



**DigiTrace Supervisor functionality**

Device configuration	Individual devices can be configured in either offline or online mode. After confirmation data will be uploaded into heat-tracing control devices.
Online monitoring	DigiTrace Supervisor is capable of monitoring online signals like temperature, ground-fault current, current, voltage of individual controllers or sets of controllers into user-defined groups.
Trending & historical data storage	A trending tool offers user defined trending of heat-tracing data which can be stored into the database on a user-defined time interval and storage mechanism.
Alarm and events	Alarms and events are displayed in a pop-up window on the screen. These can be individually acknowledged by the user. All alarms and events are stored in the database for post-event analyses.
Plant reference model	Heat-tracing circuits can be organised via a model which represents the layout of the plant. It enables easy heat-tracing circuit finding in the entire heat-tracing system.
Enhanced documentation link to device configuration & monitoring utilities	DigiTrace Supervisor offers the possibility to link heat-tracing circuits to design and construction documentation and makes it easily accessible to the user (examples: P&IDs, heat-tracing isometrics).
Data import & export	The Export function allows the user to export system devices and plant documentation, and save the data in an XML-format file which can also be imported.
Reports	Numerous pre-defined reports are available like device configurations, alarms and events (historical and current), user roles etc.
Batch, recipes and event scheduler	Multiple pre-defined heat-trace setting changes can be executed at the same time by using the batch and recipe tool. Batches can be launched manually or automatic at a scheduled date and time or at regular intervals.
System wide data synchronisation	DigiTrace Supervisor synchronises continuously with the controllers in the field. Local changes in the controller will reflect in DigiTrace Supervisor and vice versa.
E-mail on alarm notification	An E-mail service is available for sending notifications to selected users when alarms occur.
Internal user messaging	A build-in messaging tool offers the possibility to have instantaneous communication between DigiTrace Supervisor clients connected to the same DigiTrace Supervisor network.
Multi level security and individual user defined preferences	DigiTrace Supervisor security is based on plant groups, users and roles which offers differentiation between each end-user responsibility, rights and preferences.
Languages	English

**Controller compatibility**

This software is compatible with any of the following controllers that have the appropriate communications interface installed:

- DigiTrace NGC-30 (CRM, CRMS, CT, CTM, RMC,RMM)
- DigiTrace HTC-915 family

**System requirements**

General	<ul style="list-style-type: none"> <li>• CD-ROM drive</li> <li>• 1 or more available serial ports (for master or slave computers that connect to field devices)</li> <li>• A mouse or other compatible pointing device</li> <li>• SVGA display with 800x600 resolution</li> <li>• Microsoft Windows® XP Pro, XP Home or 2000 (slave &amp; client computers)</li> <li>• Microsoft Windows® 2000 Server or Microsoft Windows® 2003 Server (SQL Masters)</li> <li>• Microsoft .NET Framework version 1.1</li> <li>• Network connectivity</li> </ul>
Master server computer	<ul style="list-style-type: none"> <li>• Pentium® 4 – 2.4 GHz or faster (recommended), Pentium® III – 500 MHz (minimum) PC</li> <li>• A hard disk with at least 500 MB of free space (recommended), 150 MB (minimum)</li> <li>• 1 gigabyte of RAM (recommended), 256 MB of RAM (minimum)</li> </ul>
Slave server computer(s) (optional)	<ul style="list-style-type: none"> <li>• Pentium® 4 – 1 GHz or faster (recommended), Pentium® III – 300 MHz (minimum) PC</li> <li>• A hard disk with at least 150 MB of free space (recommended), 50 MB (minimum)</li> <li>• 256 MB of RAM (recommended), 128 MB of RAM (minimum)</li> </ul>

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Client computer(s)	<ul style="list-style-type: none"><li>• Pentium® III – 500 MHz or faster (recommended), Pentium® II – 300 MHz (minimum) PC</li><li>• A hard disk with at least 50 MB of free space</li><li>• 256 MB of RAM (recommended), 128 MB of RAM (minimum)</li></ul>
DTS Database (included in license)	DigiTrace Supervisor Standard edition runs on MSDE. DigiTrace Supervisor Enterprise edition runs on SQL Server 2000

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**Registration**

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DigiTrace Supervisor will run in TRIAL mode for up to 14 days. For more information about how to register within this period, see the DigiTrace Supervisor Heat-Tracing Controller Configuration and Monitoring Software Installation and Operating Instructions (INSTALL-118) or visit <http://www.tycothermal.com/digitrac supervisor>.

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**Communication**

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ModBus protocol via:

- TCP/IP
- RS-232
- RS-485

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**Ordering Details**

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<b>Product Name</b>	<b>Description</b>	<b>Part Number</b>	<b>Remarks</b>
DT2-Std	DTS V2.1 – Standard Edition	H57325	registration required after 14 days
DT2-Enterprise	DTS V2.1 – Enterprise - base package (master + 2 slaves + 5 users)	10391-010	license required
DT2-Upgrade/Slv	DTS V2.1 – Slave server upgrade (two additional slave servers)	10391-011	license required
DT2-Upgrade/Usr	DTS V2.1 – User upgrade (five additional users)	10391-012	license required

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