed the Delete icon.

- Added handling for scrolling and ListViews.

- Amended control styles, particularly for DatePicker.

- Fixed bug in KeyEventArgIsAlphaNumeric

## **v8.0.0 21/08/2024**

CTecControls v1.5.4, CTecDevices v1.3.4, CTecFtdi v1.3.1, CTecUtil v1.5.0

- Amended styles for data grids and message boxes.

- Amended Sensitivity descriptions for CAST Pro devices.

- Fixed bug in Date.ToByteArray for 4-digit years.

## **v7.2.3 02/08/2024**

CTecControls v1.5.3, CTecDevices v1.3.3, CTecFtdi v1.3.1, CTecUtil v1.4.3

- Devices page:

- IO config settings were not downloading/uploading correctly

- Zones page:

- Now handles null day/night values properly when selecting a panel item.

- Groups page:

- Corrected the default values for first 5 columns of zones and panels to be Evac, not Alert.

- Sets page:

- Corrected the default values for first 2 columns of zones and columns to be Continuous

- Corrected the default Silenceable settings so that panel relay set 1 is silenceable.

- Fixed an error where the panel values were overwriting the first 8 zones on screen. This made it appear that the zones were wrong, although the data behind was correct.

- A typo has been corrected which was parsing panel relay triggers incorrectly.

- Causes and Effects page:

- The default trigger and reset conditions are now implicitly True and False respectively, rather than null. This prevents annoying error boxes being shown when new triggers are added.

- Validation window –faults stemming from the new multi-panel mode have been fixed.

- The app can now open .xfp2 files that were saved in the older single panel data format.

- When exiting the app it sometimes froze instead of closing - this was because of a com port hang. Now the app will only wait 3 seconds for a com port response before the app is killed.

- Corrected send/receive error message box headers when not connected.

- Added ability for message boxes to show exception details.

- The download progress bar would only get to ~60% before completion of a system download because the remaining items in the device name request queue are discarded once the panel has sent all existing names. The queue handling in SerialComms now takes account of this.

## **v7.2.2 08/07/2024**

CTecControls v1.5.2, CTecDevices v1.3.2, CTecFtdi v1.3.1, CTecUtil v1.4.2

- The app now handles datasets for multiple panels. When data is read from a device or file it is added to the existing data set in its respective panel position, optionally preserving any pre-existing panel data relating to other panels. A Panel Management pop-up has been added for adding/removing panels.

- The Network Configuration ‘Accepts from panels’ values are now saved to file.

- Reinstated the Zones page’s header formatting (couldn’t trace in Git when this was changed).

- NumberSpinner control: added NumberSet property, that defines the set of valid values for the case when the valid values are not consecutive, and ShowNumberSetTotal property which allows the total number in the set.

- The device type numbers have been corrected for four of the CAST Pro devices.

- Number lists are now formatted in a number-range style, e.g. “1-3,6,8-10” instead of "1,2,3,6,8,9,10”.

- SerialComms now checks that CheckProtocolCommand et al are not null before calling.

## **v7.2.1 16/05/2024**

CTecControls v1.5.1, CTecDevices v1.3.1, CTecFtdi v1.3.1, CTecUtil v1.4.1

- Updated to target .NET 8.0.

- The contents of CTecUtil.API.gdi32 and CTecUtil.API.User32 have been moved to new IconUtil, MenuUtil, MonitorUtil, WindowUtil classes. The contents of CTecUtil.API.kernel32 has been moved to the new CTecFtdi.DllUtilities class. References to all have been refactored.

- Fixed a crash when entering a device name when the DeviceNames table is empty.

- DataGridColumnsBehaviour has been added to facilitate variable numbers of columns in DataGrids.

- ListViewExtensions has been added to facilitate drag & drop support.

## **v7.1.10 25/04/2024**

CTecControls v1.4.21, CTecDevices v1.2.3, CTecFtdi v1.2.3, CTecUtil v1.3.20

- Alarm verification counts are now correctly offset when sending and receiving to/from the panel.

## **v7.1.7 24/04/2024**

CTecControls v1.4.21, CTecDevices v1.2.3, CTecFtdi v1.2.3, CTecUtil v1.3.19

- Show “n/a” for the number of loops in the Info popup if no panel is connected.

- Device Details: the default alarm verification counts are now 1.

- Device Comms:

- Device Type code 4 in the base sounder group record is now only set where the item relates to a device where the base sounder group is set.

- The Group byte in base sounder group records now has its top bit set: this is in common with normal practice in order to denote an output group.

- Hamburger menu options: the ToolTip text is now refreshed on change of language.

- The facility to write to the Windows Event Log has been added.

## **v7.1.6 24/04/2024**

CTecControls v1.4.20, CTecDevices v1.2.3, CTecFtdi v1.2.3, CTecUtil v1.3.18

- Default device sensitivity is now 100, not 75.

- If Remote LED is enabled the Auxiliary Base Sounder Group option is disabled.

- The correct Device Type code (4) is now sent in the Base Sounder Group record.

- The Remote LED Enabled selection value is now sent in the Device record.

## **v7.1.5 10/04/2024**

CTecControls v1.4.20, CTecDevices v1.2.3, CTecFtdi v1.2.3, CTecUtil v1.3.18

- The Tools would only talk to panel #1. This was because the ping commands were not reinitialised when the user changed panel. It has been fixed.

- Ping commands now use always use the current panel number.

## **v7.1.3 21/03/2024**

CTecControls v1.4.20, CTecDevices v1.2.2, CTecFtdi v1.2.3, CTecUtil v1.3.17

- Added Group and Volume settings to CAST PRO devices with sounders.

- Remote LED and Base Sounder Group columns are now hidden for CAST protocol.

- Amended XfpCast’s IsGroupedDevice and IsVolumeDevice properties for CAST PRO devices with sounders.

## **v7.1.1 14/03/2024**

CTecControls v1.4.19, CTecDevices v1.2.1, CTecFtdi v1.2.3, CTecUtil v1.3.17

- Corrected an error when multiple devices are selected: if the list contained invalid modes the value in the Info Panel could show as one of the valid modes instead of being blank.

- Reverted the StoreLogo to “X”.

- Fixed the fault caused when changing to Apollo protocol when ModeSettings was set to null.

## **v7.1.0 13/03/2024**

CTecControls v1.4.18, CTecDevices v1.2.0, CTecFtdi v1.2.3, CTecUtil v1.3.17

- Default DeviceData day/night modes are now set according to the device type and are set to default values when a device is changed or added.

- The modes menus are now updated correctly when the device selection changes and when the culture is changed.

- Zone validation now correctly reports if the total delay time is too long.

- Made properties/functions internal or private as applicable.

## **v7.0.10 12/03/2024**

CTecControls v1.4.18, CTecDevices v1.1.12, CTecFtdi v1.2.3, CTecUtil v1.3.17

- Recent Files list no longer wraps long filenames’ text.

- Support for CAST PRO devices has been added.

- Device volume and sensitivity values are now sent to the panel in the correct data bytes.

- Causes and Effects panel download error has been fixed where the Reset Type was being decoded incorrectly.

- The ability to show disabled items in ComboBox dropdown lists has been added.

- The TimePicker control now has an AllowMidnight property: if false, “0:00” means “never” and is shown as “--:--“.

## **v7.0.9 29/01/2024**

CTecControls v1.4.17, CTecDevices v1.1.11, CTecFtdi v1.2.3, CTecUtil v1.3.16

- The date/time data format has been corrected when syncing the panel to the PC time.

- The default zone, group or set on a new device is now set to 1 instead of “Use in Special C&E”.

- Default device I/O settings have been implemented where applicable; this corrects the input/output and channel settings across different device types for both CAST and Apollo.

- When reading from a config file the number of loops is correctly set, and the device pages are displayed accordingly.

- The link between the Summary and Details pages is no longer broken after a download: this means that the devices on the Loop Summary pages are now correctly shown after downloading from a panel and thereafter any changes made on one page are reflected on the others.

- Zones’ day/night dependency options were not being read correctly from config files. This has been fixed.

- Causes and Effects: fixed a panel download error where the Reset Type was decoded incorrectly.

## **v7.0.8 29/01/2024**

CTecControls v1.4.16, CTecDevices v1.1.10, CTecFtdi v1.2.3, CTecUtil v1.3.15

- The displayed upload/download command queue total counts could get out of sync with the current queue. This has been fixed.

- The filename in the status bar is now unchanged if the selected file fails to open; the correct message when attempting to open a non-existent file is shown; also the option to remove it from the Recent Files list is given.

- Day/night volumes are now correctly read from config files.

- Fixed a panel download error where the Cause and Effect Reset Type was decoded incorrectly.

- Importing from a .XFP file now correctly sets device Volume settings and handles empty Cause & Effect values.

- Corrected the sort order of port names in the Serial Port Settings menu.

## **v7.0.6 29/01/2024**

CTecControls v1.4.15, CTecDevices v1.1.9, CTecFtdi v1.2.3, CTecUtil v1.3.13

- Support for Apollo panels has been added.

- When ‘Enable changes’ has not been checked any attempt at pasting into textboxes will show the Allow Changes? Message.

- The device Alarm Verification Counts are now included in data transfers.

- Download/upload current page now only requests/sends the current loop; this is reflected in the text below the buttons; downloading/uploading loops distinguishes them correctly.

- Warnings are shown if the connected panel does not have the same number of loops as the on-screen settings.

- Maximum name length has been corrected.

- Zone names in the drop-down menus on the devices pages now show the zone number plus the name if it has been changed from the default.

- “select a zone or panel…” text is now shown when no zone is selected.

- Dependency reset times are correctly shown according to dependency type.

- The total output delay calculation is now based on the zone’s output delays plus the global input delay.

- Not-fitted devices are now shown as “--” in device list menus on the Causes and Effects page.

- True/False menu selections are preserved when the language changes.

- The app’s start-up time has been improved.

- A Disconnect option has been added to the Serial port settings menu.

- Corrected the TimePicker control so that its time format now reflects a change of language.

- The device names list is now managed correctly.

## **v7.0.5 10/10/2023**

CTecControls v1.4.14, CTecDevices v1.1.8, CTecFtdi v1.2.3, CTecUtil v1.3.12

- First release to the MS Store.