

# ProfinetDriver

## Driver Legacy

The Profinet driver makes possible the integration of PLC Siemens S7 series control devices into Niagara Framework. All components of the driver, devices and detected points are perfectly integrated into Niagara Workbench, allowing a better efficiency in the design and maintenance of the systems and consequently lower costs. The use of JACE, together with the QL Profinet driver, allows to manage PLC Siemens S7 control devices non only with the native supervision system (Niagara Supervisor) but also with other supervisory systems (eg. SCADA) fitted with standard communication protocol (Modbus, BACnet, oBIX, etc.).

### Key Features

- Drivers for communication with proprietary protocol TCP/IP.
- Setting the configuration parameters of the communication.
- Auto discovery of PLC Siemens S7 devices on the local LAN network.
- Alarm management for lack communication with PLC Siemens S7 devices.
- Read/Write of the DB (Data Block Memory) and M (Internal Memory) native points in multivariable mode.
- Reading PLC status (Run / Stop).
- PLC date and time management with synchronization.
- Reading of all PLC system information (serial-number, firmware version, PLC name and model).

### Compatible Siemens PLC

PLC Siemens S7 - 300/400/1200/1500 CPU

### Application

- Building Automation
- Industrial Automation
- Energy Management
- Enterprise Management
- Equipment Control
- Refrigeration

### Niagara Platform

JACE or Supervisor

### Niagara Version

N4

