



Connected Solutions and Building Optimization



Building managers today balance fluctuating budget constraints, shifting regulations and increasing comfort demands by building occupants. We now live in an immediate gratification world, which is changing the way

buildings are managed. Due to this emerging reality, making the right facility investments is critical. Trane is showcasing the latest technology and our expertise in building and energy management systems that help facility managers optimize their buildings to reduce energy use, trim waste, improve system reliability and shrink their buildings' environmental footprint. With 6,500 connected buildings in the U.S., Trane has established itself as an industry leader in building management solutions.

Industry challenges

- **Budget constraints** — Whether it's a reduced budget or fewer staffing resources, building managers face mounting pressure to do more with less while improving building efficiency and productivity.
- **Occupant expectations** — Keeping building occupants comfortable and healthy is a fundamental driver for building managers, but ensuring those spaces can adapt to occupant needs is a growing area of need.
- **Building optimization** — Achieving sustainability goals is driving demand for solutions that track and document building efficiency and performance data that aids in reducing energy costs and maintaining building optimization.

Addressing industry challenges

- **Improving building performance** — Trane combines a core expertise in building systems and services with technology and advanced analytics to provide customers with solutions that enable operational improvement opportunities.
- **Efficient building management** — Trane building management systems are designed to deliver optimized coordination and control of HVAC and other systems, helping building managers more easily and efficiently manage their building systems — and improve their bottom line.
- **Leveraging building data** — Trane Energy Services provides a comprehensive set of energy management solutions that leverage monitoring, analysis, alerts, reporting, and data visualization of building and energy system information, which gives building managers a powerful tool to meet sustainability and business objectives.

Products

- **The Trane® Tracer® Ensemble™** building management system provides an enterprise-wide view into multiple systems. This functionality allows building managers to optimize building performance, and effectively monitor and coordinate environments as well as building systems.
- **Trane® Air-Fi™ wireless communication** provides flexibility to a building automation system by giving building managers the ability to easily reconfigure spaces as technology and building needs evolve.
- **Trane Intelligent Services** offers building managers a complete energy management solution for their facilities that improves building performance and sustainable operations and reduces operating costs.