

SOFTWARE



OPC INTERFACE

For continuous on-line partial discharge monitors

Open Connectivity Via Open Standards

Application

The OPC interface allows users to integrate partial discharge (PD) data from continuous on-line PD monitoring instruments, through a LAN, into external applications for alarming, displaying and/or trending. The OPC interface eliminates the need of the dedicated application supplied by Iris to display PD data, with proprietary communication protocols.

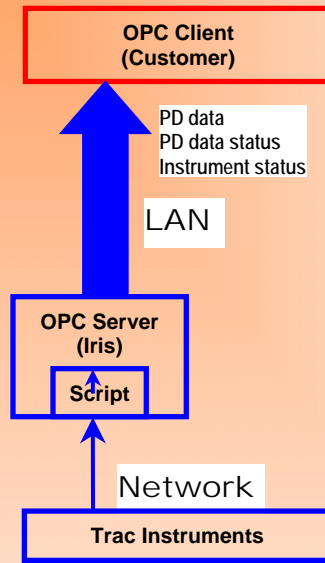


FIGURE 1. OPC FOR TRAC

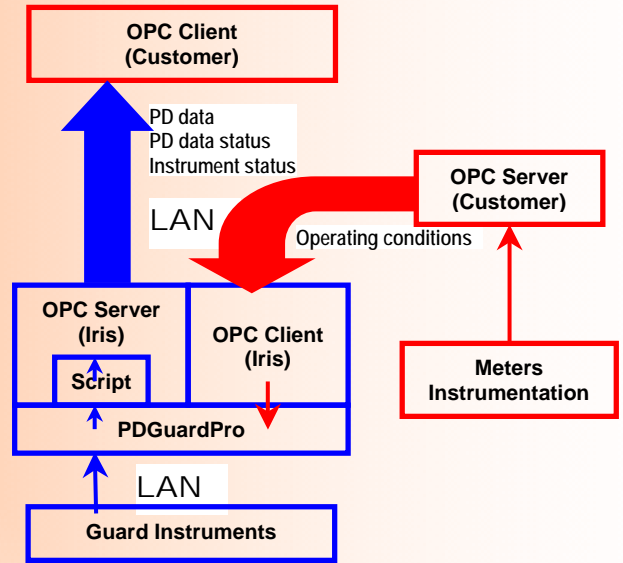


FIGURE 2. OPC FOR GUARD

OPC Server for Trac Instruments

Exposed Data

- ❖ Summary Numbers & 2D data
- ❖ Measurement Scale
- ❖ Alarms
- ❖ Time of Measurement

Order

Part Nr.	Description
HydroTrac/BusTrac	
F7100	OPC Server license for HydroTrac/BusTrac monitors. Exposes OPC tags for PD data to OPC clients. Requires Trac monitors to be network enabled. Price covers software license for one computer (typically suitable for an entire plant).
PDTrac	
F7105	OPC Server license for PDTrac monitors. Exposes OPC tags for PD data to OPC clients. Requires Trac monitors to be network enabled. Price covers software license for one computer (typically suitable for an entire plant).

For other options contact your sales representative



OPC Interface for Guard Instruments

Incorporating both OPC server for PD data and OPC client to receive operating conditions from an external OPC server in the same LAN. The OPC client for operating conditions eliminates the need of analog input modules,

Data Exposed

- ❖ Summary Numbers
- ❖ Measurement Scale
- ❖ Alarms
- ❖ Trigger That Caused Alarm
- ❖ Time of Measurement

Data Received

- ❖ Stator Voltage
- ❖ Active Power
- ❖ Reactive Power
- ❖ Stator Temperature
- ❖ Gas Pressure



Order

Part Nr.	Description
Guard	
F7110	OPC Server license for Guard monitors. Exposes OPC tags for PD data to OPC clients. Price covers software license for one computer (typically suitable for an entire plant).

For other options contact your sales representative

Some OPC Interface Benefits

- ❖ Independence from proprietary software for trending and data acquisition
- ❖ Users can:
 - Choose language and type of display
 - Trend data on their own
 - Set alarms in their automation system
 - Consolidate PD with other machine-specific history
 - Update data frequently, closest to real-time

About OPC

- ❖ Vendor-independent, industry standard protocol
- ❖ Most accepted Ethernet open standard
- ❖ Eliminates need for custom interfaces
- ❖ Developed by OPC Foundation (www.opcfoundation.org)



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