Version V2.00 update information 12-02-2014

> *Note:* *Version not compatible with previous versions. Use of V2.0 requires matching V2.0 nCompass CM software. Export configuration files from previous versions not compatible with V2.0. Upgrades to V2.0 require full reconfiguration of control system.*

1. Automatic prgram operation mode (ramp time vs. ramp rate) selection removed from configuration. Program operation is fixed for ramp time only.
2. Maximum loops and IO capabilities increased from 3 to 10 loops, 16 to 32 digital outputs, 16 to 32 events, 4 to 14 analog inputs and 2 to 7 analog outputs. Maximum monitor points (15) and digital inputs (16) remain unchanged.
3. Loop tuning added to device settings menu. Provides the user with the ability to adjust PB, TI and TD for all loops attached to the system. Feature can be disabled in configuration.
4. Modbus slave communicaitons interface added to GUI communication port 2 as standard feature. Fixed to 9600 baud, 8 data bits, even parity and 1 stop bit to match optional user serial communications port on CM.
5. User interface updated with smooth scrolling touch lists for all user event selections and digital IO functions and monitoring.
6. Manual events screen replaced with system Overview screen providing access to all loops and monitors as well as event selections from a single screen. Alarm setpoint button allows user to edit alarm high/low setpoints from Overview screen.
7. Delta control option added to automatic program configuration. Fetaure can be disabled in configuration.
8. Up/Down buttons removed from screens that include listViews. Lists are scrolled by touch flow movement so up/down buttons are no longer required.
9. Object modeBtn designer default set to "False". Application will set button visibility to "True" if redundancy is programmed for "After defrost" per documentation.
10. Profile program buttons for "Event, Soak, Wait, Analog, Digital and Delta" will include a "*" prefix in name if any of these option are programmed for a step (no * prefix if not used in step). This allows the user to scroll through the steps in a profile and easily see if these features are used in a program step.
11. Bug corrected when entering new password for user (security, users tab, password). When pressing "save" button incorrect listview was being updated and index was out of range which caused the old password stored to be used on the next boot of system. New user password entry and change password on ageing worked correctly.
12. Security bug corrected for change password panel. Password panel will now show any time password needs to be manual or automatically changed (based on ageing) no matter which screen is programmed for "home" screen
13. Password age days default set to 0 (from 1).
14. Change password option from menu will update the users tab info imediatley rather than on repower.
15. All file read/writes set to eliminate possible OS sharing violations.
16. Usage of non-FDC hardware will use standard messagebox on startup to alert user.

Version V1.30 update information 04-23-2014

1. FrmSysSet method setTimeBtn_Click and clsComms method updatePlcClock revised to properly sync CM clock with CE clock during user time set, NTS and DST time changes.
2. FrmSysSet methods diSetup/doSetup. Digital input/output arrows (left/right) code corrected to match IO count programmed in config.

Version V1.20 update information 04-01-2014

1. Remove evNameLv.EndUpdate() "in the exception in FrmTxtEntry btnDone_Click . Method setLvEdit ends updates at end of call.
2. All listViews updated to new objects that include touch scroll momentum to duplicate operation of smart phone and tablet consumer devices.
3. All "button" selection list devices include touch scroll momentum and button placement on right side of list to duplicate operation of smart phone and tablet consumer devices.
4. Corrected bug in FrmOpen_Save object. Up/Down keys for list scroll where not active if user entered "empty" for a file name.

5. New VNC server included and updated to V4.1.4. Compatibility testing completed with VNC client "VNC Viewer 4" and iPad "Remotix" VNC client. V4.1.4 provides increased performance over previous VNC server included with pre V1.9 builds.
6. All screens with "Save option" updated to display currently used settings upon each entry to screen. Previous version would only update values on system boot. If user altered or deleted setting entries but did not press the save button, the new entries would continue to be shown even if user did not save. Settings fields will now revert back to current settings each time user selects or enters the screen.
7. Form1 method TrendDoneBtn_click modifed to delete all trend points from listview properly in iteration loop.
8. FrmDataLog methods updated to properly turn off corresponding file copy button when security access is denied.
9. Decimal precision of 7 segment LED display updated when switching between loops/monitos with different precision between decimal positions used.
10. FrmDataLog method loggingBtn_MouseUp updated to properly set logging button state to current logging status on user button press when security access is denied.
11. clsLanguage method createNotifyLv and clsNotify method addNotifyData mdofied to include all loops and monitors in notify list.

Version V1.1 update information 10-18-2013

1. NTP service updated to allow user to select and enter a designated time server other than selecting one of the default national time servers. Allows automatic time synchronization when operated behind a firewall or on a local network where no internet connection is available.
2. Barcode option added so user can select operator event entry on barcode scan or start profile on barcode scan. Start profile option requires user to confirm profile start from UI after barcode is scanned. If profile is already running or profile does not exist, no profile functions will be initiated.
3. Alarm volume set to zero (off) for default configuration to prevent alarm from sounding on new units that have not been configured. Allows user to choose if alarm should sound and at what volume.
4. Configuration now allows selection of all T/C type supported by thermocouple input monitor card.
5. Silent alarm option added for all user configurable alarms to prevent alarm from sounding or showing on the alarm monitor screen.
6. Temperature unit's selection modified so user set point limits will be automatically converted between C and F on units change. Decimal position for limits will be forced (in displayed value) based on decimal setting for loop/profile field being edited.
7. Configurator modified to set user limits to config limits if user limits out of range of min/max limits.
8. Help files updated for accuracy to match LC version for all "identical" functions.

Version V1.0 release notes/updates 07-11-2013

Config release on July 11, 2013, 8:46:51 AM
Runtime release on July 11, 2013, 8:47:13 AM

1. Update build to newest objects and development system.
2. Update to help system for new language format. New language support provides for 28 different languages with multi-lingual messages and menus system.
3. Added automatic scrolling for all lists.
4. Notification scroll down window added to system.
5. Help is now a scroll down window to match the operation of the notification window and will be positioned on the left side of the screen.