

[Ver: 2.37][07/21/'10]

1. Compatible with Future Design Controls DAQ software (IO Modules)
2. Validated operation with Windows 7 operating system (see v2.33 for complete list of operating systems).

[Ver: 2.36][4/21/'09]

1. Add Auto-Page into Real-time Viewer.
2. [Fixed]: Some pen will be indexed incorrectly after page20 in realtime viewer.
3. [Fixed]: Import failed after page20 in historical viewer.
4. [Fixed]: Some page will cause error while displaying trend in historical viewer.
5. [Fixed]: Trend graph will be shown incorrectly when X or Y-axis of screen resolution is more than 1280.
6. Add project name into the printed paper report for Historical Viewer.
7. Add Czech language.
8. [Fixed] DO Configuration interface missing

[Ver: 2.35][6/18/'08]

1. [Fixed]: Time of report data shows incorrectly during summertime.
2. [Fixed]: Address range should be from 1~247 in Instrument.
3. [New]: Add a suggestion to modify message for clock synchronization.
4. [Fixed]: If RS232 is checked, the text box on the right side cannot be empty in the bank window of Configuration.

[Ver: 2.34][1/7/'08]

1. [Fixed]: the default engineering Hi and Lo of DO tags should be 65535 and 0.
2. [Added]: Add Portuguese language.
3. [Fixed]: Auto-import function of historical viewer should be disabled when bank type is RS232.
4. [Modified]: Change the default path for historical/realtime viewer to export data in excel from 'C:\' to desktop.
5. [Fixed]: If the horizontal resolution of the screen is more than 1024, trend graph will be effected by preview of print out.

[Ver: 2.33] [11/14/'07]

- 1.) Validate that v2.33 is compatible with Windows Vista operation system; also compatible with Windows 98, Windows ME, Windows NT, Windows 2000 and Windows XP.

[Ver: 2.32][03/01/'07]

1. [Added]: VR06 recorder released with firmware v2.32.
- Observer I & II v2.32 works with VR06 and VR18 V2.32 and earlier VR18 firmware versions.

[Ver: 2.31][09/26/06]

1. [Fixed]: Tag names overlap the rectangle line in All-digital window.
2. [Added]: Add Thai language.
3. [Added]: Add auto-acknowledge alarm.

[Ver: 2.30][07/04/06]

1. [Added]: In Real-time Config, every event has 2 job settings.
2. [Added]: FDA Signature will be shown on the printed paper.
3. [Added]: Add new login and account functions to comply with CFR-21.
4. [Added]: Add Timeout option to Configuration interface.
5. [Added]: The time out of RS232 is now variable.
6. [Fixed]: the retry function for data import activated abnormally for manual mode.
7. [Fixed]: Real-time viewer will occurs error when the screen resolution larger than 1024x768.
8. [Added]: Real-time viewer - add AO status function.
9. [Fixed]: Configuration shows a warning message incorrectly when doing range rule check for math channel.
10. [Fixed]: Historical viewer cannot show totalizer name correctly in report window.
11. [Fixed]: In historical viewer - separate the date time string into different cell when exporting into excel file.
12. [Added]: Add Event Comment function into Real-time viewer.
13. [Fixed]: Login on Configuration will cause user error on Historical viewer.
14. [Fixed]: Historical viewer will go wrong when merge two Event lists with the same time stamp.

[Ver: 2.22][3/3/06]

1. [fixed]: Real-time job of alarm2 cannot be set.
2. [fixed]: When Configuration fails to receive data, the content of some boxes will become blank.
3. [fixed]: The items of Page menu of Real-time Viewer will increase abnormally after changing language.
4. [fixed]: The confirming message of Page-Auto-Config function includes unknown code.
5. [Added]: User can change sample rate to satisfy the need of internet connection.
6. [fixed]: Real-time viewer will occur error when digital window is hided and you change into a new page containing less than 6 pens.
7. [fixed]: Real-time viewer will go wrong if Tag name include characters like ./,+,-,\* and so on.
8. [Modified]: Change the naming rule of Tag name for DDE link expression.
9. [Modified]: Change limit the maximum decimal point of totalizer to 2.

[Ver: 2.21][3/3/06]

1. Just revise to match the version of recorder.

[Ver: 2.2][1/12/06]

1. Add AO function.
2. Add AI Max/Min/Ave value into Log Report.
3. [fixed]: RTV delay 1ms every second.
4. [Added]: The new version of Help file for recorder is updated.
5. [fixed]: Real-time viewer cannot work normally when math channels are not arranged successively.
6. [fixed]: The file Comm\_Server.exe of package Communicator is not revised correctly.
7. [fixed]: In Real-time viewer ,the menu option 'Configuration data' should be disabled when open an shared project.
8. [fixed]: When both Communicator and Observer software are installed in one PC, uninstall either one will effect the other one.

[Ver: 2.10][7/25/'05]

1. Allow user to work on the same FDA project repeatedly.
2. The amount of pages can be modified by users.
3. Real-time viewer can show VR18 channel names.
4. Real-time viewer add function of monitoring DI, DO ,Counter, Totalizer.
5. Real-time viewer can use the same log speed and method as the recorder.
6. [fixed]: RTHist should update all the tags before exporting data.

[Ver: 2.06][8/23/'05]

1. [fixed]: RTV-PO cannot read SV/PV correctly from BTC-9100,C91 series controllers.

[Ver: 2.04][6/2/'05]

1. [fixed]: VRCfg has no plus function when updated from non-plus version to plus version.

[Ver: 2.03][4/1/'05]

1. Revision because of fixing bug of DataStore.

[Ver: 2.0][2/3/'05]

1. Add FDA standard.
2. Add Log Report.
3. Add auto-import.
4. Add all-digital display.

[Ver: 1.42][3/24/'05]

1. [fixed]: Default button function error when select 9300 parameter.

[Ver: 1.41][1/25/05]

1. [fixed]: Clear time shows incorrect content.

[Ver: 1.40][12/13/04]

1. Realtime viewer can connect and display up to 1024 pens.
2. Add option of 'Selected' and 'All' to parameter operation.

[Ver: 1.30][12/9/04]

1. Add Hi/Lo range scale for each pen.
2. Scale number will be limited to 1 in vertical direction.
3. Shorten the height of scales in vertical mode of Historical viewer but not in print mode.
4. Limit the OS to 800x600 with small fonts or Higher than 800x600 with any fonts.
5. Interface should not response to users when it is importing data.
6. Event list will scroll down when new item is added.
7. Refine zoom by time and value.
8. Limit the communication function of Recorder Config while Hist is dumping data.
9. Historical viewer always shows password form when begin.
10. Enlarge the number of Tag and Node to 1024.
11. Enlarge the visible Hi/Lo ranges of historical data.
12. Add controls 9100, 9300 to auto-config function.
13. Change 'Math', 'ScaleLo' and 'ScaleHi' to 'Math Expression', 'RangeLo' and 'RangeHi'.
14. This version is compatible with VR18 of Ver :1.3 in configuration format.
15. Add time synchronization.
16. Unify the interface of AI Linear RangeHi/Lo of VRCfg into edit box.
17. Add Gain and Offset.
18. Add speed option to data export of Historical viewer.
19. Appended Totalizer SP to the end of the modbus table.
20. Change the decimal point of IO Range data to 1 for Comm and interface.

[Ver: 1.04][2/9/04]

1. [fixed]: Setup->Destination path appears unexpected file path on win2k(CHT)
2. [fixed]: Program will go wrong when system is in large font.
3. [fixed]: Text in scale box cannot be shown entirely when large fonts.

[Ver: 1.03][2/6/04]

1. Modify the terms on the data export interface of Historical viewer.

[Ver: 1.01][1/20/04]

1. The limitation of tag number is under 256.
2. [fixed]: List separator cannot support ",".

[Ver: 0.99][1/16/04]

1. This version can cover both new and old machine.
2. Add RS232 Communication function.
3. VRCfg:

TCP:

Old:File transfer

New:Modbus\_TCP

RS232:

Old:None

New:Modbus\_RTU

4. Config file is renamed from "VR18.cfg" to "Recorder.cfg".
5. Real-time viewer can automatically update the tag status of recorder.
6. Change the naming rule of the new added tag.
7. Add 'disable' item into the bank protocol selections.
8. Rename 'Modbus\_RTU' to 'Modbus\_RS232'.

[Ver: 0.98][12/26/03]

1. Cancel the rotate method of event list.
2. Event list can seek trend data always.
3. All programs of this version support decimal symbol of both '.' and ','.
4. Real-time viewer can only show the real-time value, the historical data must be shown in Historical viewer.
5. [fixed]: Event time can't match the corresponding trend data.
6. [fixed]: RTV receives error values after running for a long time.

[Ver: 0.97]

1. Add Math input interface.
2. VRCfg renamed as Configuration.

[Ver :0.96]

1. Move "Disable" item from LogSpeed Box into Method Box.
2. New Recorder Config interface.
3. New Real-time Config interface.
4. New IO Version.
5. Add Basic and Plus.
6. Add Modbus\_RTU and Modbus\_TCP.

[Ver: 0.95]

1. New hierochy:
  - Channel:AI,DI,Math,
  - Tools:Timer,Counter,Totalizer,
  - Rearrange Job item list.
2. Config Viewer
  - Display:add Status Bar,
  - Tools:
    - Counter:add Preset,
    - Totalizer:add Preset and Decimal.
3. Job: Add one item name 'Log Report'.
4. New Comm style: Historical normally disconnected.
5. New Data Store.
6. New Job items.
7. New Timer Type options.
8. [fixed]: AI channel scale hi/Lo ComboBox cannot apply new setting.

[Ver :0.93]

1. Add Tools: DI, Timer, Counter, Totalizer
2. Remove Tag Type of DI, Counter, Totalizer

[Ver:0. 92]

1. Pen Type list box remove the inactive channel Number.
2. Interface terms change from:
  - a.'Pen' to 'Channel'

b.'Page' to 'Display'

[Ver: 0.91]

1. Event number is limited within 256.
2. Allows users to change the pen method/decimal/log speed on an running project.
3. [fixed]: VRCfg occurs error when receive vr18.cfg from CF Card on win98.