PRODUCT UPDATE BULLETIN

PUB-BAS-002 Aug 27, 2020

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OPENBAS SYSTEM DESIGN STUDIO

Mircom is releasing upgraded Configurator software.
The new version number follows –

CONFIGURATOR SOFTWARE	COMPATIBLE FIRMWARE	VERSION
System Design Studio	All OpenBAS NX controllers, OpenBAS-HV-LEARN and OpenBAS-NWK-ETH3	1.1.0

OPENBAS FIRMWARE

Mircom is releasing upgraded firmware.
The new version number follows –

FIRMWARE	VERSION
All OpenBAS NX controllers, OpenBAS-HV-LEARN and OpenBAS-NWK-ETH3	3.06.9

*Note: Please read this **entire document** before upgrading systems to ensure all compatibility issues are addressed and to ensure correct upgrade procedures are followed.*

New Features

- Accomplish more with project support which organizes and groups controllers together the same way they are wired together
    - Backup project directly to an OpenBAS-NWK-ETH3 with USB flash memory or backup to your PC
- Quickly identify offline controllers with new status indicating icons within the side panel
- Expand and simplify your projects with two OPENBAS-NWK-ETH3 communication ports now configurable directly within the System Design Studio
    - OpenBAS-NWK-ETH3 configuration support requires firmware 3.06.9 or later

Enhancements

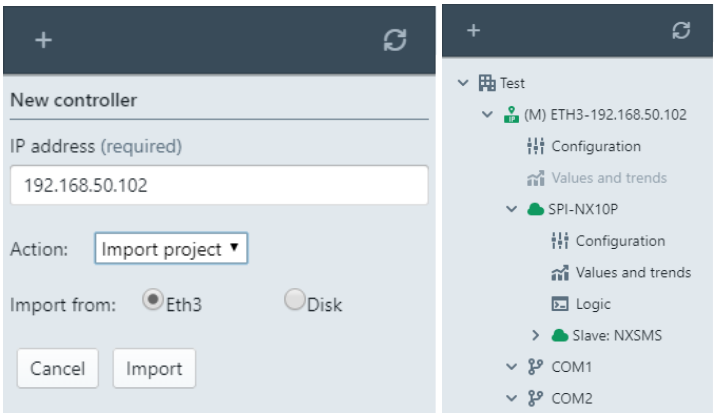
- Enjoy less confusion with new default point names for always-in-use Result bits
- Rapidly test and debug scripts with Compile only option and improved compiler logging

Project Support

Project support refers to the organization and grouping of controllers together in the side panel the same way they are physically wired together. When using the existing "+" New controller button, there is a new *Action* dropdown menu item that allows you to select between Connect, Import project, and Create project.

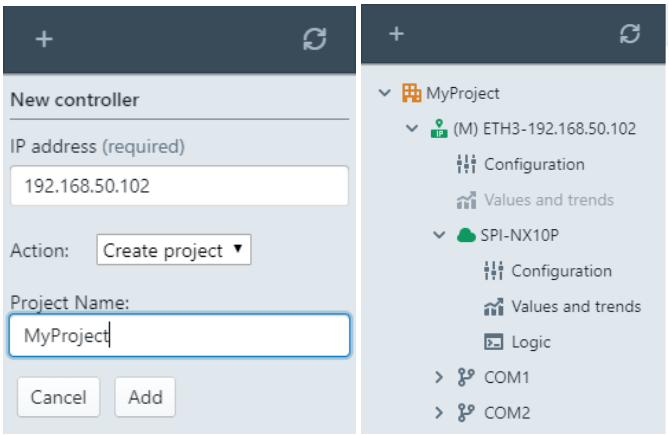
Import project

The Import project selection will allow you to import an existing project from either an *Eth3* (OpenBAS-NWK-ETH3 with USB flash memory installed) or from *Disk* (a file on your PC).



Create project

The Create project selection allows you to create a new project item in the side panel. Enter an IP address along with a Project name and the System Design Studio will automatically connect to the OpenBAS-NWK-ETH3 with that IP address as well as an attached SPI-NX controller (if connected).

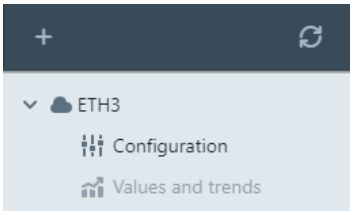


OpenBAS-NWK-ETH3 Configuration Support

The OpenBAS-NWK-ETH3 Ethernet gateway controller and it's two RS-485 communication ports can now be configured directly within the System Design Studio. A direct connection to an OpenBAS-NWK-ETH3 is automatically made when importing or creating a project. Alternatively when a quick change is needed to be made, a "one-off" connection can be made.

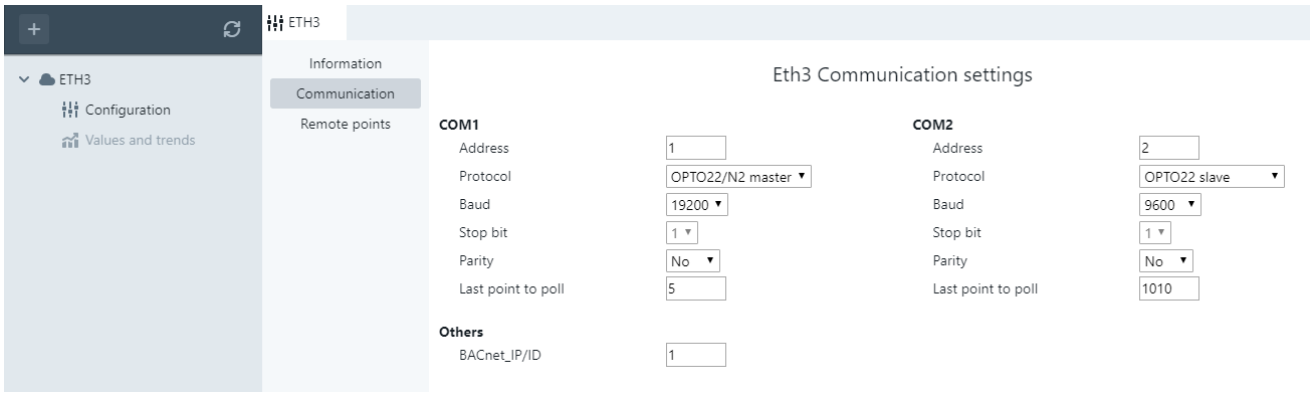
"One-off" OpenBAS-NWK-ETH3 connections

1. From the "+" New controller menu, type in your OpenBAS-NWK-ETH3's IP address
2. Select Connect from the *Action* dropdown menu item
3. Select *Eth3* and then click Add.



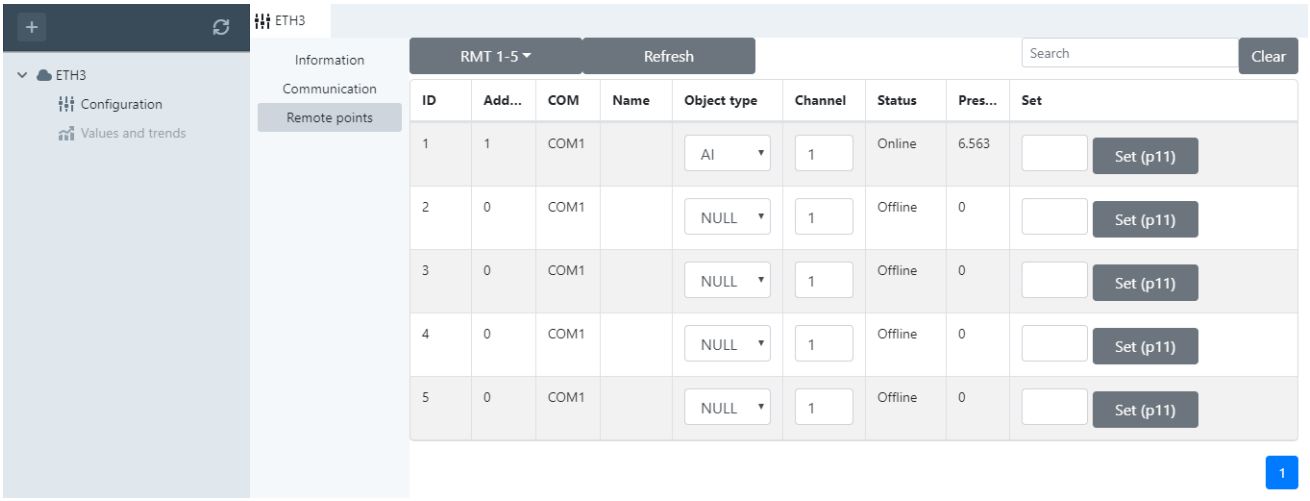
Configuring COM1 and COM2 on the OpenBAS-NWK-ETH3

After connecting to an OpenBAS-NWK-ETH3 you will find the Configuration main tab which has three sub-tabs including Information, Communication, and Remote points. Click on the Communication sub-tab to configure the settings for each COM port. As of this release, each COM port supports Optomux/N2-Open, and Modbus protocols (both master and slave) in addition to some others.



Configuring Remote points on the OpenBAS-NWK-ETH3

- After connecting to an OpenBAS-NWK-ETH3 and setting at least one COM port's protocol as a master type protocol (Optomux master or Modbus master), go to *Configuration->Remote points*.
- Use the main drop down to select whether the table shows COM1 remote points or COM2 remote points
- Only enabled Remote points will be shown (determined by the Last point to poll setting within Configuration->Communication)
- Enter an address, and select an Object type and Channel to configure each remote point



Compatibility Chart

Below table shows the System Design Studio compatibility with OpenBAS hardware.

SYSTEM DESIGN STUDIO	SUPPORTED CONTROLLERS	FIRMWARE VERSION
1.1.0	All "NX" controllers (OpenBAS-xx-NXxxxx), OpenBAS-HV-LEARN	3.04.0+
	OpenBAS-NWK-ETH3	3.06.0+
1.0.2	All "NX" controllers (OpenBAS-xx-NXxxxx), OpenBAS-HV-LEARN	3.04.0+
1.0.1	All "NX" controllers (OpenBAS-xx-NXxxxx), OpenBAS-HV-LEARN	3.04.0+
1.0.0	All "NX" controllers (OpenBAS-xx-NXxxxx), OpenBAS-HV-LEARN	3.0.0+

Did You Know?

You can download OpenBAS software:
https://mircom.com/technical-support/documents-firmware-software-downloads/openbas-downloads/

We have FAQ's (Frequently Asked Questions) to troubleshoot our products:
https://mircom.com/technical-support/mircom-frequently-asked-questions/

We Want Your Feedback

We are always looking for your feedback on our Products and Solutions.

- Suggestions, Ideas, Needs, Problems
- Project Wins & Losses
- Case Studies & Installation Photos
- Sales & Marketing Tools
- Anything else that help our business grow together

If you have any questions or comments, please contact us directly at: pm@mircomgroup.com