

Overview

Focus is the configuration tool for Innotech® Omni BEMS Controllers. Focus allows you to internally configure an Omni BEMS Controller by using a simple point-and-click approach on a computer with a supported Windows® operating system.

Features

- A comprehensive block selection providing full flexibility for almost any application
- Focus enables you to **Design** your project, **Monitor** your blocks & devices and **Review** your logged data
- Communications interfaces for Innotech controllers, Innotech Smart Sensors (ISS), BACnet and Modbus devices
- All Omni device configurations exist in the one project file
- Security for Projects and individual devices, the perfect Intellectual Property protection for OEM's
- Load Omni Feature Licences directly from your Focus Project
- Supports Omni U10 Remote Expansion Modules (REMs)
- Add Text to define areas within the configuration
- Focus uses labels to simplify programming and to reduce line intersections
- Focus provides a graphical printout of your configuration in colour or monochrome
- Automatically create a printable Omni BEMS Controller & REM wiring diagram from your configuration
- Completely configurable Inputs and Outputs allowing custom configurations
- Supports Omni connections via the Innotech Communications Server (iComm), via Innotech TCP, RS-485 or the BACnet Protocol
- Focus transfers configurations, Omni Feature Licences and Omni Device settings
- Includes a set of Factory Default Templates for programmable Input/Output points, or create your own to save and share with others
- Powerful configuration design tools such as Device Duplication, Find and Replace, Undo and Redo, Cut/Copy/Paste and adjustable Zoom levels
- Comprehensive web-based help files

Applications

- Internal configuration of the Innotech Omni BEMS Controller
- Built in Simulator to test your configurations

System Requirements

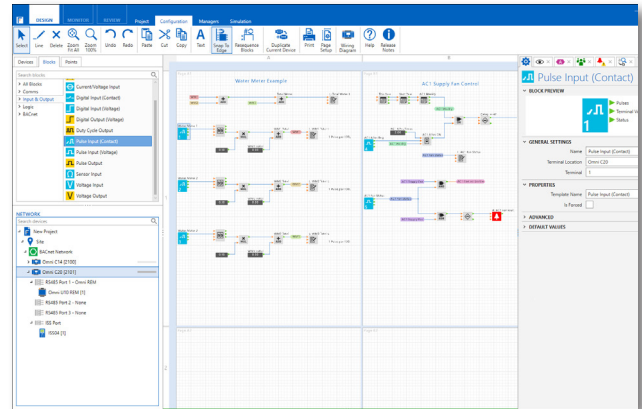
Supported Operating Systems:

- Windows®10 Professional 64-bit & 32-bit
- Windows® Server 2019
- Windows® Server 2016

Minimum System Requirements:

- 2.4GHz minimum CPU clock speed
- 4GB of RAM
- 100MB Hard disk space required
- 1024 x 768 display (1920 x 1080 display recommended)
- Keyboard
- Mouse or compatible pointing device with scroll wheel
- OpenGL 3.3 and/or DirectX® 11 compatible graphics hardware supporting Shader Model 5.0
- Microsoft .NET™ Framework v4.6.2 or later (4.5GB HDD Space)

i Focus software requires registration after installation, excluding Focus Open.
Focus Open files can only be opened with Focus Open.



Focus Software Licences

There are multiple versions of Focus to suit the project and a client's level of training. Contact your local Innotech representative or visit the Innotech website at www.innotech.com to register your interest and specific need for a Focus Licence. Refer to the following table indicating the various Focus Licence capabilities.

Focus Licences - Features

Focus Licences	Open	Lite	Lite Plus	Professional	Review
Configuration Utility	✓	✓ ¹	✓	✓	✗
Innotech Programming	✓	✓ ¹	✓	✓	✗
BACnet Programming	✓	✗	✗	✓	✗
Modbus Programming	✓	✗	✗	✓	✗
Configuration Transfer	✗	✓	✓	✓	✗
Log Extraction	✗	✓	✓	✓	✓
Log Visualisation	✗	✗	✓	✓	✓
Data sharing - RS-485	✗	✓ ²	✓ ²	✓	✗
Data sharing - TCP/IP	✗	✓ ²	✓ ²	✓	✗

i¹ A Focus Lite Licence cannot alter the programming logic of a Focus Professional configuration, if there are features used that are unsupported by Focus Lite. However Focus Lite can still transfer, receive and save any Focus configuration, regardless of the content.

i² Data sharing with Focus Lite is achieved over these mediums using Innotech Global Comms Input/Output Blocks.

i Windows 10 builds are supported for approximately 18 months after release. It is recommended that you should upgrade your operating system if using an unsupported build.

Simple Yet Powerful!

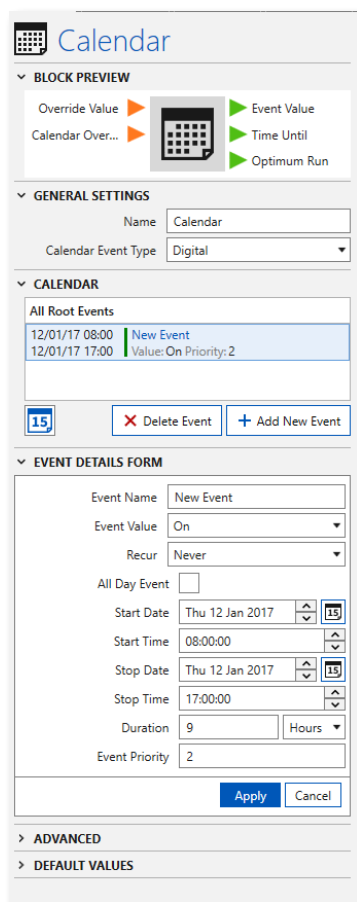
Focus uses block programming to configure an Omni BEMS Controller. The configuration specifies what the inputs and outputs control on the connected Omni device.

Within minutes, you can construct a fully-featured Native BACnet control program and transfer it to your controller. Focus is also capable of retrieving a configuration from any Omni BEMS Controller exactly as it was written, inclusive of any real-time updates made to the program.

Focus contains a wide variety of control functions, ranging from the simple digital logic functions of AND, OR and NOT to more complex blocks such as PID Loop, Psychrometric and Optimum Start, with BACnet and Modbus Integration. Focus has over 65 blocks available which can be combined in countless ways to produce configurations tailored precisely to your needs.

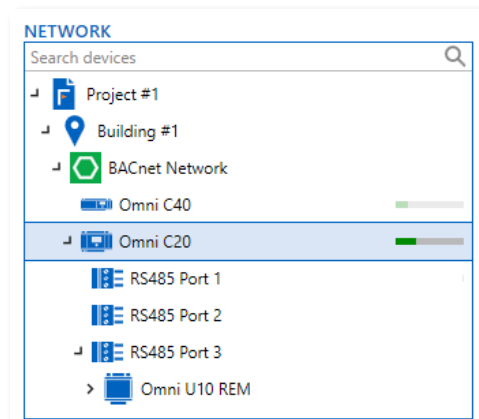
Easily Configure Your Blocks

With CAD-like functionality, Focus provides intuitive navigation of the entire network, configuration and properties of the Device and Block Properties.



A Complete Project

Focus is a configuration utility for an entire network of Omni BEMS controllers listed in a simple tree view.



Take Command of Your Controller

With Focus you can configure your controller from the friendly user interface. You can then send your settings and configuration to the controller at the same time.

