



TracerTM ES

The Web-based solution for enterprise-wide control



Efficiently manage multiple buildings from virtually anywhere — with one system



The powerful Tracer™ ES building management solution gives you an enterprise-wide view into all your building control systems — whether you have two buildings or hundreds. The tools and information available with Tracer ES are easy to use and easy to access, resulting in greater productivity, reduced costs and better building management for your entire enterprise.

With Tracer ES, there's no more running from building to building. Just log in to view your entire operation and instantly see all of your building systems throughout your facilities. Manage and respond to alarms, change setpoints and modify schedules with just a few clicks from a single access point — an efficient solution that helps ensure the safety and comfort of building occupants.

Standard navigation presents the right information where you need it, enabling you to respond to problems more quickly. Tracer ES is also easily customized to meet your specific facility management needs, and the wealth of information it provides can be tracked, stored and analyzed over years, to ensure building performance and efficiency.

Web access from virtually anywhere with an Internet connection results in efficient building management and support, so you can quickly respond to unexpected events — no matter where you are. Tools such as industry-leading graphics, intuitive navigation and a flexible search function help you significantly reduce response time addressing issues across even large enterprises, making you and your staff more efficient.

Enterprise information at your fingertips



Manage buildings as easy as surfing the Web. With remote building management via Web access from most common mobile devices and computers, you can quickly and easily manage any issues, including alarms, scheduling and occupant comfort — no matter where you are. You're no longer tied to a specific workstation to access your building system.

Navigation is a breeze. Standard navigation puts all the right information just a click away, allowing you to view and navigate your building information more easily than ever before. Use this readily accessible information to make changes to your building systems with just a few clicks. Manage alarms, change setpoints, adjust schedules and view data logs from one easy-to-navigate page.

Rapid alarm response. You can view individual alarms or alarms by group, eliminating noise and allowing you to focus on critical issues. Use alarm grouping to view and manage your building alarms like email, for a more user-friendly experience that enhances efficient facility management.

Adjust scheduling quickly. Simplified scheduling makes it easy to make adjustments for a single schedule or across multiple buildings. With just a few clicks, and the ability to drag-and-drop to make changes, you can quickly adjust schedules across your enterprise, boosting productivity and ensuring continual occupant comfort and building efficiency.

Easy connection and flexibility



Integrating differing systems with a single platform opens up your possibilities, and provides the ability to connect other building systems like lighting, fire and security for improved control. No more proprietary systems that don't play well with others, or lock you into their technology with expensive upgrades. Regardless of equipment vintages — both Trane and non-Trane brands — you can integrate existing equipment with new technologies and capabilities, into a single user interface. Get consistency and optimization of your building management across your enterprise, for ease of training and use, leading to greater efficiency and productivity.



Tracer™ ES securely integrates with your existing IT infrastructure, and its standard operating systems let it reside as the ideal IT citizen on your network. It's easy to install and set up, because the auto-recognition and self-configuration feature searches your entire building, locating all BACnet systems and components. Once located, Tracer ES automatically creates its own Web pages that add graphics and display status, schedules, trends and alarms — resulting in greater ease of use and flexibility for you. User management is simplified, even for managing multiple user accounts, thanks to user groups and active directory capability.

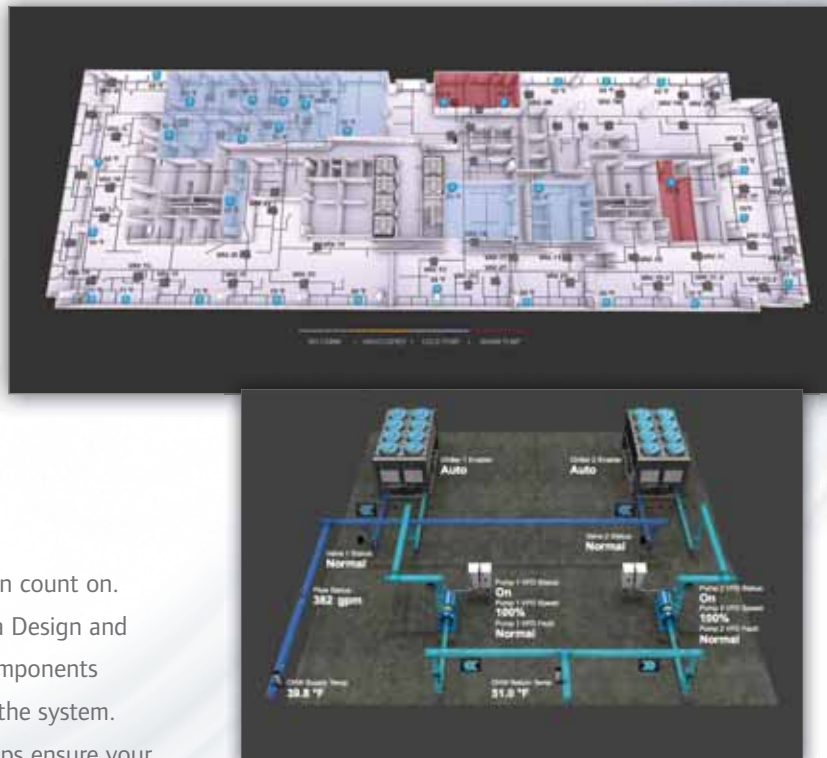
As your buildings and systems evolve over time, you can easily update Tracer ES from one central point, instead of having to update each and every workstation.

The flexibility and adaptability provided by this solution helps position you for future changes or expansion — whatever the future may bring — while protecting your existing infrastructure investment with a flexible migration path.

Customize it to your exact needs

With Tracer ES, navigate through all levels of your facility by clicking on an image of your building, room or piece of equipment, for greater control and usability. Industry-leading standard and custom graphics enable you to view the status of a facility or to change setpoints or schedules easily and quickly, and user preferences can be tailored to your specific needs for complete customization of the building management experience.

This technology is backed by support you can count on. With every Tracer ES solution, Trane creates a Design and Implementation Plan that includes all the components necessary for you to successfully implement the system. Ongoing support from an industry leader helps ensure your success and productivity with the system.



Tracer ES is available in three scalable installation options, ensuring there is one to meet your business needs and budget:



TRACER ES FULL

- Large-scale solution that leverages your existing IT resources
- Install Tracer ES on your server — an option well-suited to large customers such as hospitals, retail and higher education
- Installed behind your firewall and managed with your IT resources
- Provides long-term data storage for validation, certification, benchmarking and analysis



TRACER ES EXPRESS

- Easy installation for smaller projects
- Pre-installed on a computer provided by Trane; a plan and spec workstation suited for medium to small buildings
- Ideal for sites where no server or IT support is available
- Limited to five concurrent users, and fixed long-term storage capability
- Add system maintenance and database backups to your service agreement



TRACER ES HOSTED

- Software as a Service (SaaS) option
- Software hosted in the cloud and managed by Trane
- Connected to your systems but doesn't require you to have a server or IT support, for reduced up-front costs
- Enables automated backups and upgrades
- Can be scaled to meet the needs of small or large customers

Powerful data comparison and analysis

With Tracer™ ES, you can collect and analyze data across all your buildings and report out key metrics to help improve efficiency and performance.



- Collect historical data from existing building control systems, to gather invaluable information for optimal operation of your enterprise. You can use this data for a variety of purposes — from monthly energy usage reporting to equipment troubleshooting.
- Set up data logs directly from the building, system or equipment status pages. A data log setup wizard guides you through the easy-to-understand process and provides flexibility for the length of storage — either by timeframe or number of samples.
- Built-in reporting capability with Tracer ES allows you to intuitively display your system data. Measure and compare building performance across assets and time periods with custom reports, and track and verify energy usage and savings. The reporting tool also can perform complex data calculations without the need for custom programming.
- Reports can be scheduled to run at regular intervals and emailed to key stakeholders, increasing productivity and providing insight into building operations across the enterprise.
- Tracer ES provides all this building information, and gives you the ability to export the data into a user-friendly format, making it easy for you to understand the information and communicate it to others for more effective building management.

These advanced reporting capabilities, along with the ability to track and store long-term data, means you can monitor and review building and system performance information over a longer period of time — years compared to months. Performance comparisons across your enterprise can help improve your benchmarking and efficiency efforts, to show where your systems are working, and where they may need to be improved.

A sound investment today and tomorrow



As your buildings and solution continue to change and advance, count on Trane to be a trusted partner that meets your needs with solutions for today — and helps prepare you for whatever comes tomorrow.

Tracer ES is a building automation system that dramatically simplifies the complex requirements of managing and operating multiple facilities, resulting in greater efficiency and high-performance buildings across your enterprise. It's easy to install and use, adaptable to your needs, and can integrate a wide variety of systems both old and new.

With immediate Web-based access to your entire enterprise from virtually anywhere, you don't have to be everywhere to control everything with Tracer ES.

Visit Trane.com/TracerES or contact your local Trane account manager to learn more.

Scan the code or visit
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to learn more.



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