

Hyperview:

1. Many improvements and additions have been made to the watch window.
 - a. Autoscaling - the watch window will automatically scale the plot to fit the minimum and maximum values of the point/group.
 - b. Checkbox added to the block list - if checked, the line associated to the block is shown; otherwise it is hidden
 - c. Clock icon added at both block and group level shows the current live data gathering status.
 - i. Green - Actively collecting data and is not stale
 - ii. Red - Stale data
 - iii. White - Data collection is paused.The state of the clock icon at group level can be one color or a combination of colors to reflect the state of all the points in the given group.
 - d. Export data for points to a .CSV file. You can also choose to check the "Excel" checkbox to have the .CSV file opened up in Excel automatically after the export has been completed.
 - e. Timestamps can now be deleted from the plot. Click the [x] on the time label to delete it.
 - f. You can copy a block from one group to another. Choose "Copy Block to Group" from the context menu that appears on a right click.
 - g. View each block in its own separate plot in the watch window. You can toggle between a split or overlapped view of multiple plot plines.
 - h. A legend appears in the lower right-hand corner of the watch window listing the block icons (show, pause, autoscale) and what they do.
2. Stale data is now displayed correctly on ladder diagrams on rung function codes. A red background rectangle is now drawn behind the point to indicate that it has gone stale while it shows the last known state in the box.
3. Tooltips now appear on the block map to help explain the different types of blocks that appear.
4. Fixed Y-coordinate display on graphics and CADs.
5. The "Print Full Sheet" option now latches correctly so that the state is retained between runs.
6. The following changes have been made to the shortcut keys:
 - a. The "S" key now works the same as the "C" key for turning on/off specs.
 - b. The keyboard shortcut for next and previous search hit has been removed.
 - c. The "Z" key now works as zoom toggle.
 - d. The "+" and "=" keys zoom in while the "-" and "_" keys zoom out on the current document.
7. General performance improvements and fixed memory leaks.

CIUMon:

1. You can now limit the usage of CIUMon to get live data by username (previously limited by IP Address only). Enter in the usernames the CIUMon options and specify whether or not the user is allowed to fetch live data. If a user not allowed live data gathering then he will see the USER_BLOCKED message in Hyperview or CIULink.
2. New usage statistics are now being collected in CIUMon. CIUMon will track the username and IP Address of all requestors and the first time that they tried connecting to CIUMon. You can see how many users have been monitoring with the current instance of CIUMon and who is currently active.
3. CIUMon can be run in "Relay Mode" where it relays requests between two other instances of CIUMon. This mode is used in situations where TCP/IP traffic is prohibited across more than one LAN.
4. Incoming requests are now dequeued based on the weight of the user so that no one user can monopolize all of the bandwidth. CIUMon will cycle through all of users and dequeue the requests allocated to a particular user before moving on to the next. This allows for the usage to be spread out among all requestors.

5. CIUMon has been converted to Unicode to be compatible with foreign language platforms.
6. INICT13A support has been added.
7. The newest version CIUMon now runs at high priority. If you wish to change the priority level of CIUMon then you can access the "Set CIUMon Priority..." option from the "Options" menu.
8. A new feature has been added for those users who have TRAX simulation software. You can now configure CIUMon to talk to the TRAX software to get emulated data for your system.
9. You can now specify the interval at which CIUMon checks for a valid connection with the CIU. This option can be found on the "Configuration" page of the CIUMon options. If you wish to turn the automatic connection check off simply enter in an interval of zero.

CIULink:

1. The sequence of data logging dialogs have been revamped for ease of use. You will now be able to specify the type of logging (past, present or both), the name of the file to log to and what type of data to log from one location.
2. Live loop entries are no longer allowed after the demo setting has been added.
3. Some scrolling and display problems have been fixed.

Hyperlink:

1. Positioning of vertical text on Conductor NT and PPB graphics has been fixed.
2. The reference index now has links to off-module references.
3. Hyperlink now generates a zero-length wire where input/output are overlaid to make a connection on WinCAD sheets.
4. A group is now being made for all batch files so that files will be searchable.
5. More data being read from the MHD file is now being displayed on the CAD sheet.
6. Function code 229 support has been added.
7. Spare inputs are now marked when the PCU, Module and Block are all equal to zero.
8. Support for Displaynames.txt which was previously broken has been fixed.
9. Hyperlink now generates an error message for inappropriate tagatoms that are found for Conductor NT or PPB.
10. Additional coordinate information has been added to our live wire message to aid in troubleshooting.
11. DADIG has been added to the alarm tag function code list.
12. Flat function discrepancies (function code 1) have been fixed.
13. Non-exception report tags used on graphics are now reported.
14. Two new lists are now generated by hyperlink: TREND_ARCHIVE.TXT and TREND_UNUSED.TXT. Trend tags that are not used on any graphic but have the TRUSAGE field set to ARCHIVE are listed in the first list. Trend tags not used on any graphic and have the TRUSAGE field not set to ARCHIVE are listed in the second file; hyperlink generates a warning message as well for this condition.
15. An error message is no longer generated for Function code 179 when S15 is set to zero.
16. General hyperlink performance improvements should result in decreased runtime.

release_notes10_2.txt

Decomposer:

1. Links on CAD sheets by document name have been corrected for Composer projects.
2. Function code 247 I2 spec handling has been corrected.
3. Function code is now mentioned in error messages.

DataFiles:

1. Errfilter.cfg updated for new and existing error messages (trend errors, TSTALM block handling, QOR with 0 inputs).
2. Tagatoms.txt has been updated with new entries.
3. Corrections made to output.txt.

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