

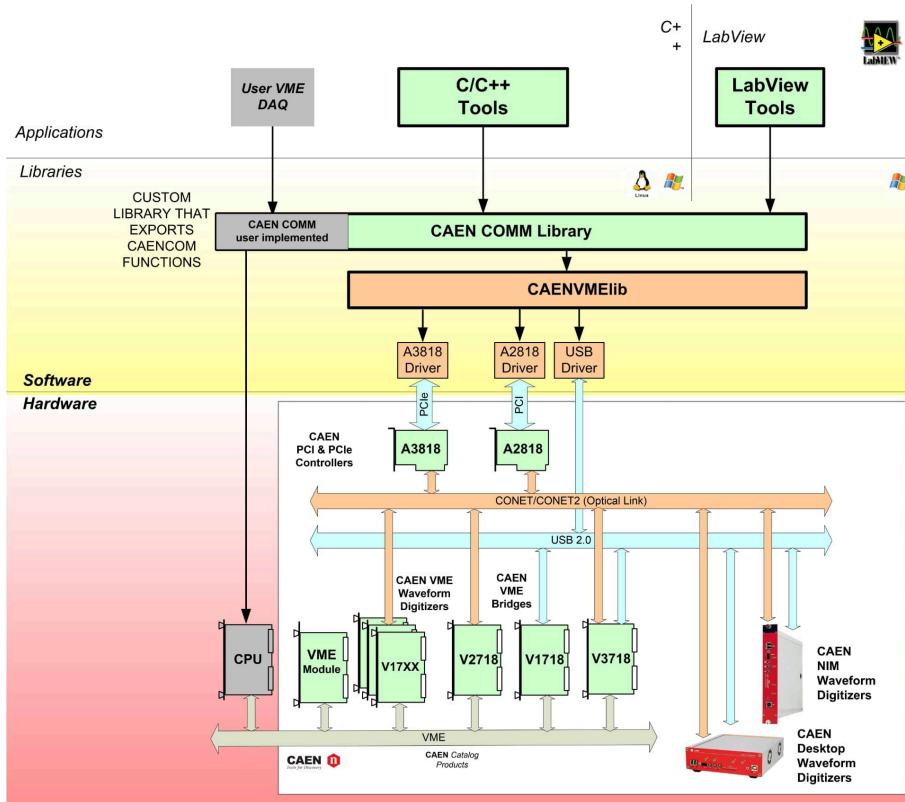
## **CAENVMELib Library**

**Interface library for  
CAEN VME Bridges**

**CAEN**

**VMELib**

# Features



- Set of functions for the control and the use of CAEN VME Bridges
- Available for C/C++ environment (Windows, Linux) and LabVIEW environment (Windows)
- Python binding available at [pypi.org/project/caen-libs](https://pypi.org/project/caen-libs) (Open Source project and examples available at [github.com/caenspa/py-caen-libs](https://github.com/caenspa/py-caen-libs))
- Supported models:
  - VME Bridge: **V1718 / VX1718, V2718 / VX2718, V3718 / VX3718, V4718 / VX4718**
  - PCI/PCIe Controllers: **A2818 / A3818, A5818**
  - USB Controllers: **A4818**

## Description

**CAENVMELib** is a set of ANSI C functions available for the user to program and configure CAEN Bridges and Controllers:

- Mod. **V1718** / **VX1718** - VME-USB2.0 Bridge
- Mod. **V2718** / **VX2718** - VME-PCI Optical Link Bridge
- Mod. **V3718** / **VX3718** - VME to USB 2.0/Optical Link Bridge
- Mod. **V4718** / **VX4718** - VME to USB 3.0/Ethernet/Optical Link Bridge
- Mod. **A2818** / **A3818** - PCI/PCIe CONET Controllers
- Mod. **A4818** - USB 3.0 to CONET Adapter
- Mod. **A5818** - PCI Express Gen 3 CONET2 Controller

**NEW**

**CAENVMELib** is available in the following formats:

- Windows 32-64 bit DLL
- Linux dynamic library

CAENVMELib is the first level library for the connection to the CAEN hardware.

**Supported Operating Systems** Windows (32-64 bit), Linux (32-64 bit)

**Language** C, LabVIEW

**Supported Products** CAEN Bridges

**Supported Comm. Interface** USB, Optical Link, Ethernet, VME

**Additional Software Required** NI LabVIEW Development System\*

\*Only for LabVIEW package

## Related Products

### VX4718



VME to USB 3.0/Ethernet/Optical Link Bridge

### VX3718



VME64 to USB 2.0/Optical Link Bridge

### A4818



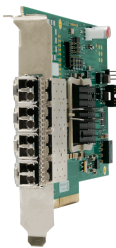
USB 3.0 to CONET2 Adapter

### V4718



VME to USB 3.0/Ethernet/Optical Link Bridge

### A5818



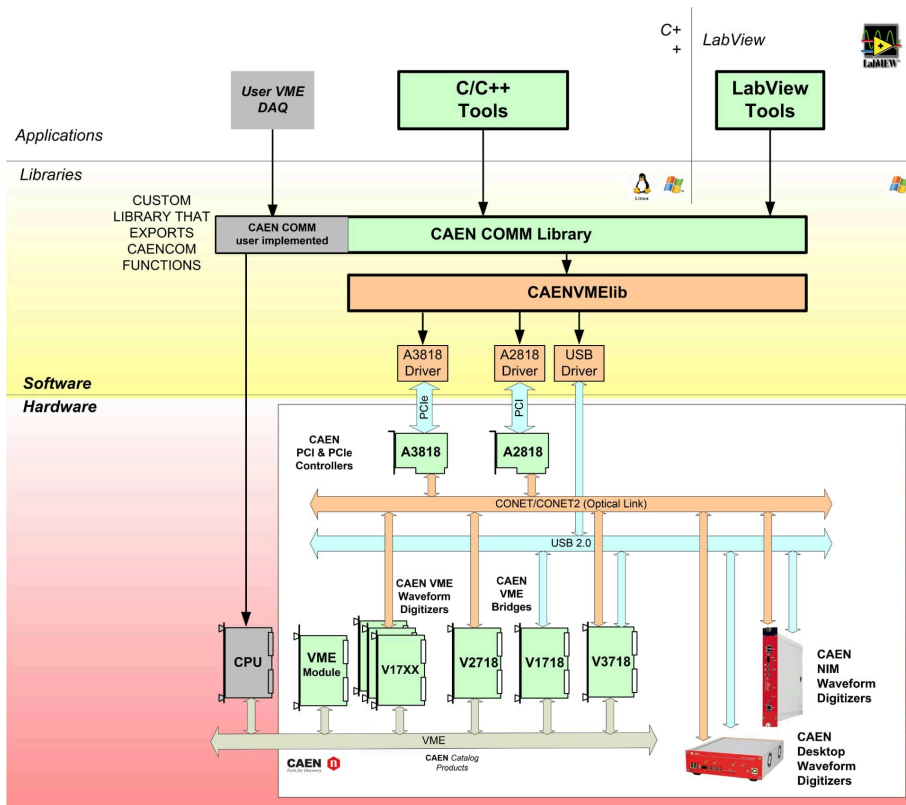
CONET2 Controller based on PCI Express Gen 3 interface

**V3718**



VME to USB 2.0 / Optical Link Bridge

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