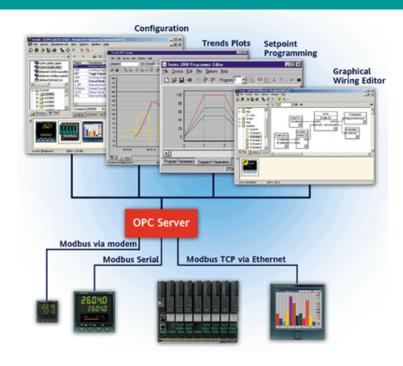# What is iTools?

iTools is Ideal For

Auto Detection

Clone File Load and

Save

Configuration

Commissioning

Datalogging

Monitoring

Cloning Controller Setup

Setpoint Program Setup

Batch Setup

Ramp/Soak

Visual Editor

Modem/Network

Support

OPC Server

ActiveX Controls

OEM's

iTools is a Windows based software package designed for configuation and cloning of the industry leading Series 2000™ family of PID controllers and indicators. With iTools V4 or greater there is support for the Chessell 5000 Series of graphical DAQ recorders. There are 3 editions of iTools - Demo, Standard and Open. The Demo edition of iTools may be downloaded free from the Eurotherm web site for evaluation.

iTools operates on any personal computer running Windows®9x Windows NT®, Windows 2000 or Windows XP. For instruments with Modbus® RTU communications, iTools will scan the network on request and automatically identify any supported Series 2000 instrument. Non-communicating instruments use the optional Series 2000 Interface Box that does not require the instrument to be line powered.

Copying the complete set of parameter values from an attached controller to a file can be done at the click of a button. This same file can then be cloned to another instrument to provide an exact duplicate. Clone files can be edited off-line, distributed or used to compare configurations.

iTools is written using the latest software technology ensuring interoperability with industrial and desktop software you use today. This technology is demonstrated by the inclusion of two ActiveX controls (a Series 2000 faceplate and parameter control), a Modbus RTU OPC™ Server (EuroMBus) that can operate as a standalone OPC Server that supports both serial COM (modbus RTU and Ei-Bisynch) and Ethernet (modbus/TCP) connections, a visual Setpoint Programmer Editor (SPE) and OPC Scope - a trend plot and data logger tool. Both ActiveX controls and the OPC Server can be used with industrial visualization software (SCADA) available today.

REMOTE CONFIGURATION/MONITORING

iTools can also be used for remote configuration and monitoring applications. There are three ways for iTools (and OPC Scope) to communicate with remote instruments and computers.

- ModBus serial via a modem connection
- ModBus TCP Master over Ethernet
- ModBus TCP Slave over Ethernet