iTools
with Wizards

Configuration, Data Logging, Mini SCADA, Communication and Monitoring Software
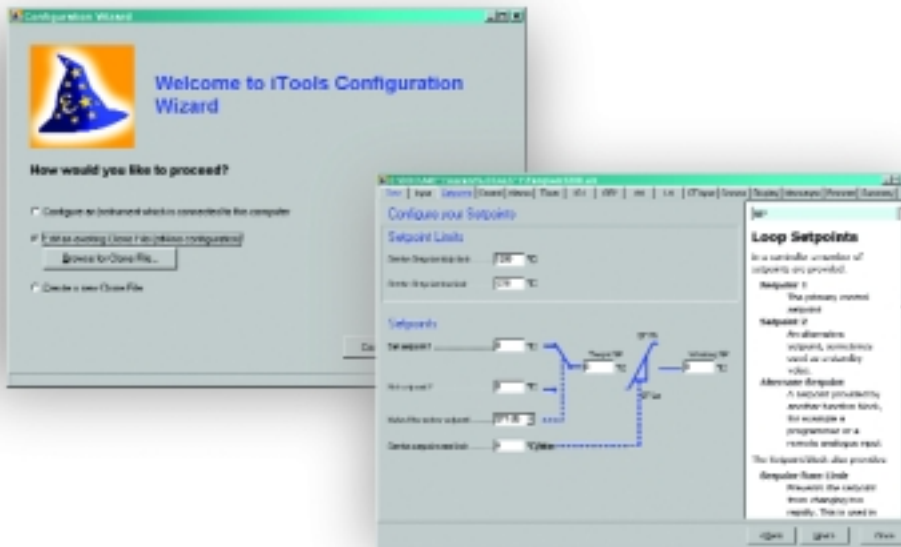
EUROTHERM
invensys

Features:

- **configuration with Wizards to help the user**
- **graphical wiring editor**
- **cloning**
- **PC based User Screens - Mini SCADA**
- **data logging and trending**
- **setpoint program editor**
- **process monitoring**
- **OPC server**
- **remote connection**

iTools is a versatile suite of software tools to allow configuration and monitoring of all Eurotherm 2000 and 3000 Series Controllers and the T630 Process Controller. It also provides runtime monitoring of the 5000 Series graphical recording and data management units. It is capable of editing, storing and 'cloning' complete controller configurations as well as setting up data logging, process monitoring and Ethernet and modem connections.
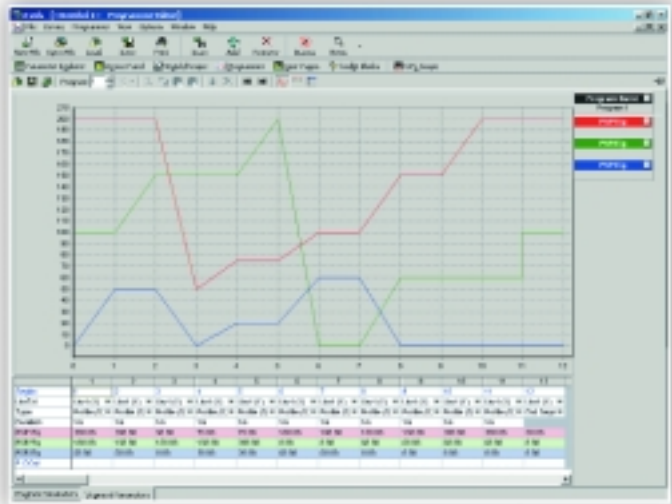
Configuration Wizards

Wizards are a powerful new tool in itools Version 5. They are used to simplify the configuration of products for the user. They guide the user through the device configuration process with interactive help and graphical demonstrations of configuration options. Advanced users and OEMs can also create their own wizards using the View Builder option so that this standard software can become a process specific tool.
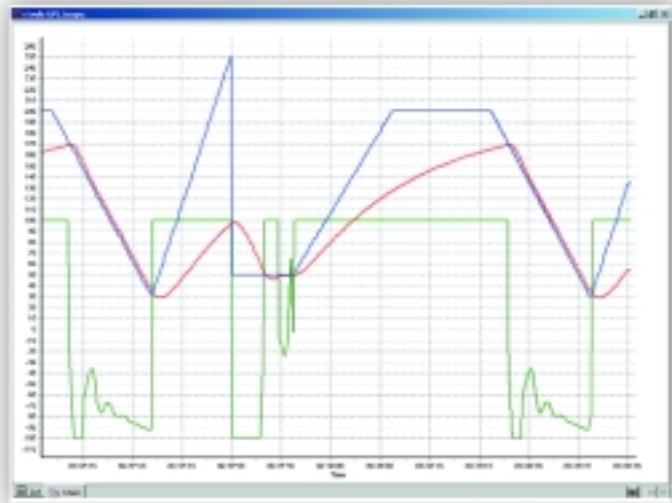

• DATA MANAGEMENT • CONTROLS • PROCESS AUTOMATION•

View Builder

View builder allows users to create PC based customised Mini SCADA screens for simple process monitoring, commissioning and diagnostic to suit their process needs

- **customised screens**
- **import background images**
- **user buttons to switch between screens**
- **live data monitoring**
- **operator interface to controls**

View Runner

Once a View Builder screen has been created, the View Runner shows live values from the process with interactive buttons as an intuitive operator interface.

Graphical Wiring Editor

- **simple 'Drag & Drop' wiring**
- **pre-configured function blocks**
- **access to real time monitoring**

Configuring Eurotherm controllers has never been easier with the Graphical Wiring Editor within iTools. This intuitive tool allows the user to configure the latest Eurotherm controller, the 3500, using a simple drag and drop graphical interface. iTools includes pre-configured function blocks combined with the Graphical Wiring Editor, the user can develop advanced control applications in minutes.

Setpoint Program Editor

- **simple setup of setpoint profiles**
- **store, retrieve and download program files**
- **unlimited program storage**
- **online and offline editing**

The Setpoint Program Editor within iTools provides a simple method of configuring setpoint profiles and programmable event outputs. Programs can be edited live - online with the controller, or offline - for download after editing or storage of the profile. Storage of profiles is limited only by the amount of disk space available at the PC.
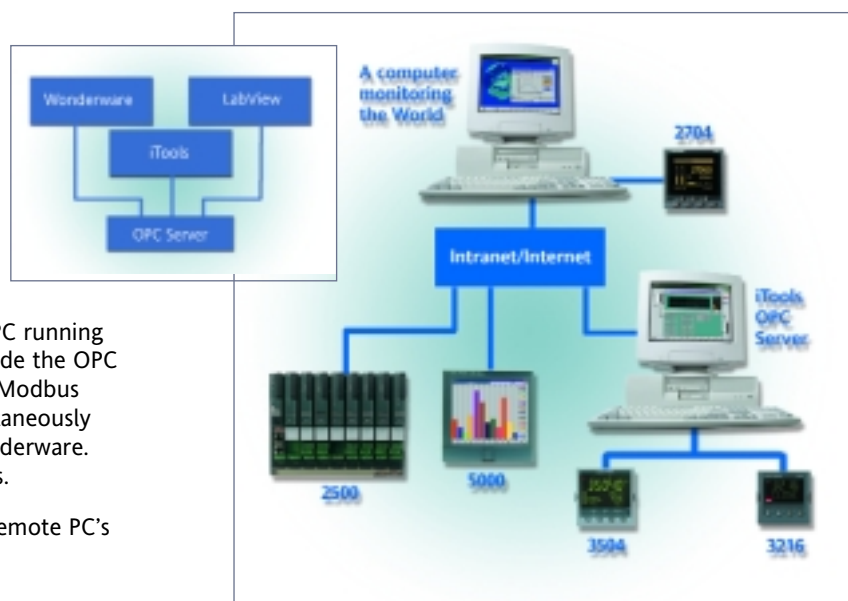

Trending

iTools provides a trending and data logging option using OPC Scope. The user can trend and view live data, with a scaleable time axis between 1 minute and 1 month. This utility also offers a Historical Review mode and data can be logged onto the PC hard disk, from which it may be retrieved and analysed in an Excel spreadsheet.

OPC Server

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

· Use Modbus TCP to connect directly to Ethernet enabled products

· 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

Order code

ITOOLS	1	2	3	4	5	6	7

1   iTools
Supplied on CD . . . .**CD**

2   Configuration Kit
None (CD only) . . . .**NONE**
3000 Series Configuration Kit (with clip and cable) **3000CK**
3000 Series Configuration clip with cable (no PSU) **3000CC**
3500 infra red port Configuration kit (UK power connector) **3500IR**
2000Series Configuration kit (UK power connector) **2000UK**
2000Series Configuration kit (European power connector) **2000EU**
2000Series Configuration kit (USA power connector) **2000US**
2500Series Configuration kit (no power connector) **2500NC**
2500Series Configuration kit (UK power connector) **2500UK**

3   Configuration Software
Configuration software enabled (includes integrated Setpoint
Programmer Editor) . . . .**STD**
Configuration software disabled . . . .**NOCONF**

4   OPC Server
Standard . . . .**STD**
Open OPC Server for use with 3rd party software
(e.g. Wonderware) . . . .**OPC**

5   Trending and Logging (OPC Scope)
None . . . .**XXX**
Trend displays enabled (OPC Scope) . . . .**TREND**

6   View Builder
None . . . .**XXX**
View Builder enabled . . . .**VIEW**

7   Trending and Logging (OPC Scope)
None . . . .**XXX**
Standalone setpoint programming editor . . . .**SPE**

Example order code:
ITOOLS/CD/3000CK/STD/STD/TREND/VIEW/XXX

Part No. HA026177 Issue 3   iTools Data sheet   Printed in England 02.04

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