

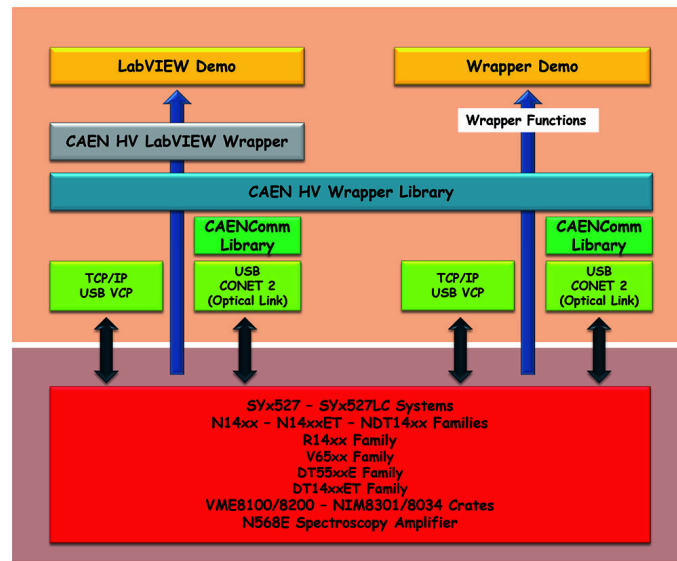
CAEN HV Wrapper Library

**Library for CAEN
Power Supply
Control**

CAEN

HV Wrapper

Features



The HV Wrapper Library in the CAEN software and libraries conceptual scheme

- Software library for all CAEN CAEN Power Supply Products
- Available for C/C++ environment (Windows, Linux) and LabView environment (Windows)
- Python binding available at pypi.org/project/caen-libs (Open Source project and examples available at github.com/caenspa/py-caen-libs)
- Supports all Power Supplies Communication interfaces

Description

The **CAEN HV Wrapper** is a set of ANSI C functions bundled in a library, providing the software developer a unified software interface for the control of all the CAEN Power Supply products. This is a low level application in which the writing of the Control SW is assigned to the user. CAEN HV Wrapper is logically located between a higher level application like GECO2020 or OPC Server and the lower layer software libraries. It contains a generic software interface independent by the Power Supply models and by the communication path used to exchange data with them.

Supported Operating Systems	Win (32-64 bit), Linux (32-64 bit)
Language	C, Labview also available (Windows only)
Supported Products	Universal Multichannel Systems, NIM/NDT/VME/Rack/Desktop Power Supplies, VME8100/8200 crates, NIM8301/8304 crates, N568E , N1068
Supported Comm. Interface	Ethernet, USB, Optical Link
VME	Access via CONET link or USB using CAEN bridges (require additional CAENCOMM library)

Related Products

N1471H



4 Ch Reversible 5.5 kV/20 μ A NIM HV Power Supply High Accuracy Module (USB)

DT5519E



4 Channel 500 V/3 mA Desktop HV Power Supply Module (USB/Ethernet)

SY4527



Universal Multichannel Power Supply System / 19" wide, 8U-high (16 slot)

N1471



4 Ch Reversible 5.5 kV/300 μ A NIM HV Power Supply Module (USB)

NDT1470



4 Ch Reversible 8 kV/3 mA (8 W) NIM/Desktop HV Power Supply Module (USB/Ethernet/T.screen)

VME8100



8U 21 Slot VME64/64X Enhanced Crate Series

N568E



16 Channel Programmable Spectroscopy Amplifier (Low Noise)

N1419



4 Ch Reversible 500 V/200 μ A NIM HV Power Supply Module (USB)

N1470



4 Ch Reversible 8 kV/3 mA (8 W) NIM HV Power Supply Module (USB)

NDT1471H



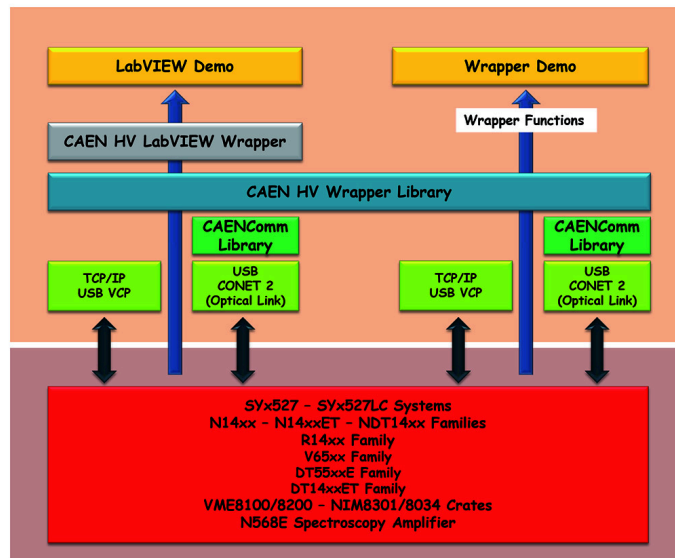
4 Ch Reversible 5.5 kV/20 μ A NIM/Desktop HV Power Supply High Accuracy Module (USB/Ethernet/T.screen)

NDT1471



4 Ch Reversible 5.5 kV/300 μ A NIM/Desktop HV Power Supply Module
(USB/Ethernet/T.screen)

Gallery



The HV Wrapper Library in the CAEN software and libraries conceptual scheme

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