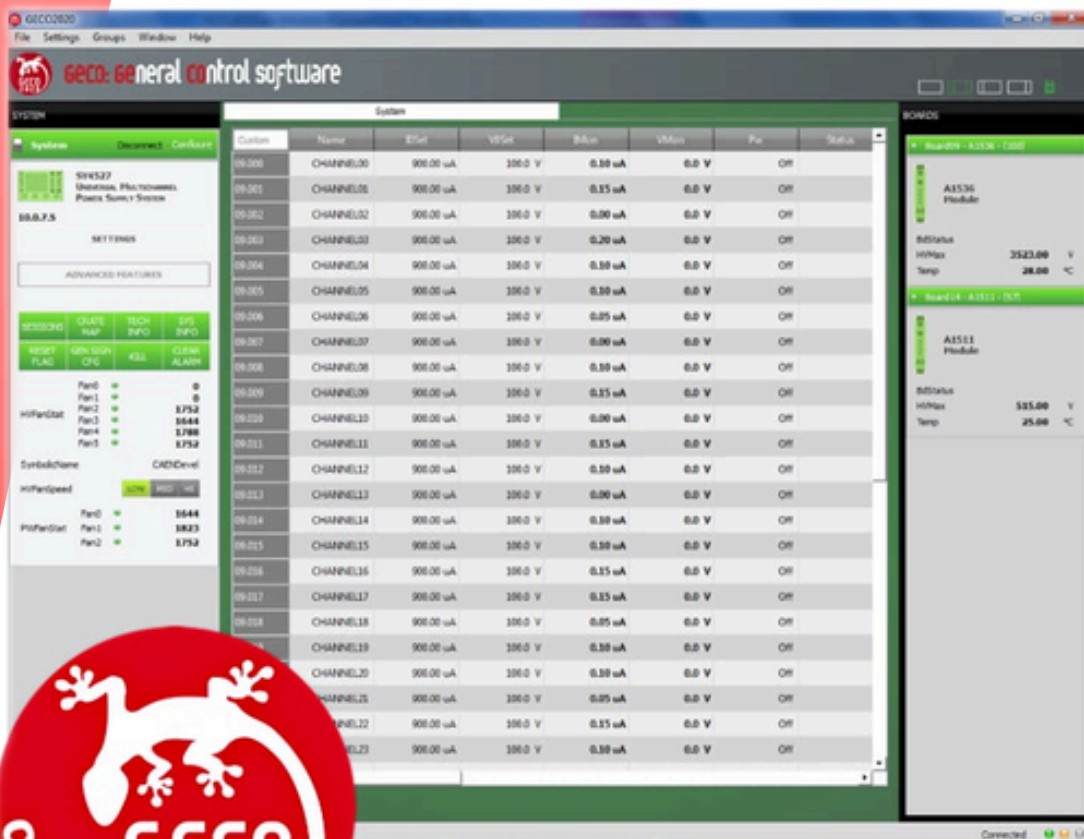


GECO2020

General Control Software for CAEN HV Power Supplies



Features



- Innovative GUI
- Dashboard capability: Allows to manage all the CAEN Power Supplies in any form factor
- Supports Linux and Windows
- Optional Advanced Features (Scripting and Logging) available for SYx527 systems
- Parameter Logging capability available for NIM, VME, Desktop and Rack units
- Simultaneous multi-systems control: up to 4 SYx527's and 20 Power Supply Boards
- Handles all the communication links provided in CAEN Power Supplies:
 - Ethernet
 - USB
 - Optical Link
 - Wi-Fi

Description

GECO2020 is the all new CAEN General Control SW for **High Voltage Boards and Systems**. **GECO2020** brings the High Voltage control and management via **external Host PC** to an unprecedented level of easiness and compatibility. Thanks to its **dashboard** capability it allows **simultaneous multi-systems control, even if different form factors are used (up to 4 SYx527's and 20 Power Supply Boards)**. The same GUI can in fact show information and settings for the different HV items used (**SY4527-5527** Mainframes, NIM boards, VME...) and the view can also be customized by the user, in order to show only desired parameters.

For **SY4527-5527** Systems only, optional advanced features like **Scripting** and **Logging** are available, to improve automation and control. Configuration files can be saved and retrieved in any moment, to easily recall system settings. Parameter Logging capability is provided for NIM, VME, Desktop and Rack units. **GECO2020**: the longstanding tradition of CAEN High Voltage Power Supply at your fingertips.

Operation with VME Power Supplies requires the use of **CAEN VME Bridges**. Desktop and NIM/Desktop Modules via USB and Ethernet, NIM modules can be controlled via USB and Ethernet if CAEN NIM8301 Crate is used.

Supported Operating Systems

Windows (32-64 bit), Linux (32-64 bit)

Supported Products

SY4527, SY4527LC, SY5527, SY5527LC, NIM/NDT/VME/Desktop/Rack Power Supplies

Supported Comm. Interface

USB, Optical Link, VME, Ethernet

Related Products

SY4527



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

N1471H



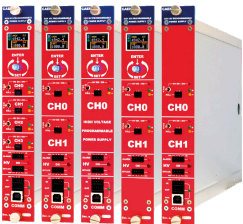
4 Ch Reversible 5.5 kV/20 μ A NIM HV Power Supply High Accuracy Module (USB)

NDT1470



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

N1470



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

N1419



4 Ch Reversible 500 V/200 μ A 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



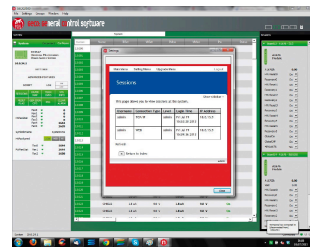
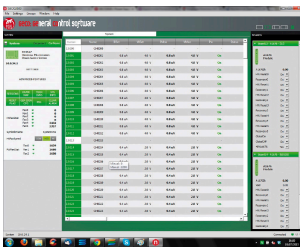
4 Ch Reversible 5.5 kV/300 μ A NIM/Desktop HV Power Supply Module (USB/Ethernet/T.screen)

N1471



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

Gallery



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