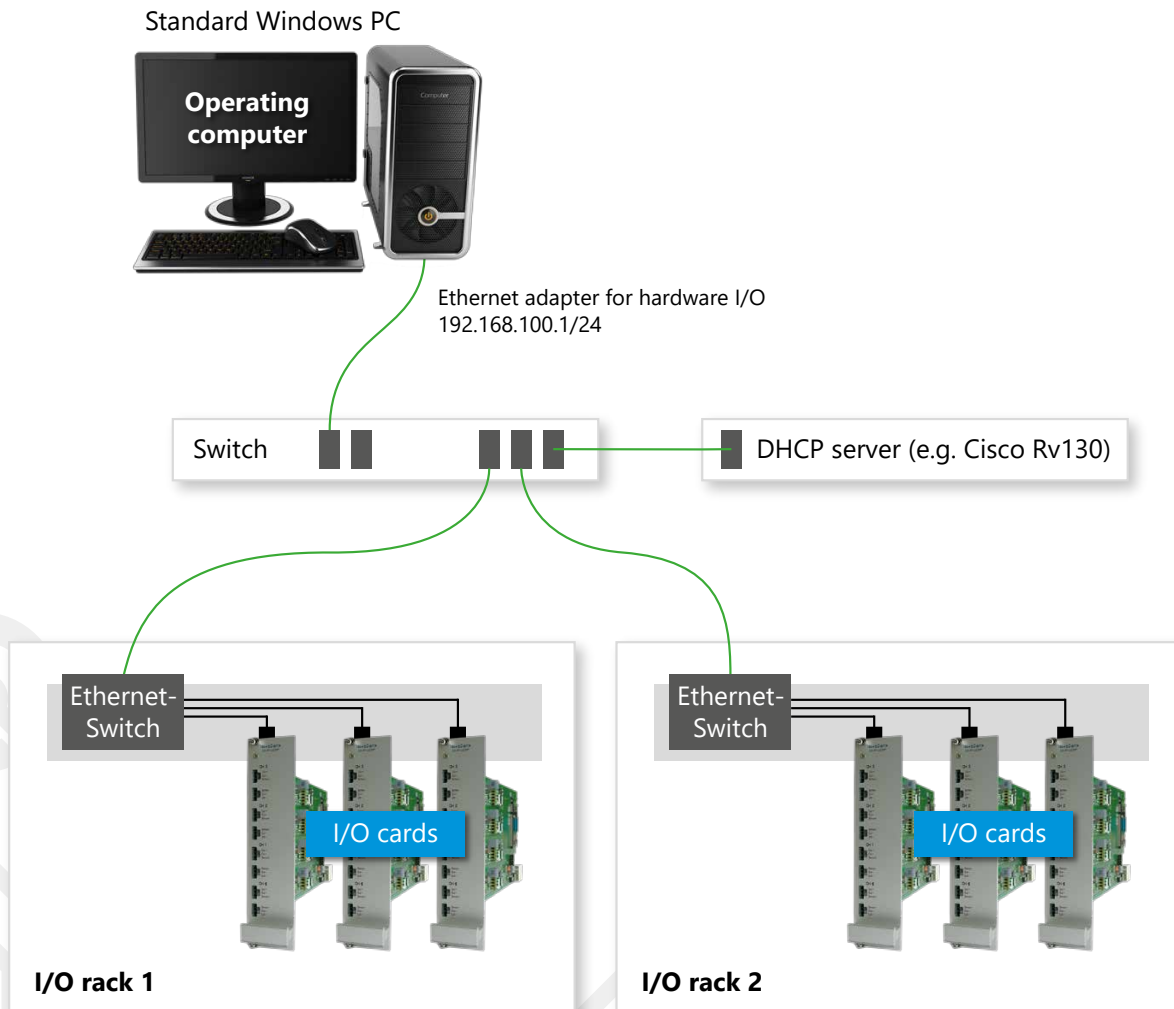


NovaCarts I/O API

The NovaCarts I/O API (NcloApi) enables NovaCarts boards and modules to be integrated into Windows environments, meaning that NovaCarts hardware can also be operated without a hardware-in-the-loop (HiL) system. Their use under Windows permits numerous applications to run that do not require an exact real-time simulation environment, for example as a stimulator.

NovaCarts I/O API is suitable for integrating NovaCarts hardware into all environments where Windows-DLLs can be called. This applies to current Windows computers as well as Vector VT systems. The interface can be used to set up powerful test systems with special NovaCarts I/O boards, for example for hybrid applications such as for simulating cells, insulation faults, high-voltage environments, or the special signals common in the hybrid area.



Data Sheet

Order number: **NC-IoApi**

Data sheet version: **1V0**

Highlights

- » External interface for controlling all NovaCarts I/O boards
- » Standard Ethernet interface
- » Comprehensive programming interface (API to C, C++, .NET)
- » Can be integrated into a Vector VT system environment

Features

- » Simultaneous operation of up to 20 NovaCarts I/O boards
- » C-API
- » Interface to C++
- » .NET-API (Win 7/10)
- » Sample applications for C/C++ and C#
- » Can be integrated into CANOE with a custom CapI DLL
- » Can be integrated into LabView

Package Includes

- » NovaCarts I/O API software on data medium
- » User documentation on data medium
- » LabView and Python available on request