

# PROdirect

## OPC Server for PROVOX®

PROdirect is an OPC server for Emerson Process Management™ (Fisher-Rosemount®) PROVOX® controllers.

Without additional software, PROdirect provides unsolicited, real-time, read and write access to a PROVOX network via a standard connection to a Highway Data Link® (HDL) or Serial Interface Unit® (SIU).

Monitor and control PROVOX points using any client that supports OPC, including numerous HMIs, Process Historians, and SPC/SQC applications.

**Test OPC clients before “going live”**

**Troubleshoot PROVOX® communications within the PROdirect interface**

**Easy connection via HDL® or SIU®**

**Unsolicited communications**

**Connect to multiple interfaces**

**Real-time read and write**

**No additional software required**

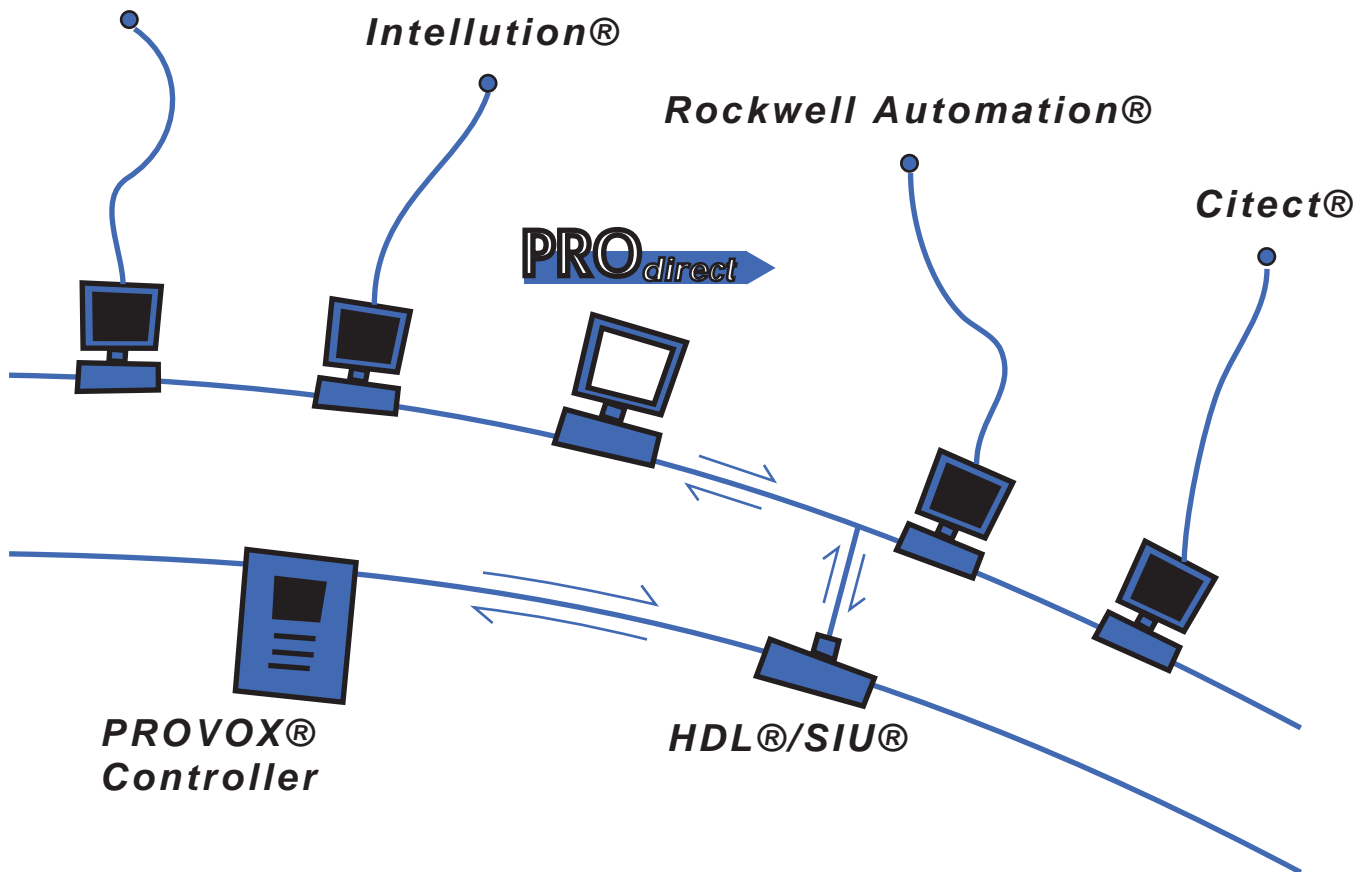
**Windows® Compatible (2000/XP®/2003)**

**Wonderware®**

**Intellution®**

**Rockwell Automation®**

**Citect®**



### Benefits and Features

**Client simulation:** OPC clients can be tested before they are connected to the system. PROdirect can simulate all or part of the server configuration for client trials.

**Easy to troubleshoot:** View controller communication status as well as point attributes within the PROdirect GUI. Diagnose connections and verify attributes without reviewing log files and without an OPC client.

**Easy connection via HDL or SIU:** Only a standard network connection to the HDL or SIU is required.

**Unsolicited communications:** Access to all operating parameters using the report-by-exception protocol.

**Connects to multiple interfaces:** Communicates simultaneously with multiple HDLs or SIUs. Create a back-up HDL or SIU configuration with a single click.

**Real-time read and write:** Read and write capability provides supervisory control.

**No additional software required:** The PROdirect server is the only software required to communicate.

**Easy automated configuration:** The optional PROfusion utility automatically converts PROVOX tags into OPC tags and configures the HMI with the OPC tags.

### Requirements and Specifications

**PROdirect PC:** Windows 2000, XP, or 2003, Intel Pentium processor, 1GB memory, Ethernet network connection

**PROVOX Network Devices:** Dedicated HDL or SIU connected to PROdirect PC network

**Polling Rates:** Minimum polling interval of 500 milliseconds or report-by-exception unsolicited data requests

**Accessible Data Types:** Read and Write Operating Parameters and DDP Data

#### Controllers Supported:

CL5610 UNIVOX Controller  
CL5620 MicroPROVOX Controller  
10 Series Integrated Functions Controller  
10 Series Unit Operations Controller  
20 Series SR90 Controller  
SRX Controller Family  
DH6005 Programmable Controller Interface Unit  
DH6011 Data Concentrator for:  
    CL6201 Configurable Controllers  
    CL6211 Computing Controllers  
    CL6011 2/3/4-wide IACs  
DM6001 Multiplexer Controller Unit

### Upgrading

For existing users of TiPS' drivers, including OverDrive and MDM, we offer special pricing on upgrades as well as automated conversions using the optional PROfusion configuration utility.

### Migrating

For users migrating from PROVOX to another operator interface, TiPS offers PROtrans, a graphic conversion service that converts graphics into the new format. Using PROdirect, PROfusion, and PROtrans together makes converting to a new control interface as smooth as possible.

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