

# Data Acquisition Studio Revision Information

## Release notes June-2009 v1.00 to November-2016 v2.30

(Note that the Historical Viewer is a separate application with its own revision history)

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### NOTES:

1. Data Acquisition Studio will compress to WIN ZIP format.
2. Please check user's computer setup 'Microsoft .NET Framework' version 3.0 or later, before use IO studio.

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2016/11/07

Data Acquisition Studio release Version 2.30

1. Update Function: Update Russian and Korean language.
2. Add new Function: add two items one hour and two hour for log speed and display speed.
3. Add new Function: add the speed of display 1 and 2 hour/dot.
4. Add new Function: add the speed of log speed 1 and 2 hour/dot.
5. Add new Function: add the speed of auto output 1 and 2 hour/dot.

2016/09/19

Data Acquisition Studio release Version 2.21

1. Update Function: First time execute Historical viewer by DAQ will show some message.

2016/09/09

Data Acquisition Studio release Version 2.30 B1

1. Update Function: Update Russian and Korean language.

2016/08/26

Data Acquisition Studio release Version 2.20

1. Modify Function: The configure of PR compatible with all PR version.

2016/08/12

Data Acquisition Studio release version 2.10 B26.

1. Update Function: Update the configure of PR for single loop controller.
2. Add new Function: add single loop controller tag for DAQ Studio.
3. Add new Function: add holding time of Event/Alarm.

2016/05/12

Data Acquisition Studio release version 2.06.

1. Update Function: Update the configure of PR.
2. Modify Function: normal user can execute Data Acquisition Studio.

2016/4/20

Data Acquisition Studio release version 2.05.

1. Update Function: Update the configure of PR.

2015/10/22

Data Acquisition Studio release version 2.04.

1. Add new Function: add new modbus float type for PR recorder.
2. Bug fixed: When change the display of configure for PR will not change.
3. Bug fixed: When happen event/alarm one time at all digital mode, and will not happen next time.

2015/6/25

Data Acquisition Studio release version 2.03.

1. Add new Function: add new AO configure of PR recorder.

2015/6/1

Data Acquisition Studio release version 2.02.

1. Add new Function: add new option restore window to maximum when an alarm occurs for DAQ studio.
2. Add new Function: add new multi-language Greek.
3. Bug fixed: when third PR recorder power off and then DAQ will get data.

2015/1/16

Data Acquisition Studio release version 2.01.

1. Modify Function: modify the totalizer source add tool's count.
2. Update Function: update Historical Viewer V4.01.

2014/12/12

Data Acquisition Studio release version 2.00.

1. Modify Function: modify the check message of Key pro.
2. Update Function: update the C21/C91 version 30 of controller.
3. Update Function: update the P41/P91 version 29 of controller.
4. Add new Function: add the user login of the e-mail for DAQ.
5. Add new Function: add the interval of device for DAQ Studio.
6. Add new Function: add new language "Brazil Portuguese" to Data Acquisition Studio.
7. Add new Function: add user manage mode for DAQ Studio.
8. Add new Function: add new log report (instant) for DAQ Studio.
9. Add new Function: add unit for log report for DAQ Studio.
10. Add new device of Real-Time Viewer for PR Recorder serial.
11. Add new device of Historical Viewer for PR Recorder serial.
12. Add new Configure of Historical Viewer for PR Recorder serial.
13. Add new Function: add new function batch mode in Historical Viewer.
14. Modify Function: modify the period conform of the security of HMI.
15. Modify HMI configure for PR mode.

2013/6/10

Data Acquisition Studio release version 1.44.

1. Bug fixed: The source of tools event will set error in DAQ.
2. Add new Function: add the log of event for DAQ.
3. Add new Function: add the display of the event output of DAQ.
4. Add new Function: add print Historical Data for DAQ.
5. Add new Function: add print Event List for DAQ.
6. Add new Function: add print Report List for DAQ.
7. Add new Function: add print Snapshot for DAQ.
8. Add new Function: add output Historical Data for DAQ.
9. Modify Function: modify set the bank of DAQ will restart program to restart project.
10. Modify Function: if use the historical viewer of DAQ will lock DAQ.
11. Modify Function: modify the event list of job of DAQ.

2013/1/5

Data Acquisition Studio and Historical Viewer release version 1.43.

1. Update Function: Update the keypro for Windows 8.
2. Update French of multi-language for the configure, the historical and DAQ.
3. Update the BC\_Set for Windows 8 of v1.70.

4. Modify Function: Modify the path of measure data for DAQ.
5. Modify Function: Modify the show message of check keypro error.
6. Modify Function: Modify the printer setup of Historical viewer.
7. Modify Function: Modify the default project name of DAQ, VR configure and Historical Viewer.
8. Bug fixed: The DAQ studio write the parameter to the controller will out of range.
9. Bug fixed: The DAQ studio connect the controller serial fail in Spanish.
10. Bug fixed: Historical Viewer get error data start time.
11. Add new Function: Dev+ and Dev- of event type for DAQ.
12. Add new Function: replace the old project of DAQ.
13. Add new Function: reboot PC for setup wizard.
14. Add new Function: the export \*.csv file can select show empty value or not.
15. Add new Function: save the export to excel user select configure.
16. Add new Function: zoom rate 50 mSec/dot in Historical Viewer.
17. Add new Function: add overwrite project of DAQ.

2012/8/16

Data Acquisition Studio and Historical Viewer release version 1.42.

1. Update BC-Set v1.70.
2. Modify Function: Set the default language for RealTime Viewer, Historical Viewer, and Configure Viewer by setup wizard.
3. Add new Function: Add new event for DAQ logout.
4. Add new Function: Add the select the shortcut of user manual for Customization.

2012/3/13

Data Acquisition Studio and Historical Viewer release version 1.41.

1. Add new Function: Add the import path of SD card for HMI in Historical Viewer.
2. Add new Function: Add the password select for DAQ.
3. Add new Function: Add the check status of AI of I/O card.
4. Add new Function: Add new function to reset of the Counter for I/O Card.
5. Modify Function: Modify the import path of flash and TCP/IP for HMI in Historical Viewer.
6. Modify Function: The limit size of import in Historical Viewer.
7. Modify Function: Remove set the UAC of the setup.
8. Modify Function: Add the application compact flags in the setup and the setup wizard.
9. Modify Function: The default scale of the display of AI analog use the scale of the channel.
10. Bug fixed: The clock of trend by search by period during summer time.
11. Update IO-Studio v2.5.

NOTE: The version 1.41 of the Historical viewer only support version 1.20 or later of the HMI.

2012/1/1

Data Acquisition Studio and Historical Viewer release version 1.40.

1. Bug fixed: Auto export fail for DAQ.
2. Add new Function: Add Date/Time format for DAQ studio.
3. Add new Function: Add linear interval for DAQ studio.
4. Add new Function: Add Net Log for Historical in HMI.
5. Add new Function: Add Net Dump for Historical in HMI.
6. Add new Function: Add new Event/Alarm list
7. Modify Function: The historical will delete old file for import function.
8. Add new Function: Add the shout down function for security mode in the historical of HMI.
9. Add new Function: Recorder the historical export info.
10. Modify Function: The difference new project content for Historical Viewer in DAQ, HMI and Recorder.

2011/10/14

Data Acquisition Studio release version 1.34.

1. Modify Function: The display no data log configure of HMI Configure.
2. Modify Function: Hide the count and the totalizer in non plus Recorder.
3. Modify Function: The display value of digital alarm in Historical Viewer.
4. Modify Function: The difference new project content for Historical Viewer in DAQ and HMI.

2011/8/8

Data Acquisition Studio release version 1.33.

1. Bug fixed: If the value of Engineering low is zero will lose decimal.
  2. Bug fixed: Export to excel format error for unit.
  3. Bug fixed: The setup create shortcut fail in Hebrew of Windows 7.
  4. Bug fixed: "Abnormal termination" during Historical auto import.
  5. Modify Function: Add the size of arrow in Bar.
  6. Modify Function: Modify the background color of the Tag name.
  7. Add new Function: Add the marquee in All Digital.
  8. Add new Function: Add new file export attribute of Excel.
  9. Add new Function: Add the order list of the All Digital mode.
  10. Add new Function: Add the Modbus RTU package (Virtual gateway) format in TCP/IP communication protocol.
  11. Add new Function: Add new TimeOut select.
  12. Add new Function: Add the Inverse data type for Linear.
  13. Add new Function: Add the IEEE-754 package format in TCP/IP communication protocol.
  14. Add new Function: Add the OUT2 new item D.H.HO, D.L.HO, P.H.HO, P.L.HO of the controller 100 series. (v3.0 or later)
- NOTE: The version 1.33 of Data Acquisition Studio only support version 3.0 or later of the controller of C21, 4100, 7100, 8100, 9100, B41.

2011/3/22

Data Acquisition Studio release version 1.32.

1. Add new Function: Add the blink for Digital mode.
2. Bug fixed: Sometime event link will lose data for storage Media.
3. Modify Function: Modify the path of SD card for HMI.

2011/3/4

Data Acquisition Studio release version 1.31.

1. Add new Function: Add the font size of display.
2. Add new Function: Add the scale of trend for Real-Time.

2011/1/17

Data Acquisition Studio release version 1.30.

1. Add new device of Real-Time Viewer for Controller.
2. Add new device of Real-Time Viewer for NC200.
3. Add new Function: User can select display tag by themselves for Controller.
4. Add new Function: Add new option that user can select ten quick write parameter for Controller, NC200 and Profiling.
5. Add new Function: Add save as project function.
6. Bug fixed: The data store by change some time will lose data.
7. Bug fixed: Setup wizard cannot create program shortcut in Vista Professional of Hebrew language.
8. Add new Function: Add new file export attribute of database.
9. Modify Function: Modify the auto update function will keep Tag name and Tag Unit for IO card.
10. Add new Function: Add the quick edit of Tag name in RealTime Configure List.
11. Add new Function: Add the clear time of communication error event.
12. Add new Function: Increase the relation of Log Trigger and Display page.
13. Add new Function: Add new option item "The display of AI serial for IO modules".
14. Add new Function: Add new option item "Auto start project".
15. Modify Function: Modify the project of DAQ sub project name.

NOTE: The version 1.30 of Data Acquisition Studio only support version 4.7 or later of the controller of 2500,4300,8300,9300.

The version 1.30 of Data Acquisition Studio only support version 1.2 or later of the controller of L41.

The version 1.30 of Data Acquisition Studio only support version 2.0 or later of the controller of L91.

The version 1.30 of Data Acquisition Studio only support version 0.5 or later of the controller of DL200.

The version 1.30 of Data Acquisition Studio only support version 2.0 or later of the controller of P91, P41.

The version 1.30 of Data Acquisition Studio only support version 2.8 or later of the controller of C21,4100,7100,8100,9100,B41.

2010/11/16

Data Acquisition Studio release version 1.21.

2010/11/1

Data Acquisition Studio release version 1.21 B2.

1. Add new Function: Add automatic raw data export for database (\*.csv format).
2. Add new Function: Add raw data export for database (\*.csv format).
3. Add new Function: Add automatic export for excel.
4. Modify Function: Modify the setup of dot net for windows AMDx64.
5. Modify Function: Modify the Customization software again.

2010/8/25

Data Acquisition Studio release version 1.21 B1.

1. Add new Function: Add simple login password.
2. Modify Function: Modify the data time of print of trend view.
3. Modify Function: Set the super password of FDA mode.
4. Bug fixed: Setup wizard cannot create program shortcut in Vista Home Basic of Dutch language.
5. Add new device of Historical Viewer for HMI.
6. Add HMI Configure Viewer for Historical Viewer.
7. Modify Function: Modify the shortcut of desktop.
8. Modify Function: Modify the setup software.
9. Modify Function: Modify the communication of TCP/IP for CommServer.
10. Modify Function: Modify the start time of the trend for Real-Time Viewer.
11. Modify Function: Update German of Configure, Historical and Real-Time.
12. Modify Function: DAQ software include Real-Time Viewer and Historical Viewer.
13. Modify Function: Modify the Customization software.

NOTE: The Data Acquisition Studio can support HMI at version 1.21 or later.

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2010/8/11

Data Acquisition Studio release version 1.20 (This is V1.20 B6).

1. Add new device of Real-Time Viewer for Linear.
2. Modify Function: Modify Real-Time Viewer the max number of tag to 2048.
3. Modify Function: Modify Real-Time Viewer the max number of node to 2048.
4. Modify Function: Modify Real-Time Viewer the max number of timer to 100.
5. Modify Function: Modify user interface of setup wizard.
6. Modify Function: Modify user interface of setup.
7. Modify Function: Modify the display of the state of Real-Time Viewer.
8. Modify Function: if use the delete of configure and then page list will not change.
9. Add new Function: Event list can set latest Event/Alarm position for Real-Time and Historical.
10. Modify Function: Modify configure create new node mode for network.
11. Add new Function: Add communication error set.
12. Add new Function: Check Dot Net Version.
13. Modify Function: Modify the display of event list of Real-Time (only display alarm list).

2010/1/12

Data Acquisition Studio release version 1.10.

1. Add new device of Real-Time Viewer for VR18.
2. Add VR18 Configure Viewer.
3. Add new device of Historical Viewer for VR18.
4. Add setup wizard.
5. Modify Function: Modify user interface of the configure of Real-Time Viewer.
6. Bug fixed: Sometime Historical Viewer loading data and then read multi-language error.
7. Modify Function: Modify print default size form A4 to Letter.
8. Modify Function: Optimization virtual memory size of communication.
9. Add Function: Add modify module number function for customization software.
10. Add Function: Add log report of internet counters.
11. Add PL2303 convert of Prolific.
12. Add GT-511 device of NXN.

NOTE: The version 1.10 of Data Acquisition Studio only support version 2.37 or later of the recorder of VR18.

2009/7/27

Data Acquisition Studio release version 1.01.

1. Bug fixed: Use RO card sometime communication will be effect in Microsoft Windows Vista Ultimate.
2. Bug fixed: Change setup path to driver G.
3. Bug fixed: Set AO card difference rate between scale Hi and scale Lo.
4. Add Customization software.

2009/7/13

Data Acquisition Studio release version 1.00.

2009/6/5

Data Acquisition Studio release version B.