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Features such as ease of use, through built-in discovery, and web enablement of legacy/proprietary systems makes this driver a perfect fit to bring your system into the 21st Century.

Using this driver, and opening up your BAS network to other new control systems which are readily available, is a huge money saver Product.

NW8K Asd FE-Asd BACnet Gateway

Product overview

The Network 8000 Asd driver, from MaxLine, is the available driver on the market for BACnet IP server that allows users to integrate Barber Colman systems.

Built on the Web server (HTML5)

MIG-112 has a web toolset software environment that solves the challenges associated with building Internet-enabled products, device-to-enterprise applications and distributed Internet-enabled automation systems. MIG-112 takes the concept of normalizing the data and behavior of diverse devices, regardless of manufacturer or communication protocol, to enable the implementation of seamless, Internet-connected, web-based systems to the next level.

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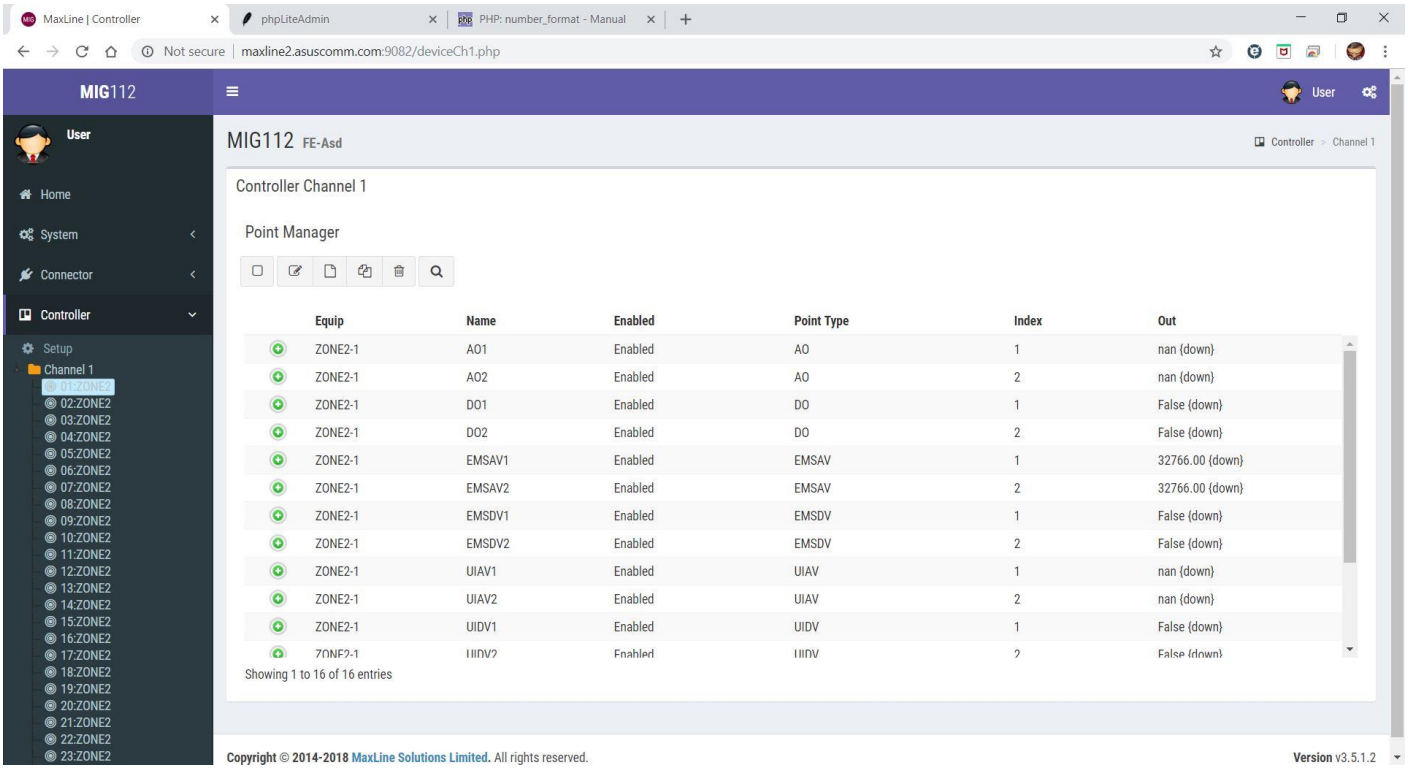
Opening up Protocols

Protocols such as BACnet® allow customers to have a level of flexibility to choosing controllers from different manufacturers. But to be truly open and you need to be able to select among devices supporting any protocol. Using the capabilities of MIG-112, along with MaxLine's toolsets and drivers, give you the ability to truly select best of breed solutions for your needs. Many times a customer needs to integrate a legacy control system into the BACnet framework. These legacy systems often do not support the newer protocols such as BACnet. This requires developers to write a driver to communicate with each system.

Ease of use – Built-in Network discovery

As with all state-of-the-art driver development on the MIG-112 controller goes, MaxLine's drivers have ease of use features such as built-in Network Discovery, along with device and object discovery once connected. This ease of use feature saves a tremendous amount of engineering hours on jobs where time is of the essence.



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Hardware Specification

- ARM 9 S3C2416 400MHz Main Processor.
- 64 Mb RAM.
- 128 Mb NAND Flash.
- Micro SD card reader.
- 1x 10/100 Ethernet Port.
- 1x RS232 DB9.
- 2x RS485.
- RTC.
- 24 AC/DC Power.

Mechanical	Dimensions	5.2 in × 4.7 in × 1.7 in (131mm × 119mm × 44mm)
	Material	Plastic
	Weight	350g
Electrical	Power Supply	24V AC +/- 5% or 24V DC +20%/-15%
	Consumption	500mA at 24VAC/VDC
	Operating Temp	32 to 150 Deg-F (0 to 65 Deg-C)
	Storage Temp	-4 to 150 Deg-F (-20 to 65 Deg-C)
	Operating Humidity	10% to 95% relative humidity non-condensing

Network Specification

Physical Interface 1 & 2 (Port 1 & 2)	EIA-485 (BUS A, B) Two-wire, Half Duplex
Physical Interface 3 (Port 3)	EIA/TIA-232, 9 pin D-shell connector
Ethernet Support	TCP/IP

Support Protocol

Support Interface		
Protocol	BACnet IP Server	via Ethernet TCP/IP connection

Barber-Colman/Asd Driver			
Supported Devices	ZONE2	Via RS485 Connection	
	MFLO2		
	LIM		
	PEM		
	MN2K		
	MNFLO		
	MNHPFC		
Supported Data Type	All types of points	Read	Write
		X	X
Device Limitations per Channel	128		
Total RS485 Channel	1x		

BACnet IP Server			
		COV	Maximum Serve Point
Supported Point Type	AI - Analog Input	X	4000
	AO - Analog Output		
	BI - Binary Input	X	
	BO - Binary Output		
	MSI - Multistate Input	X	
	MSO - Multistate Output		

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Sample Network System Architecture