

Welcome to MOXGRAF V5

V5.22.00

What's New?

1. New Supported I/Os

1.1 606 I/Os as below,

MX606-0108-413

MX606-0208-413

MX606-0308-413

MX606-0408-413

MX606-0116-413

MX606-0216-413

1.2 Mixed I/O as below,

MX603-0701-xxx

The mixed I/O modules provide multiple I/O options on a single module and it is possible to select a maximum of three I/O types for a mixed I/O Module. Four I/O types are available to select and the last three digits of the module's part number (xxx) state the selected I/O types and the detailed description can be found in 0742-603-2301-001 MOX 603 Rack Base IO User Guide.

Known Issues

1. The project which was created by V5.20.19 or V5.20.25 can't be opened by this version directly due to CP and I/O parameters format change. An example will be given to help you to open it step by step, which is similar to the instructions in "How to Upgrade MOXGRAF V4 to V5.pdf". You may have the tech note as reference.
 - 1.1 Run \MOXGRAF 5.2\Bin\DPM.exe and open PrjLibrary.mdb file that is located in a certain controller program data directory (like OC_xxx, Unity_xxx or IoNix_xxx) of old project folder.
 - 1.2 Delete all the I/O devices under this controller in the 'I/O Wiring' window. After completed, save the project and quit the DPM program.
 - 1.3 Start MOXGRAF V5.21.01 program, create a new project. Then add a controller and all I/O devices under it, according to the old project.
 - 1.4 Save the new project and close the MOXGRAF V5.21.01 program.
 - 1.5 Copy all the files in the controller program data directory of old project which were processed in 2.2, to that of new project, and overwrite all files with the same name.
 - 1.6 Run MOXGRAF V5.21.01 program, and open the new project. The IP address and redundancy information are required to update manually.
 - 1.7 Re-bind channel and module status variables in the 'I/O Variables' page. The module status variables must be redefined, and be different in name with the old project.
 - 1.8 If more controllers are involved in the project update, just redo the relative steps as above.
 - 1.9 Save the new project to complete the update work.

V5.21.01

What's New?

1 New Supported User Interfaces

- 1.1 Add IEC60870-5-101 master and IEC60870-5-103 master configuration user interfaces on IEC 60870 tab
- 1.2 Add configuration user interface for UDP over serial port on Port tab
- 1.3 Add a modem type, IoNix WCDMA, on PPP tab for IoNix 606-3002-01/02
- 1.4 Add EIP Mater tab to download EIP Master configuration file for EIP Master Gateway
- 2 New Supported Function Blocks
 - 2.1 GBT21446_2008
 - 2.2 GBT17747_2_2011
 - 2.3 GBT11062-1998
- 3 New Supported PNs
 - 3.1 Add CP Gateway MX603-3015 as a root device
 - 3.2 Support new PN D for 602 Built-in 4 Ch DO Relay
 - 3.3 Support new PN 602-3212-14

V5.20.46

What's New?

- 1. Fixed bugs
 - 1.1 When change class of DNP3 slave binding variables and try to save the changes, the program will crash.
 - 1.2 If the 'DNP3 Slave Setting' dialog not opened first, and when open the original project and change the type of Modbus slave IO, the bound variables may be unbound.

V5.20.45

What's New?

- 1. Implements
 - 1.1 Change the maximum value can be added from 127 to 256 for the Modbus slave I/O.

V5.20.44

What's New?

- 1. Fixed bugs
 - 1.1 DNP slave binding variable lost. When unbind the channel variables or change the start address of Modbus slave IO, the referred DNP binding variables may be lost.
 - 1.2 Rebuilding is needed when debug. If there are CPP IOs in the project, when the project is opened again, rebuilding is needed when debug.
 - 1.3 The error message 'IP address mismatch' may pop up when download OC project though the displayed IPs are same.
 - 1.4 The error message 'The Communication port and redundant port should be configured with different network address' may pop up though there is only the communication port displayed on UI.

V5.20.43

What's New?

1. New
 - 1.1 Add importing variables function.
2. Improvements
 - 2.1 Add baud rate 1200 on port tab of Unity, Gateway and IoNix.
3. Fixed bugs
 - 3.1 When upgrade the template for OC, the online help information of MOX defined function blocks will disappear.
 - 3.2 The Controllers cannot be accessed via HTTP while the HTTP function is configured
 - 3.3 When unbind the channel variable and bind the unbound variable for the same channel again, the variable type may change.

V5.20.42

What's New?

1. Fix bug
 - 1.1 The types of some variables may be different with that in dictionary when bind Modbus address for the variables in "v4 to v5" project.
 - 1.2 The type, group and scope of the variables may be invalid when they are copied from a "v4 to v5" project to a v5 project.

V5.20.39

What's New?

1. Fix bug
 - 1.1 When online download project of IoNix, the progress bar is showing not finished though the project download is finished.
 - 1.2 The configuration download is disabled of built-in CP of IoNix though it is necessary sometime.
 - 1.3 The programs which are added in MOXGRAF v4 project can't be sorted by dragging after upgraded to MOXGRAF v5 project.

V5.20.38

What's New?

1. Fix bug
 - 1.1 Definition of Local variable, input parameter and output parameter of Function Block, can't be defined using "Function Block" type successfully.

V5.20.35

What's New?

1. New MOX 606 IO modules
606-0116-273, 606-0132-233, 606-0212-113, 606-0312-133, 606-0408-123
2. New function blocks, Ammeter645_2007 and Reboot, are added for Unity, Gateway and

IoNix

3. New configuration tab, Watchdog, is added for Unity and IoNix
4. When change Controller PN, the resource will be remained
5. Support Dictionary variables sorting

V5.20.32

What's New?

1. Update Sentinel Protection Installer 7.6.3.exe to Sentinel Protection Installer 7.6.5.exe.

V5.20.31

What's New?

1. New function blocks, SMS and PPP_CTRL, are added for Unity, Gateway and IoNix. And GPRS configuration tab is renamed to PPP.
2. New device drivers supported,
PROFIBUS
ControlNet
EtherNet/IP
Modbus
3. New functions are added that,
POU order can be changed by dragging.
SFC/FC programs can be moved to upper/lower level.
4. Variable scope
Variables with same name in different scopes will be allowed.
5. The "Variable" structure in Resource tree view is upgraded.
6. "Parameter" structure in general page, for 603 CP modules and 603 I/O modules, is upgraded.
7. New MOX 603 I/O module, 603-0312-143.

V5.20.25

What's New?

1. New Built-in I/O modules of Unity, 4Ch CNT and Hart
2. New function, upgrade resource template if necessary when loading project.
3. Fix a bug, exchange PNs of Built-in I/O modules of Unity, 8Ch DI 24V and 8Ch DO Relay.

V5.20.19

What's New?

1. MoxIDE merged into MOXGRAF V5

Previously MoxIDE and MoxGRAF V4 are used to configure MOX systems such as MOX Open controller, MOX Unity, MOX Gateway, MOX IoNix and MOX 603 I/O. MoxIDE is now merged into MoxGRAF V5, Only MoxGRAF V5 is required for configuring MOX systems. MoxIDE is obsolete.

2. New data types

LREAL, LINT, ULINT, LWORD, USINT, BYTE, INT, UINT, WORD, UDINT, DWORD and DATE

3. New MOX 603 I/O modules

603-0112-143, 603-5108-173, 603-5112-143, 603-5116-273, 603-5132-133, 603-5232-123,
603-5312-113, 603-5312-123, 603-5312-133, 603-5408-123, 603-5512-823, 603-5612-923