



Tracer™ XT

Creating energy-efficient high performance data centers



Trane and GE Intelligent Platforms collaborate to improve operational, energy and environmental performance

Optimizing your data center is an important facet of managing your business, especially where indoor environmental conditions are critical. Tracer™ XT combines Trane industry-leading Tracer building controls systems with GE Intelligent Platforms' Proficy Software Platform for visualization, advanced analysis and modeling, remote monitoring and diagnostics. Users stream real-time analytics through the Tracer XT dashboard, providing data center managers a more comprehensive view of facility operations. With easy-to-manage data

integrating HVAC, power, lighting, safety and more, facility managers can run their building more efficiently.

Designed for your business

This innovative software application can be tailored to enhance your business. The dashboard is completely customizable, software is scalable and data collection is variable. User-specific interfaces even allow for faster decision-making with key performance indicators constantly streaming. Tracer XT can also help increase your ROI through balancing energy use and cooling requirements with energy efficiency to optimize building performance.

Data that means more for your business

With analytics constantly streaming from seemingly boundless systems and devices, Tracer XT simplifies your job, by translating high-level data into practical and actionable information. Using dynamic and historical trends, Tracer XT is able to identify areas of improvements and identify the root cause of any issues. With endless information at your fingertips through a web-based interface, you can readily make building decisions to lower costs and move closer to zero downtime.

Strategies to maximize uptime

Tracer XT has high performance redundancy capabilities that allow your system to continue to operate in the event of a hardware or software failure. The software also uses critical alarms as a preventative measure in keeping your systems continuously up and running. With so much information, you have a greater chance at identifying a potential problem before it becomes serious, saving you money and headaches.

Tracer™ XT packages

The Tracer XT package includes a single CD containing all software and hardware license key(s) based on the size of the package.

	Central Cooling Plant	Central Cooling Plant Plus	Larger Systems
I/O point count	700	1500	35000
Historian trending tags	200	300	600
Global view user licenses	3	5	5

Specifications — Tracer™ XT Server*

Hardware requirements

- 2.4 GHz Intel Core family
- 2 GB RAM
- 500 MB of hard drive space for installation
- 250 MB of additional free drive space

Software requirements

Compatible Operating Systems

- Windows Server 2003 SP2 (32-bit or 64-bit)
- Windows Server 2003 R2 (32-bit or 64-bit)
- Windows Server 2008 (32-bit or 64-bit)
- Windows Server 2008 R2

Web server

- Microsoft Internet Information Services
- Web server 6.0, 7.0 or 7.5
OR
- Apache web server 2.2.15

Virtual machines

Supported on the following virtual machines:

- VMWare ESX 3.5
- VMWare ESX 4.0

Specifications — Tracer™ XT Client

Hardware requirements

- 2.4 GHz Intel Core family
- 1 GB RAM
- 250 MB of hard drive space for installation

*Required for Tracer XT—Larger Systems



Ingersoll Rand (NYSE:IR) is a world leader in creating and sustaining safe, comfortable and efficient environments in commercial, residential and industrial markets. Our people and our family of brands—including Club Car®, Ingersoll Rand®, Schlage®, Thermo King® and Trane®—work together to enhance the quality and comfort of air in homes and buildings, transport and protect food and perishables, secure homes and commercial properties, and increase industrial productivity and efficiency. We are a \$14 billion global business committed to sustainable business practices within our company and for our customers.

Software requirements

Compatible Operating Systems

- Windows XP Professional SP3 (32-bit)
- Windows 7 Professional (32-bit or 64-bit)
- Windows Vista® Professional (32-bit or 64-bit)
- Support for Java v6.0 (provided)

Additional software

- Microsoft Internet Explorer 7.0 or 8.0
- Adobe® Acrobat® Reader 8.0 or 9.0

System Benefits

Critical Process Cooling

- Industrial control for your critical process cooling
- Multiple system and equipment control configurations available

Visualize your site

- Complete 3D Graphics Library of HVAC equipment including mapped data points
- Built in dashboards and visualization templates
- Key Performance Indicator (KPI) dashboard display templates

Industrial Database

- Collect and display data effortlessly
- High data compression
- High speed data retrieval (200k samples/sec)
- Redundancy for high availability

Flexible Architecture Options

- Client/server architecture – highly scalable, including easy to use redundancy scheme configuration tools
- High availability (redundancy, cluster, process health)
- Multi-processor support
- Redundant Ethernet communications and I/O LANs

Access and understand your systems

- Multiple viewer options including mobile devices
- Powerful alarm management
- Remote configuration and viewers
- Easy access to information over the web

Integration made easy

- Fully integrated BACnet interface
- Multiple and simultaneous device communications
- Over 100 protocol drivers available
- Modbus fully supported
- OPC and native high performance device communications are available