iTools

EUROTHERM

CONTROLS
DATA MANAGEMENT
PROCESS AUTOMATION
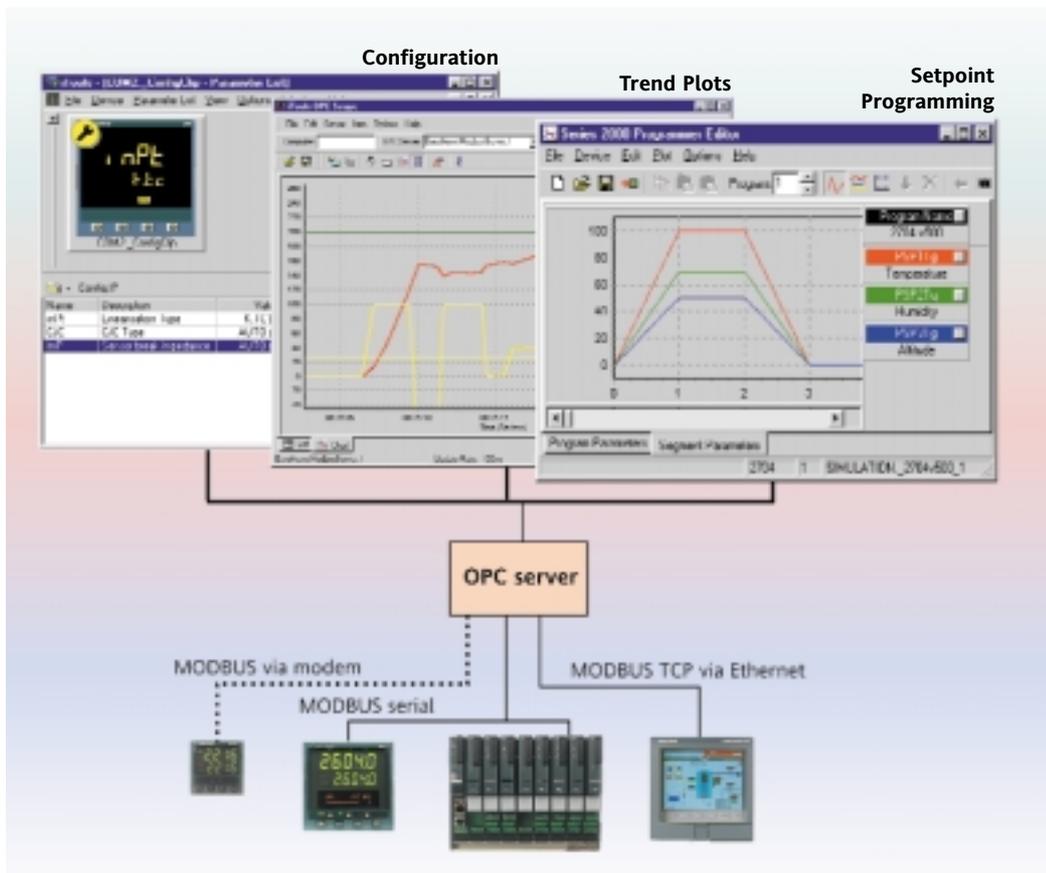
Designed for:

- **Configuration**
- **Cloning**
- **Data Logging**
- **Process Monitoring**
- **Order code generation**
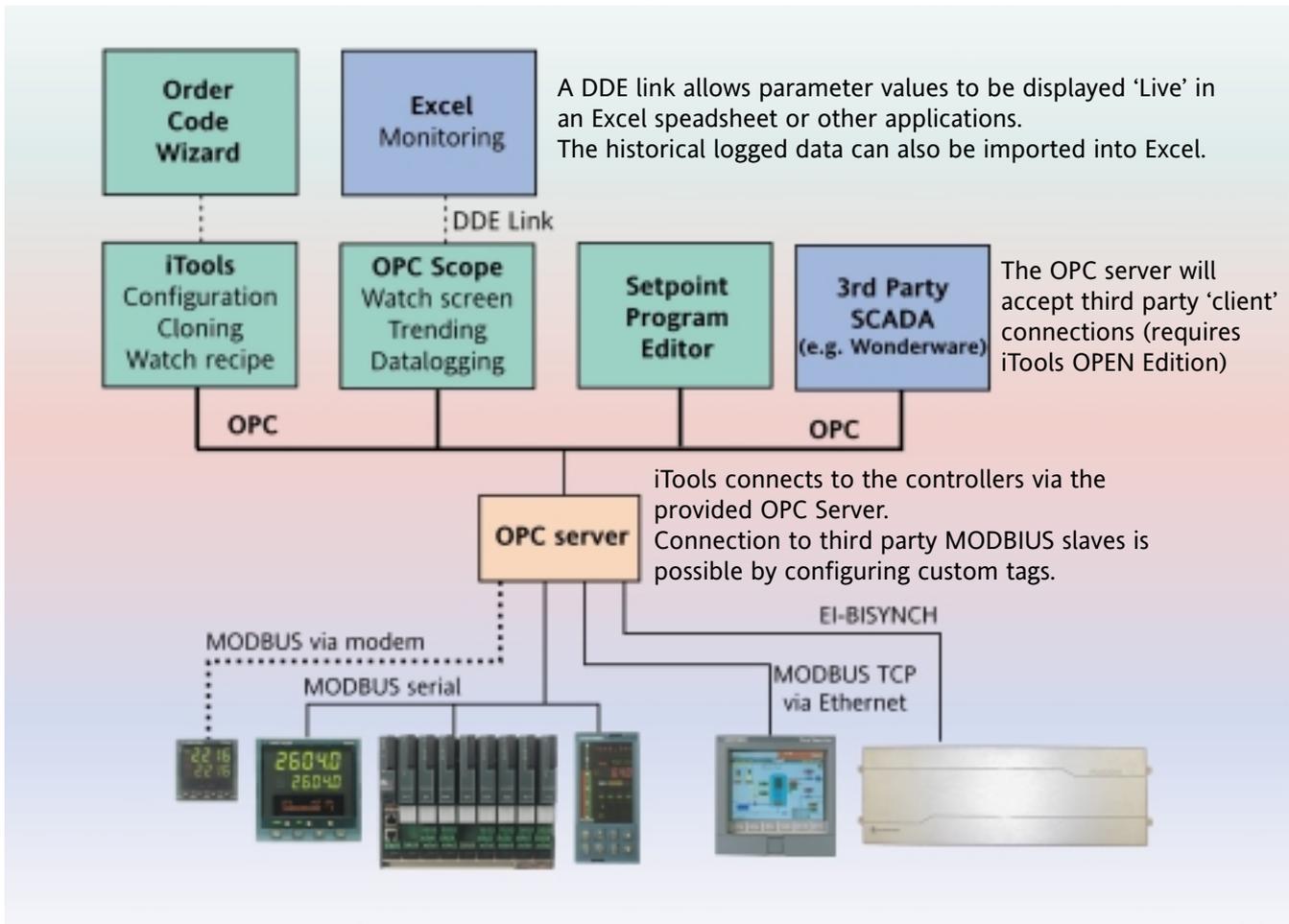- **Ethernet and modem connection**

Configuration and Data Logging Software

iTools is a complete configuration and monitoring package for all Eurotherm Series 2000 controllers. It will edit, store and 'clone' complete controller configurations. In addition a setpoint program editor and real time trend plots of the process values are provided.

iTools employs an OPC which uses MODBUS® to communicate with the controllers. The server connects to the controllers via serial communications, Ethernet or a telephone modem. The OPC server may also be used by third party 'client' software such as Wonderware® and Labview®.

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An Invensys company

A DDE link allows parameter values to be displayed 'Live' in an Excel spreadsheet or other applications.
The historical logged data can also be imported into Excel.

The OPC server will accept third party 'client' connections (requires iTools OPEN Edition)

iTools connects to the controllers via the provided OPC Server.
Connection to third party MODBIUS slaves is possible by configuring custom tags.

Supported instruments

iTools supports configuration of all Eurotherm Series 2000 controllers including:

- **2132 and 2116 miniature controllers and indicators**
- **2216, 2208 and 2204 controllers**
- **2416, 2408 and 2404 controllers and programmers**
- **2108i and 2408i indicators**
- **2604 and 2704 advanced 3 loop controllers**
- **2500 distributed I/O and data acquisition system**

iTools also provides support for

- **T630 Process controller**

iTools also provides runtime monitoring of

- **5000 Series data aquisition and management unit**

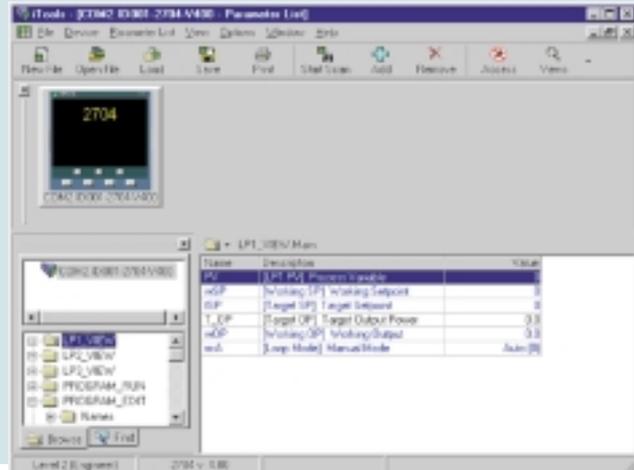This gives access to all Modbus parameters. Please note this does not provide complete configuration.
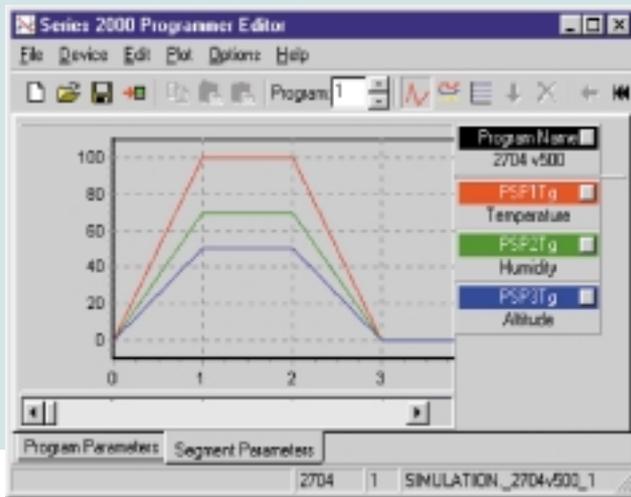
iTools Configurator

The Configurator will edit, store and 'clone' complete controller configurations.

Clone files can be opened as virtual instruments simulating their actual behaviour and allowing complete configurations to be developed off-line, then downloaded to the controller at a later time.

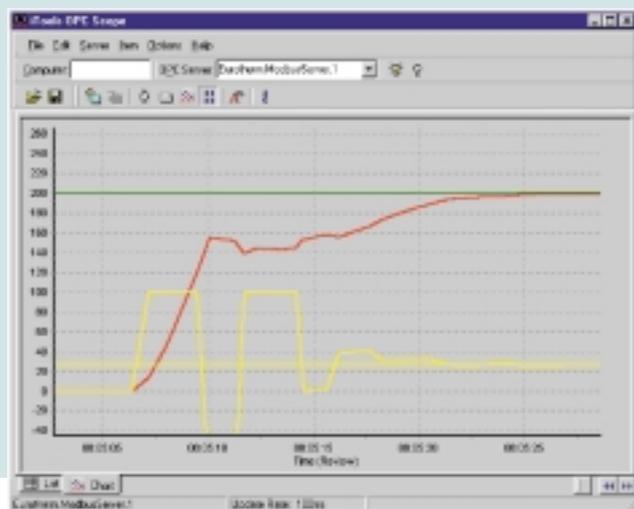Configuration from an order code wizard is also provided.

Setpoint Program Editor

The 'Setpoint Program Editor' provides a simple method of setting up the setpoint profiles and the programmable event outputs in the 2400, 2604 and 2704. The editor will store, retrieve and download program profiles. It will work 'on-line', when program values are edited 'live' in a connected controller, or 'off-line', when programs are edited before being downloaded to a selected controller. The number of stored programs is limited only by the capacity of the PC hard disk.

OPC Scope Trend Plots

OPC Scope is an iTools utility providing trend plots of the process variables. The time axis can be adjusted between 1 min and 1 month, and also provides a Historical Review mode.

Data may also be logged to hard disk in CSV format. This can then be recalled and analysed in an Excel spreadsheet.

Toolbar showing icons for:
Open Clone, Save Clone, Add device,
Remove device, Scan, Open Parameter list

Selected device is
coloured for a real
instrument.
White display for a
clone file.

Port: Com4
Address: 1
Controller: 2404
S/W: V3.55

'Explorer' style folders depict each page
of instrument parameters

Clone file
name

Parameter list showing the parameter
description, the instrument mnemonic and
the current value. Double click on the value
and a popup will allow entry of a new value.

Ordering code

iTools	iTools Configuration with 'OPCSCOPE' data logger, and Setpoint Program Editor				
	CD	CD Media (includes all controller Manuals on CD)			
	PK	Product key only			
		DEMO	Demonstration Edition and software upgrade version (see note)		
		STDSL	Standard Edition Single site licence		
		OPENSL	OPEN Edition Single site licence (required for third party client access)		
			NONE	No options	
			USC	User screens	
				None	No manuals
				ENG	English hard copy manual
				FRA	French hard copy manual

Configuration Adapter

A configuration adapter is available which allows iTools to connect to Series 2000
Controllers via their 'factory' comms port located on the side of the controller. By this
means controllers can be configured without having a comms module installed.

Coding:
CONFIG/ADAPTOR/2627/NONE
/UKCORD
/USCORD
/EUROCORD

CE