OPC Server for Vaisala Data Loggers
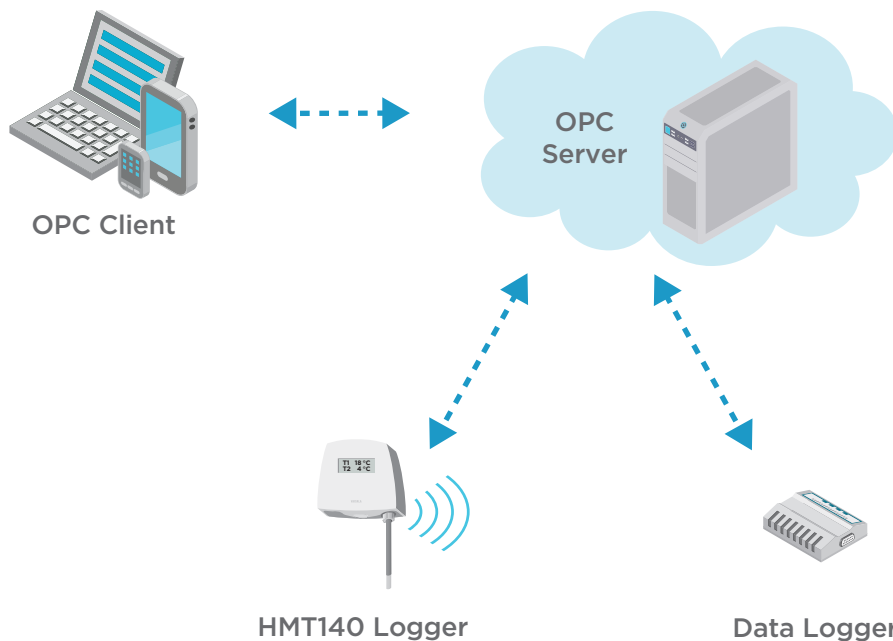

OPC Client

OPC Server

HMT140 Logger

Data Logger

Vaisala OPC Server Features

- Allows direct OPC access to live data of DL series and HMT140 series loggers with an OPC client

- Provides current measurement values only (no backfill or history)

- Communication with data loggers is through the logger's virtual COM-port (or via TCP/IP for HMT140s)

- Can be used alone or in parallel with the Vaisala viewLinc Continuous Monitoring System

- Runs as a service in Windows

OPC is a software interface standard that allows Windows™ programs to communicate with a variety of hardware devices. The OPC server for Vaisala data loggers converts the Vaisala proprietary language into an OPC protocol. The OPC-client software then connects the data to a Human Machine Interface (HMI). The value of OPC is that it is an open standard, which means lower costs for manufacturers and more options for users.

OPC allows the measurements of the continuous monitoring system to be utilized by an additional application, for example to link measurement data to any OPC-compatible system, such as a Building Management System, Historian or Manufacturing Execution System.

Incredibly easy to use, Vaisala's OPC Server interface features a standard Windows Explorer format that allows you to create connections between Vaisala data loggers and a 3rd party system.

With the Vaisala OPC Server, any software with OPC-client capabilities is compatible with the Vaisala data loggers.

Users can quickly view various Vaisala data logger information on their existing, non-Vaisala monitoring system, including:

- Channel Values
- Channel Attributes
- Data Logger Attributes

The Vaisala OPC server is Data Access (DA) only, not Historical Data Access (HDA). Therefore only live values are read by the OPC client.

Scan the code for more information