

EUROTHERM® DCS SYSTEM

# EurothermSuite™ Visualisation



Invensys®  
EUROTHERM®

FLEXIBLE BUT SECURE



VIBRANT GRAPHICS

ENTERPRISE VISUALISATION



# Operators Viewer

By matching Eurotherm Flexible Solutions with Wonderware award winning InTouch Human Machine Interface (HMI), we provide an outstanding answer to all your operational issues.

## Vibrant Graphic Capabilities

- Vibrant, resolution-independent graphic capabilities provides realism, clarity and attention
- Includes Wonderware InTouch and Arcestra technology

## Extensive Symbol Libraries

- Library of graphical symbols and faceplates provided
- Create your own library of Arcestra graphical symbols

## Reusable Standard Applications

- Project Organiser enables centralised management and remote deployment
- Versatile, user-friendly, multi-user development and editing environment for collaborative engineering productivity
- Use of integrated scripting and connectivity preserve engineering effort through re-use and standardisation

## Actionable Intelligence

- Reliable knowledge presented for fast analysis and understanding allows timely and informed decisions

## Enterprise Wide Solution

- Enterprise access to all plant data and ability to deploy application to remote nodes
- Secure, reliable and maintainable HMI and MES applications

## VIBRANT GRAPHICAL ENVIRONMENT ACTIONABLE INTELLIGENCE REACT IN REAL TIME

### React in Real Time

- Comprehensive Alarm management including alarm history database allows prompt response to critical situations
- Tag browser, display hierarchy and detailed engineering displays

### Scalable Architecture

- Extensive range of advanced and power controllers, strategy engines, data management and I/O allow extensible solution
- Specialised market applications knowledge provided by Eurotherm

### Flexible but Secure

- Scalable start small and grow big solutions
- Security to match expectations. Conforms to 21 CFR Part 11 requirements



## Actionable Intelligence

By providing the right information, at the right time, and in the right format, you can make timely, informed decisions, take corrective actions to reduce costs and operational incidents, and improve productivity across the entire operation.

Intelligent graphics capabilities provide context to data, enable faster analysis, and facilitate better and more rapid understanding of displayed information.

## Vibrant Graphical Capabilities

You can quickly and easily develop custom graphical views of your real-time industrial processes.

With a comprehensive range of graphics primitives from which graphical symbols may be created, engineers have freedom to exercise their imagination and creativity to represent automation environments with style, utility and efficiency.

ArchestraA symbols support embedded .NET controls and give freedom for unrestricted application extensibility.



## React and Respond in Real Time

As the ability to respond to plant changes is critical to your operation, timely visibility to system alarms and the ability to acknowledge them promptly can significantly reduce costly downtime, enable faster responses, and provide opportunities for a pre-emptive resolution to these situations.

Tag browsers can match a user view of the plant, display navigation allows a user to define page access to match operator needs and detailed engineering pages allow secure access to all configuration data.

# Graphic Editing/Development

## Reusable Standard Applications

You can create applications that adhere to company standards and are versatile enough to be deployed strategically throughout the organisation. Features provide centralised application management environment, a robust centralised security model, extensibility capabilities and built-in diagnostics.

Users also can develop a library of scripts that can be re-used to simplify the application resulting in decreased initial engineering and application maintenance time as well as deployment.

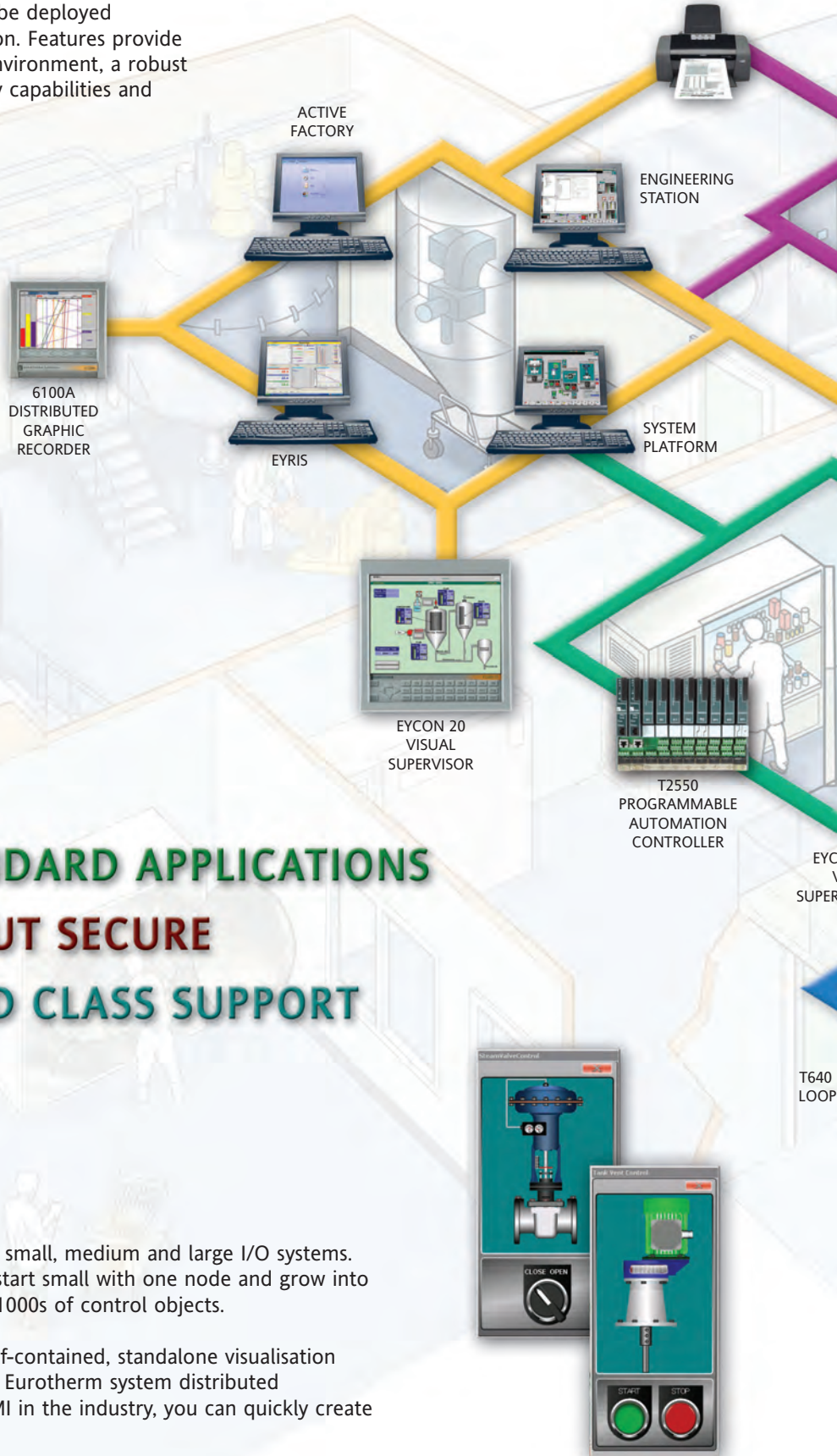
Wonderware technology provides connection to virtually any industrial automation and information system and devices using hundreds of available I/O and OPC servers and Eurotherm provides a high performance I/O server to easily access data from its specialised devices.

**REUSABLE STANDARD APPLICATIONS**  
**FLEXIBLE BUT SECURE**  
**WORLD CLASS SUPPORT**

### Flexible ...

Our solution is as equally applicable to small, medium and large I/O systems. The Eurotherm concept allows you to start small with one node and grow into a multinode, distributed solution with 1000s of control objects.

InTouch 10 software can be used as self-contained, standalone visualisation stations or as an integrated part of the Eurotherm system distributed architecture. As the easiest to learn HMI in the industry, you can quickly create a running application.

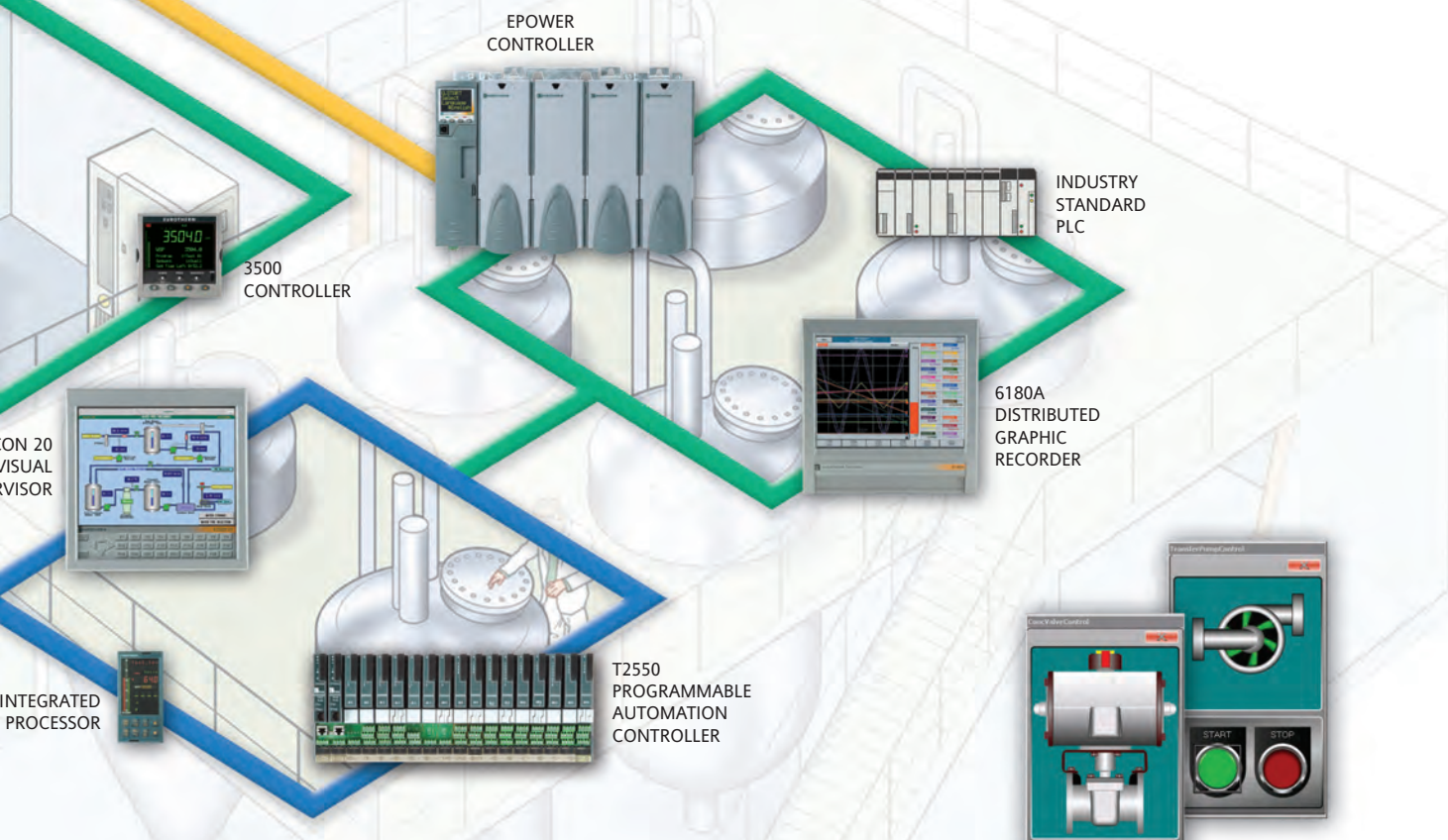


## World-class Products, Customer Support & Services

The extensive hardware range from Eurotherm includes

- **Programmable Automation Controller** cost effective solution with fault tolerant option to provide high availability
- **Visual Supervisors** provide innovative, multi-functional control, recording and visualisation
- **Data Management** providing easy, secure and adaptable data recording
- **Advanced Controllers** give world class excellence in control with clear, user friendly operator interfaces.
- **Power Controllers** single and multi-phase control, differing firing modes and encompassing advanced technologies. Predictive Load Management will help to reduce your energy costs

Eurotherm provides a range of integrated Lifetime Services to ensure optimum performance of your investment including engineering, calibration, commissioning, training and maintenance contracts.



### ... but Secure

In-built features provide secure data storage and control access to any data field which match 21CFR Part 11 expectations for Electronic Records and Electronic Signatures.

The Eurotherm Security Manager ensures write access matches user defined authorisation and can be linked to use Microsoft Active Directory user authentication.

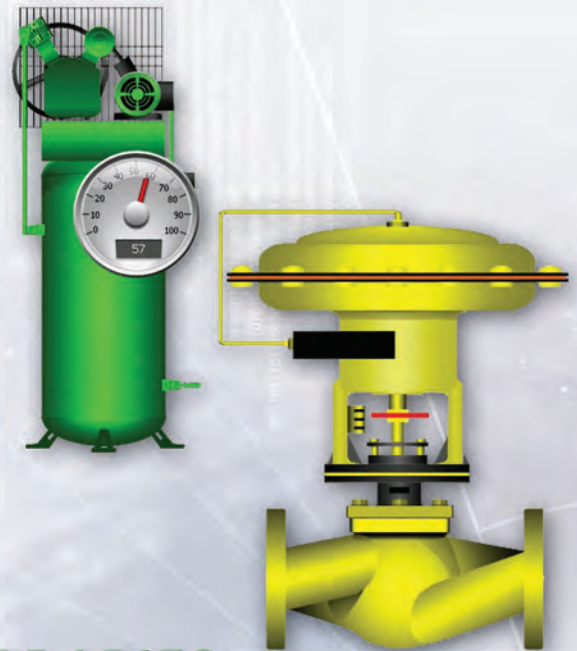
# Eurotherm

## Enterprise-wide Visualisation

Gives power, flexibility and scalability to engineers and developers from the smallest HMI application to the largest enterprise automation network all within a consistent toolset.

- Multi-user configuration features include checkout and check-in of objects and symbols under development
- HMI InTouch 10 ArcestraA graphics

Wonderware InTouch is established as the world's favourite HMI and is used in over one-third of the world's plants, in virtually every country and industry.



## EXTENSIVE SYMBOL LIBRARIES SCALABLE ARCHITECTURE ENTERPRISE VISUALISATION

### Extensive Symbol Libraries

Use of the extensible ArcestraA symbol library provides over 500 professionally designed graphic symbols for your mimics.

A sophisticated graphical symbol editor provides tools to create your symbols and add custom properties.



## Eurotherm Scalable Architecture – No Limits

Eurotherm provides specialised market applications to match its expertise in

- Heat Treatment
- Life Sciences
- Glass
- Plastics
- Water & Waste Treatment

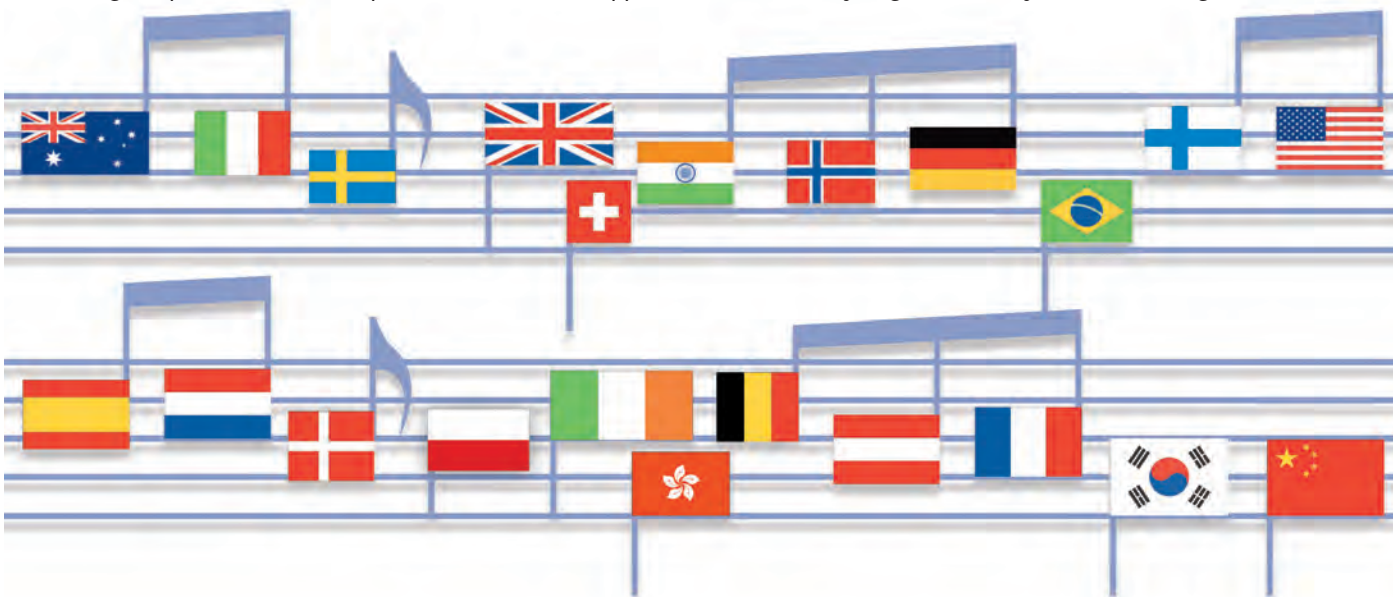


Other software functionality includes:

- **Historian** - large volume plant data historian with arelational database management system, facilitating easy access to plant data using open database standards such as SQL, ODBC and others
- **Information** - data analysis and reporting clients deliver information from the primary information flows found in any manufacturing or industrial operations environment
- **Reporting** – integrated reporting solution for continuous and batch process applications
- **Application** – strategic industrial software application platform that's built on ArcestrA® technology
- **Enterprise** Application Integration (EAI) software features to integrate to the enterprise
- **Configuration** – versatile suite of software tools to allow configuration and monitoring of all Eurotherm devices

# Eurotherm: International sales and service

Understanding and providing local support is a key part of Eurotherm business. Complementing worldwide Eurotherm offices are a whole range of partners and a comprehensive technical support team, to ensure you get a service you will want to go back to.



**AUSTRALIA** Sydney  
Eurotherm Pty. Ltd.  
T (+61 2) 9838 0099  
F (+61 2) 9838 9288  
E [info.au@eurotherm.com](mailto:info.au@eurotherm.com)

**AUSTRIA** Vienna  
Eurotherm GmbH  
T (+43 1) 7987601  
F (+43 1) 7987605  
E [info.at@eurotherm.com](mailto:info.at@eurotherm.com)

**BELGIUM & LUXEMBOURG** Moha  
Eurotherm S.A./N.V.  
T (+32) 85 274080  
F (+32) 85 274081  
E [info.be@eurotherm.com](mailto:info.be@eurotherm.com)

**BRAZIL** Campinas-SP  
Eurotherm Ltda.  
T (+5519) 3707 5333  
F (+5519) 3707 5345  
E [info.br@eurotherm.com](mailto:info.br@eurotherm.com)

**CHINA**  
Eurotherm China  
T (+86 21) 61451188  
F (+86 21) 61452602  
E [info.cn@eurotherm.com](mailto:info.cn@eurotherm.com)

*Beijing Office*  
T (+86 10) 63108914  
F (+86 10) 63107291  
E [info.cn@eurotherm.com](mailto:info.cn@eurotherm.com)

*Guangzhou Office*  
T (+86 20) 38106506  
F (+86 20) 38106511  
E [info.cn@eurotherm.com](mailto:info.cn@eurotherm.com)

**DENMARK** Copenhagen  
Eurotherm Danmark AS  
T (+45 70) 234670  
F (+45 70) 234660  
E [info.dk@eurotherm.com](mailto:info.dk@eurotherm.com)

**FINLAND** Abo  
Eurotherm Finland  
T (+358) 22506030  
F (+358) 22503201  
E [info.fi@eurotherm.com](mailto:info.fi@eurotherm.com)

**FRANCE** Lyon  
Eurotherm Automation SA  
T (+33 478) 664500  
F (+33 478) 352490  
E [info.fr@eurotherm.com](mailto:info.fr@eurotherm.com)

**GERMANY** Limburg  
Eurotherm Deutschland GmbH  
T (+49 6431) 2980  
F (+49 6431) 298119  
E [info.de@eurotherm.com](mailto:info.de@eurotherm.com)

**HONG KONG**  
Eurotherm Hongkong  
T (+85 2) 28733826  
F (+85 2) 28700148  
E [info.hk@eurotherm.com](mailto:info.hk@eurotherm.com)

**INDIA** Chennai  
Eurotherm India Limited  
T (+91 44) 24961129  
F (+91 44) 24961831  
E [info.in@eurotherm.com](mailto:info.in@eurotherm.com)

**IRELAND** Dublin  
Eurotherm Ireland Limited  
T (+353 1) 4691800  
F (+353 1) 4691300  
E [info.ie@eurotherm.com](mailto:info.ie@eurotherm.com)

**ITALY** Como  
Eurotherm S.r.l.  
T (+39 031) 975111  
F (+39 031) 977512  
E [info.it@eurotherm.com](mailto:info.it@eurotherm.com)

**KOREA** Seoul  
Eurotherm Korea Limited  
T (+82 31) 2738507  
F (+82 31) 2738508  
E [info.kr@eurotherm.com](mailto:info.kr@eurotherm.com)

**NETHERLANDS** Alphen a/d Rijn  
Eurotherm B.V.  
T (+31 172) 411752  
F (+31 172) 417260  
E [info.nl@eurotherm.com](mailto:info.nl@eurotherm.com)

**NORWAY** Oslo  
Eurotherm A/S  
T (+47 67) 592170  
F (+47 67) 118301  
E [info.no@eurotherm.com](mailto:info.no@eurotherm.com)

**POLAND** Katowice  
Invensys Eurotherm Sp z o.o.  
T (+48 32) 2185100  
F (+48 32) 2185108  
E [info.pl@eurotherm.com](mailto:info.pl@eurotherm.com)

**SPAIN** Madrid  
Eurotherm España SA  
T (+34 91) 6616001  
F (+34 91) 6619093  
E [info.es@eurotherm.com](mailto:info.es@eurotherm.com)

**SWEDEN** Malmo  
Eurotherm AB  
T (+46 40) 384500  
F (+46 40) 384545  
E [info.se@eurotherm.com](mailto:info.se@eurotherm.com)

**SWITZERLAND** Wollerau  
Eurotherm Produkte (Schweiz) AG  
T (+41 44) 7871040  
F (+41 44) 7871044  
E [info.ch@eurotherm.com](mailto:info.ch@eurotherm.com)

**UNITED KINGDOM** Worthing  
Eurotherm Limited  
T (+44 1903) 268500  
F (+44 1903) 265982  
E [info.uk@eurotherm.com](mailto:info.uk@eurotherm.com)  
[www.eurotherm.co.uk](http://www.eurotherm.co.uk)

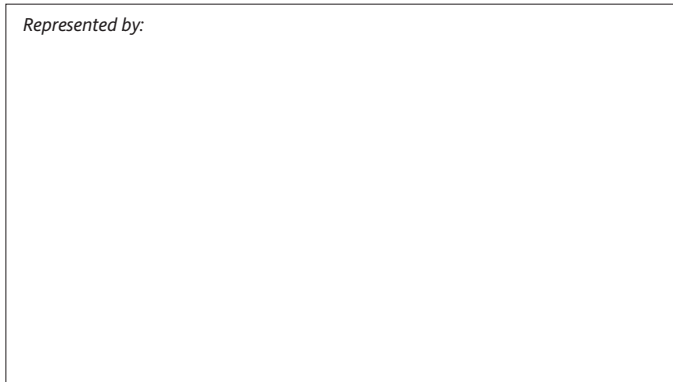
**U.S.A.** Leesburg VA  
Eurotherm Inc.  
T (+1 703) 443 0000  
F (+1 703) 669 1300  
E [info.us@eurotherm.com](mailto:info.us@eurotherm.com)  
[www.eurotherm.com](http://www.eurotherm.com)

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