

VP Process Inc.  
Sept. 2020

WL-MIO      Web Design

Main Landing Page:      [wlmio.com](http://wlmio.com) and [wlmio.ca](http://wlmio.ca) are currently re-directed to widgetlords.com

Main Landing Page:

- Title
- Picture of WLMIO complete with DIN Rail
- Description
- Block Diagram
- Scalability Description
- Scale Block Diagram
- Software Description (UAVCAN and LIBMIO Widgetlords library)
- Links to Various Modules
- Model 6000 Backplane
- Model 6010 Power Supply 9 to 32 VDC Input, 5 VDC @ 4 Amp Output
- Model 6020 Raspberry Pi Interface c/w RS485 and HART Interface
- Model 6030 Relay Output Module 4 Channel
- Model 6040 Analog Input Module SDAFE 4 Channel
- Model 6050 Analog Output 4-20 mA (Source or Sink) Module 4 Channel
- Model 6060 Digital Input / Pulse Counter / Frequency Input Module 4 Channel
- Model 6070 Voltage Output (0 to 10 VDC) Module 4 Channel
- Model 6080 Thermistor Input (Typical 10K 3380 Beta) Module 8 Channel

Each module and component will have a dedicated page:

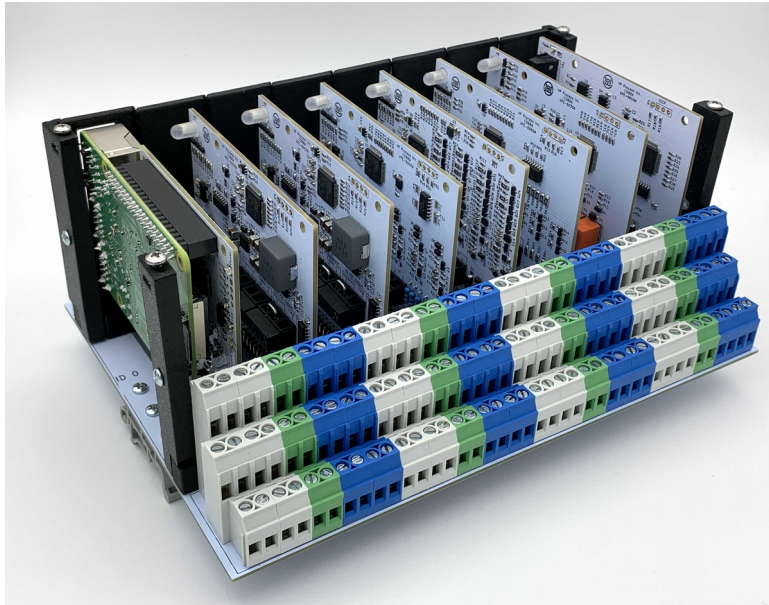
- Title
- Module Picture
- Description
- Block Diagram
- Field Wiring (Backplane) Diagram
- Specifications

Basic Specifications for each module:

- Power Input (Backplane Side and Field Input Side)
- No. of channels
- Input / Output Type
- Ratings
- Temperature / Environmental
- Physical Dimensions
- Certifications

## WL-MIO

Industrial Automation Simplified

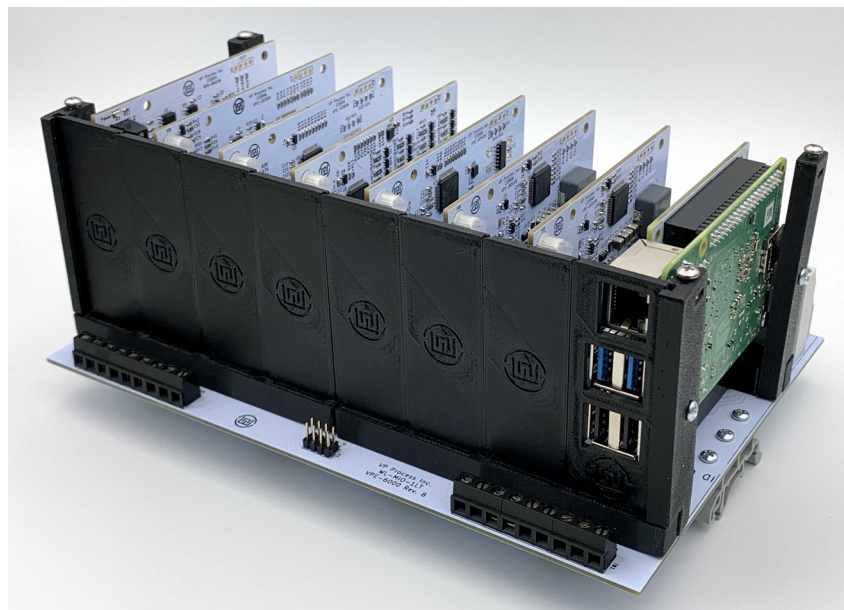


High Density Multi Input / Output Platform

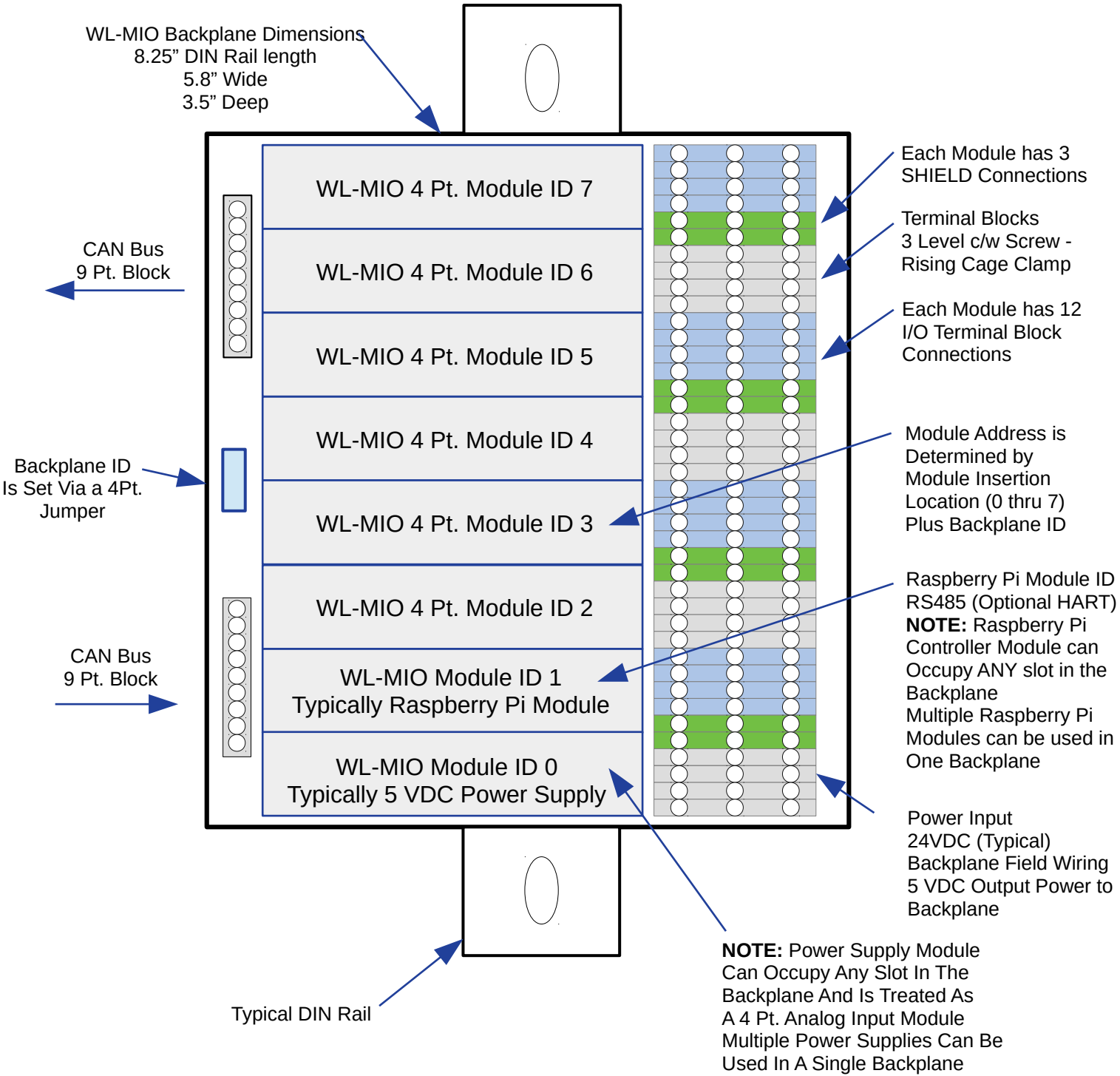
“Land The Wires One Last Time”

DIN Rail Backplane for 8 WL-MIO I/O Modules

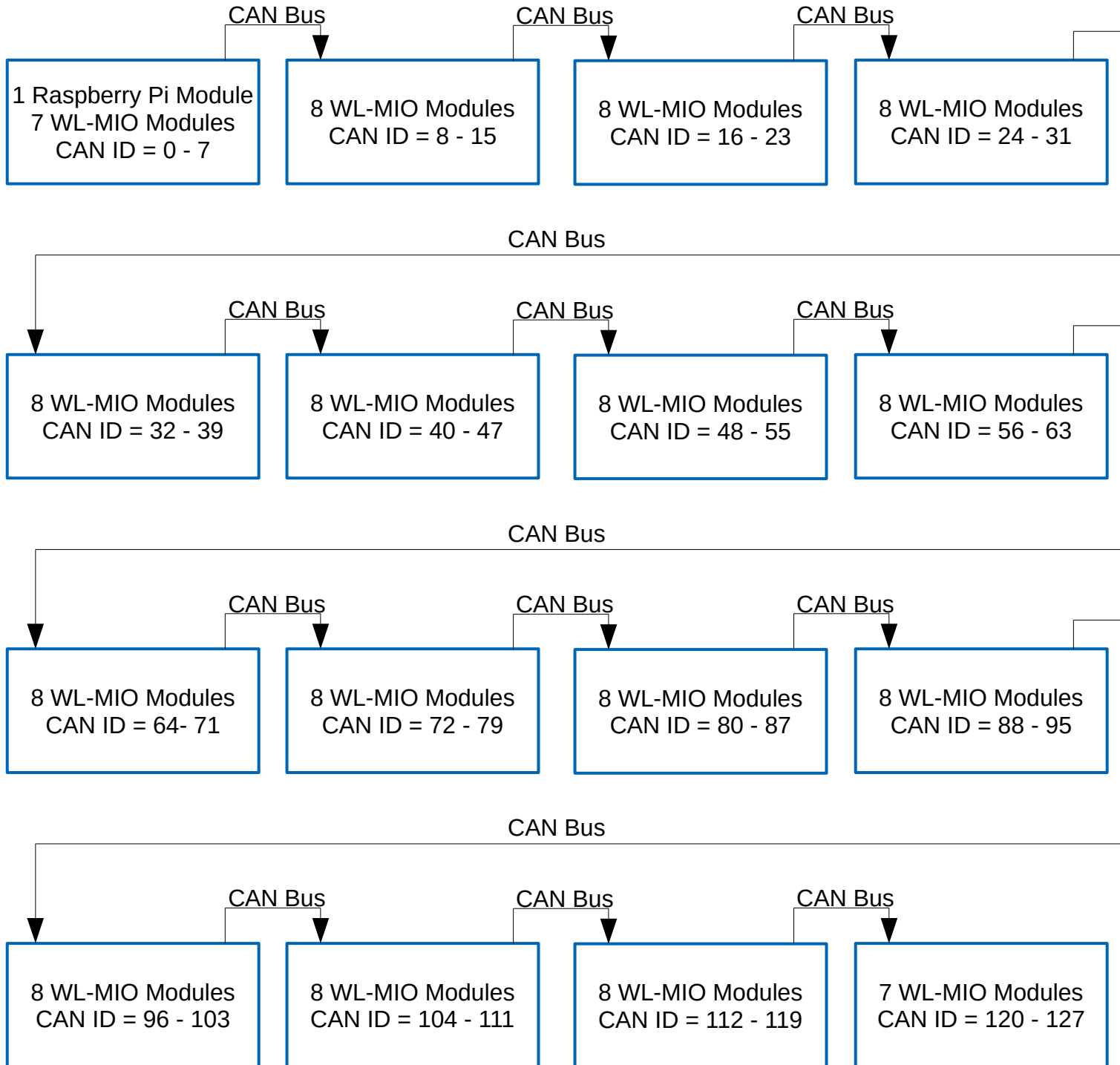
16 Platforms per System = up to 508 I/O Points per Raspberry Pi



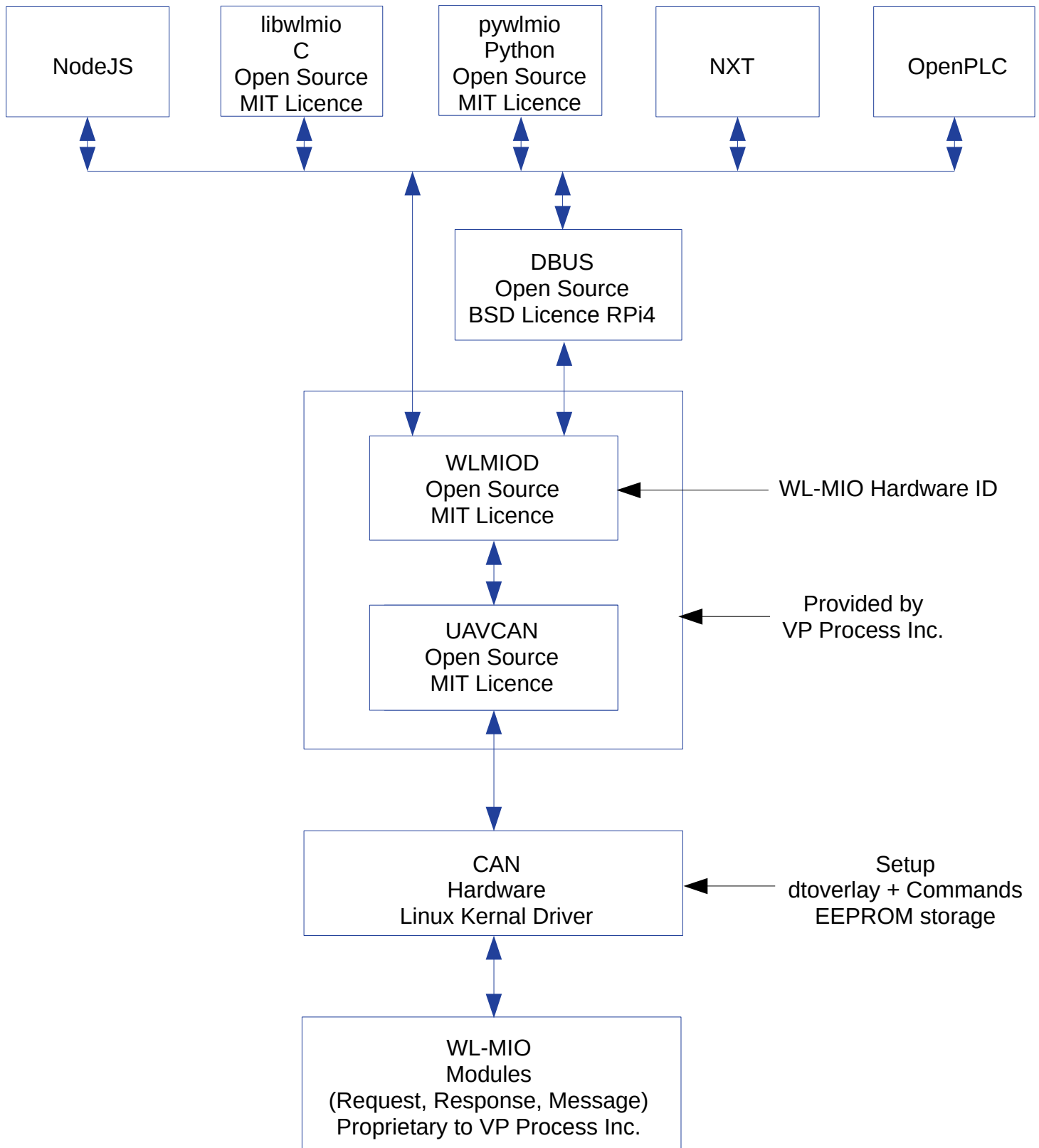
# WL-MIO Backplane Block Diagram



## Scale 16 WL-MIO Backplanes



## Software Overview



## Links to WL-MIO Modules

Model 6000 Backplane

Model 6010 Power Supply 9 to 32 VDC Input, 5 VDC @ 4 Amp Output

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Model 6000 Backplane

