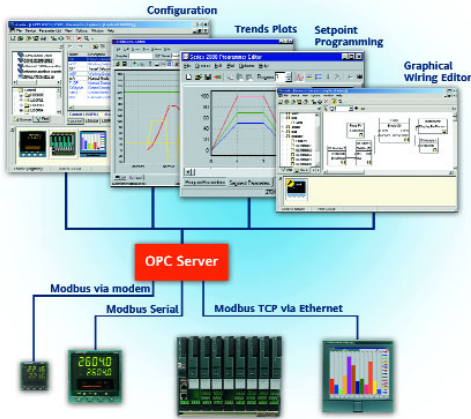


iTools: Configuration, Monitoring and Datalogging Software



iTools is a complete configuration, commissioning, cloning and monitoring package for all Eurotherm Series 2000 and 3000 Controllers and Indicators. It can edit, store and clone complete controller configurations. Optional PC based user screens, a standalone setpoint program editor and real time trend plots are available.

iTools utilizes an OPC server that uses Modbus to communicate with the controllers or the optional Eurotherm Configuration Station Interface Adaptor. The OPC server supports the Eurotherm Configuration Station, Modbus RTU and Ei-Bisynch serial comms, modbus/TCP Ethernet or a telephone modem. The OPC server ordered as the Open edition supports third party client software such as Wonderware or any OPC client software.

iTools is available in either the Standard or Open editions and is compatible with all Windows operating systems.

Standard Edition:

Offers full iTools functionality for configuring and commissioning Eurotherm devices. Access to iTools OPC Server from 3rd party OPC clients is limited to 30 minutes, as is access to 3rd party OPC servers from the OPC Scope utility. For unlimited access to OLE for Process Control (OPC) functionality, iTools Open Edition is required.

Ordering codes

iTools	1	2	3	4	4	6
--------	---	---	---	---	---	---

1 Media	2 Edition Licence	3 Config Software	5 Setpoint Program Editor
CC iTools on a CD w/config kit for controllers, manuals incl. CD Supplied on a CD, manuals Incl. PK Product key only, to enable selected iTools options	STD Standard edition, OPC server supports MODBUS, Ei-Bisynch and MODBUS/TCP comms to slave devices and connection to all iTools 'client' software tools. OPEN OPEN edition, access to OPC server by third party 'client' software enabled	CNF XXXX enabled disabled	SCE XXXX Standalone enabled Standalone disabled
4 OPC Scope	6 View Builder *		
SCP XXXX Trend display enabled Trend display disabled	IVB XXXX enabled disabled	* PC based user screens	

Features

- cloning
- configuration
- graphical wiring
- setpoint program editor
- Series 3000 config wizard
- OPC server
- DDE
- modem support
- data logging
- real-time trend plots
- PC based user screens

Open Edition:

Offers all the features of iTools Standard Edition, as well as providing interoperability with any software that is compliant with OLE for Process Control (OPC), the industry standard for data access to real-time devices. In addition to the functionality offered by iTools Standard Edition, the Open Edition allows:

unlimited access to the iTools OPC Server from 3rd party OPC client applications, incl. the majority of SCADA software;

unlimited access from the OPC Scope utility to 3rd party OPC servers.

Instruments Supported

2100, 2200, 2400 Controllers and Indicators

3100, 3200, 3500 Series Controllers
 2604 and 2704 Advanced 3-Loop Controllers

2500 Distributed Controls and Data Acquisition System

T630 Process Controller

Runtime monitoring of 5000 Series Graphic Data Acquisition units.

Literature

HA026177 iTools Data Sheet

iTools Remote Connections

Connection options

- Modbus TCP
- Modbus TCP via OPC Slave
- OPC via Microsoft DCOM
- Serial Modbus via a modem

The iTools OPC server can connect to remote instrumentation via the Internet and read and write values to supervisory packages such as Wonderware or LabVIEW.

Several options exist.

- Use Modbus TCP to connect directly to 5000 series recorders, the 2500 control and data acquisition system, or to other instrumentation via a MODBUS TCP to Serial Modbus converter.

- Use Modbus TCP to connect to a remote PC running the iTools OPC server as a slave. In this mode the OPC server is acting as a Modbus TCP to Serial Modbus converter. This local OPC server will simultaneously support local clients such as iTools or Wonderware. This connection will work through firewalls.
- Use Microsoft OPC/DCOM to connect to remote PC's via the Intranet.

