



It's Time to Rethink Sustainability

Turntide Technology for Sustainable Operations

Conserve energy, reduce operating costs,
and boost your bottom line.

Turntide for Buildings™

Challenges in a Changing World

Building operations management is becoming more complex than ever as companies navigate the competing priorities of lowering operating costs, meeting health and safety guidelines, and providing an optimal experience for customers and employees. When you also factor in shifting work patterns, compliance issues, and sustainability goals, having access to reliable data across all your systems and facilities becomes crucial.

Monitoring energy usage and maintaining equipment health across multiple building sites is time-consuming and often still reliant on expensive truck rolls and site visits. Even with the recent introduction of smarter equipment, important data is often underutilized. The team gets overwhelmed with the number of system alerts, and notifications and critical data get lost in the noise. This has led to increased downtime, poor customer experience, and increased operational costs due to equipment failure and energy waste.



A Bold New Approach to Sustainability

Turntide's breakthrough sustainability technologies drive down energy consumption and operating costs in buildings, boosting bottom lines and accelerating a global path to 100% clean energy.

- ✓ Meet your sustainability goals
- ✓ Optimize your customer experience
- ✓ Reduce compliance and operations risk
- ✓ Transform how your business uses energy
- ✓ Create immediate and long-term savings

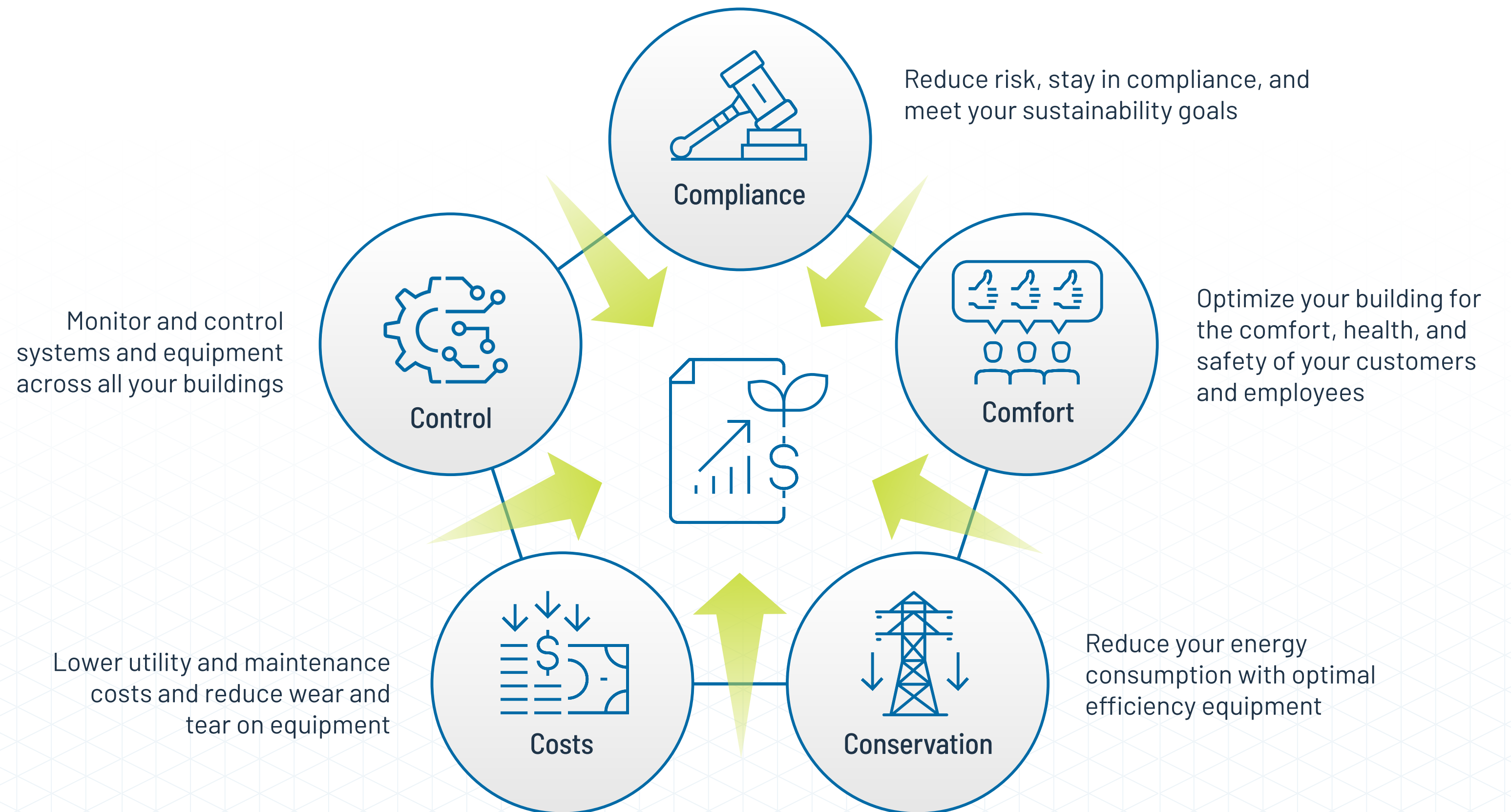
Centrally monitor and manage a large portfolio of buildings and assets all in one place.

With digital facility management, triage, and smart notifications, you can lower your operational costs while optimizing for energy efficiency and customer and employee comfort. With smart connected equipment and improved error detection and diagnostics, you can decrease downtime, reduce maintenance costs with fewer truck rolls, and extend the life of your equipment. The result is continuous savings in energy and maintenance costs that can be put on autopilot with schedules and set point rules.

Turntide Technology for Sustainability and Accelerated Growth

Turntide provides a solution for sustainable operations that combines our Smart Motor System™ with building controls and intelligence that work with your existing BMS platform and other systems.

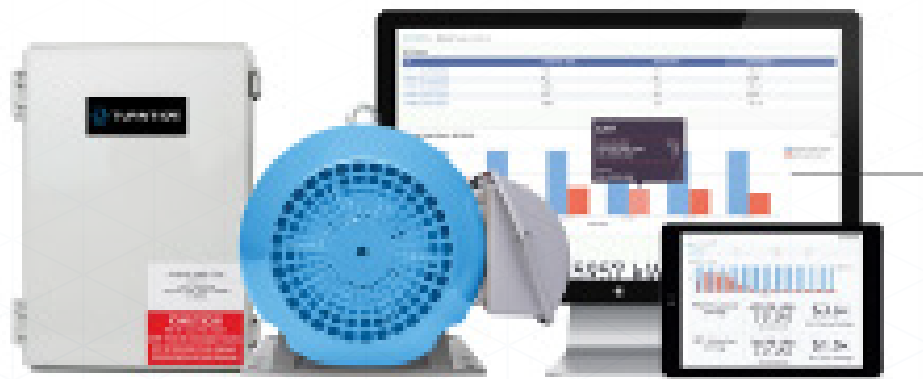
Unlike other solutions, Turntide attacks waste and inefficiency at every level by bringing together optimal efficiency equipment, building controls, intelligence, and enterprise-level management. Our comprehensive drop-in solution works with most leading building automation platforms, making it easy to get started and allowing you to drive more value from your existing technology investments.



Introducing Turntide for Buildings™

Smart Motor System

- Optimal Efficiency Motor™ slashes energy consumption
- Motor Controller provides algorithmic control and intelligence for HVAC monitoring
- Turntide app lets you remotely monitor and manage the motor and sensors with alerts and share service requests



Smart HVAC

- Monitor and control HVAC and Smart Thermostats with BACnet integration
- Smart notifications via text and email for smart routing, prioritization, and escalation
- Troubleshooting tools like trends, charting, and playback features



Smart Building Operations

- Building equipment management including metering, lighting control, monitoring indoor air quality (IAQ), and temperature monitoring in refrigeration and coolers
- Visibility and intelligence with customized reports you can create for compliance, executives, field teams and more
- Remote management & service support with intelligence, smart notifications, and alerts to prevent downtime



Add-On Services and Integrations

- Professional services for custom dashboards, graphics, floorplans, and reports
- Integration to 3rd-party applications and services for work order management, utility demand response programs, billing, and integration



The Turntide Difference



Reduce your energy consumption by upgrading to smart connected equipment for immediate savings and maximum impact from your energy conservation measures.

Energy efficient Smart Motor System™

The intelligent and reliable Smart Motor System operates more efficiently than VFDs, reducing energy consumption in HVACs by an average of 64%.

More savings potential than LED

Motors and mechanical systems use 2x more electricity than lighting, often accounting for more than half of the electricity used in buildings and resulting in huge potential savings when optimized.

No magnets or rare earth materials

Keeping rare earths out of our products eliminates both the supply chain risk and environmental damage and also lowers costs.

Standard dimensions for easy installation

Cost-effective retrofits are easy with standard motor dimensions.

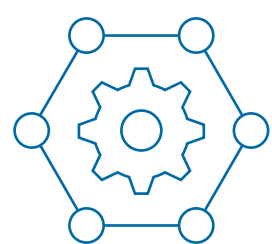
Advantages of the Smart Motor System

Conserve energy with the optimal efficiency Smart Motor System. Powered by software and precise motor control algorithms, the Smart Motor System allows you to monitor and communicate with HVAC equipment and other systems.



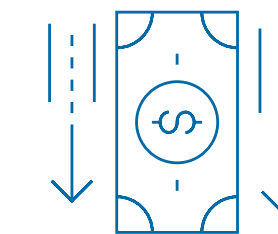
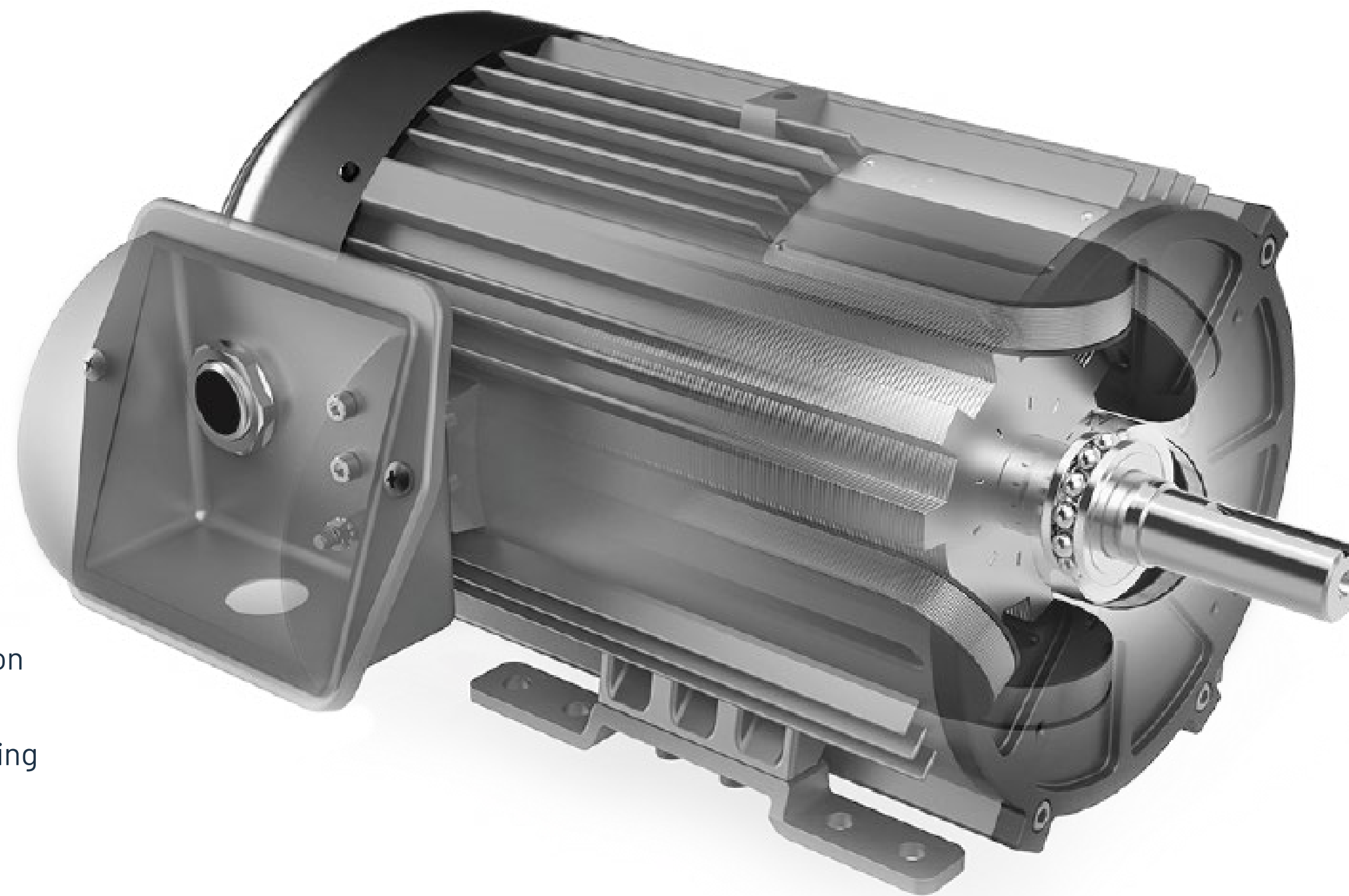
Intelligence

Continuously improves in reliability and capability, providing an investment that gets better and smarter over time



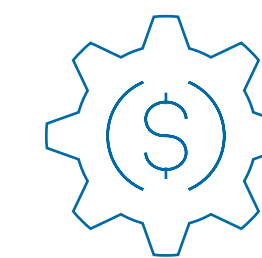
Simplicity

Integrates seamlessly as a drop-in solution to existing HVAC systems, providing a friction-free retrofit to help you start saving energy and money immediately



Efficiency

Reduces HVAC system energy use by 64%, slashing building operating costs



Reliability

Eliminates failure modes commonly found in other motor designs, reducing overhead wasted on maintenance

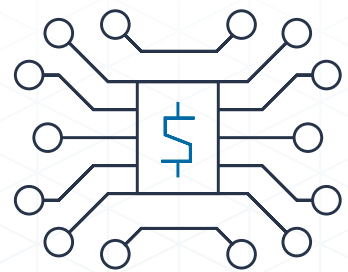
Building Control and Intelligence

Drive continuous energy savings that go straight to your bottom line and increase the efficiency of your operations by intelligently monitoring and controlling all your systems in one place.



Convenient mobile app

Remotely monitor HVAC, lighting, and other systems across all your assets for real-time visibility and control 24/7/365



Connected intelligence

Connect older existing assets and make the most out of smart assets so you can pre-program strategies to:

- Adjust for high or low occupancy
- Control setpoints for pre-cooling/heating



Alerts and remote diagnostics

Avoid surprises with automatic alerts, notifications, and remote diagnostics so that you can make more efficient maintenance decisions and better use of labor



Multi Site Management Made Easy

Get visibility across all locations, reduce operational risk by scaling efficiency measures, identify problems remotely, and prevent downtime.



Remote management and service support

Centrally monitor and manage a large portfolio of buildings and assets across your entire organization with global controls and schedules.



Portfolio visibility and Intelligence

Measure KPIs at the executive, regional, and equipment levels and create custom reports with the data you need for optimization and compliance.



Optimization and Automation

Get the data you need to develop energy optimization strategies, set points and global schedules that can be automated and rolled out across your entire portfolio.



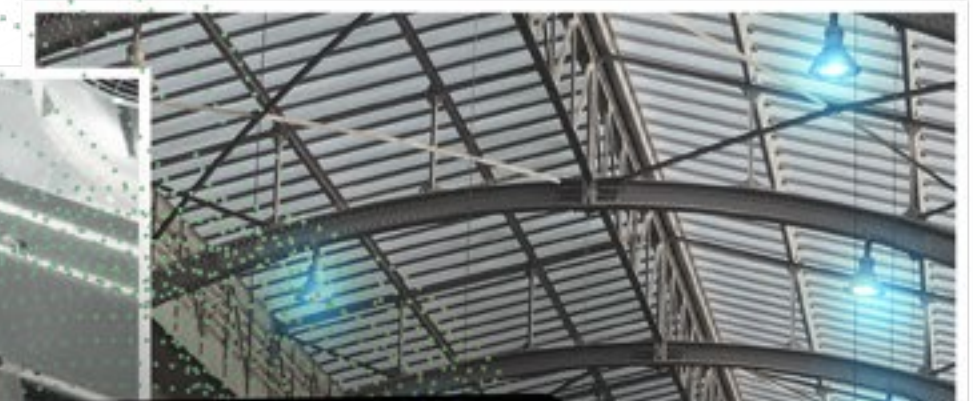
Interoperability with existing equipment

This drop-in solution works with most leading BMS systems and integrates with 3rd-party tools, and applications.

San Francisco, California



Seattle, Washington

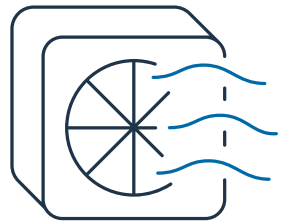


Topeka, Kansas



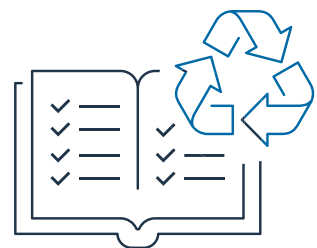
Safety, Compliance, and Corporate Social Responsibility (CSR)

Stay in compliance with health and safety regulations to protect your customers, employees, and brand.



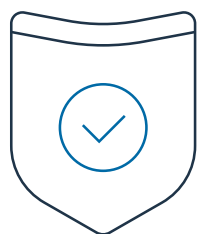
Monitor indoor air quality (IAQ)

Monitor indoor air quality to improve energy efficiency and employee comfort.



Avoid operational risk

Adhere to corporate and compliance standards and manage operational risk with digital record management, audit trails of user changes, IT standardization, and network security.



Strengthen your brand and be an industry leader

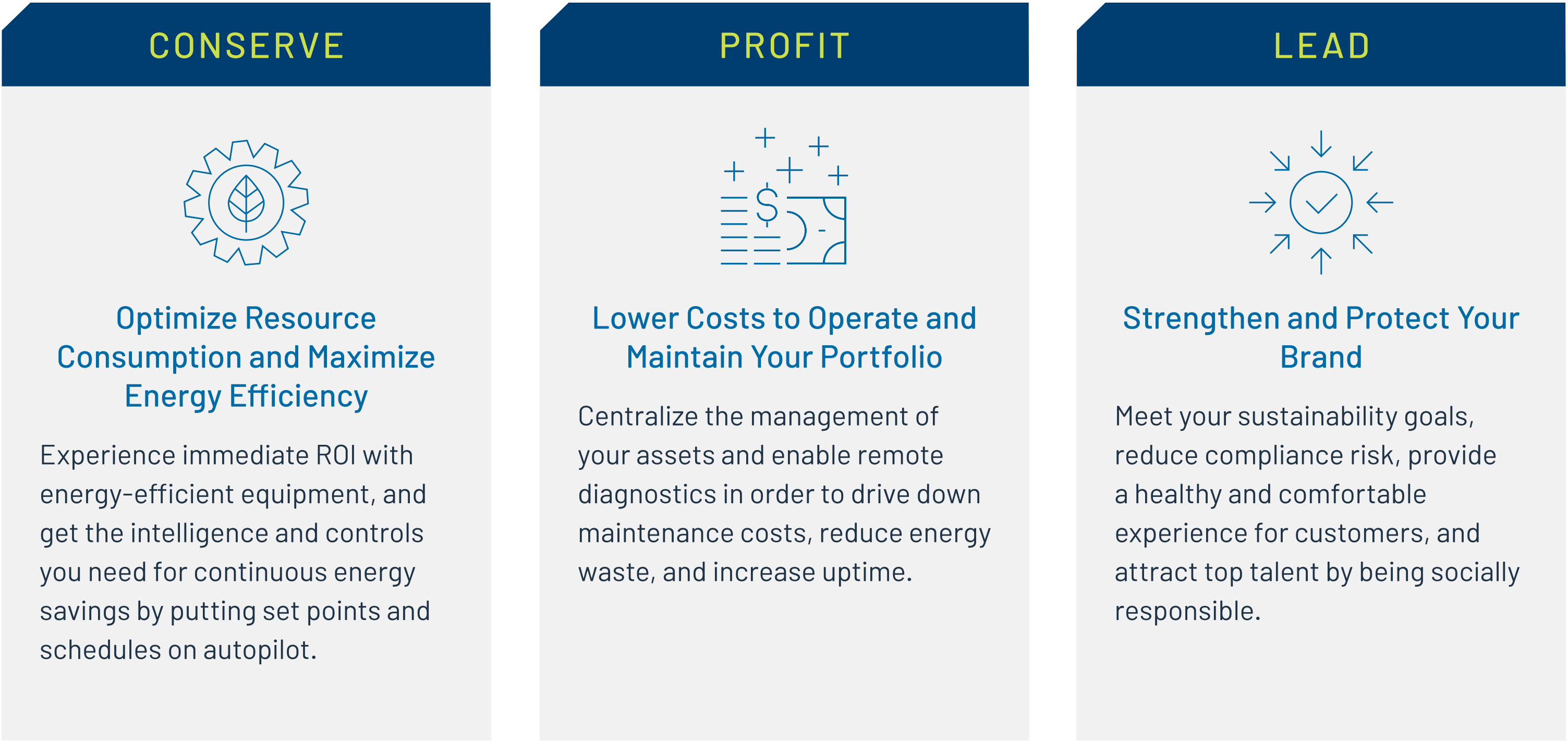
Highlight your strong commitment to sustainability to position yourself as a leader in your industry, increasing revenue and your ability to attract and retain top talent.



Improve business resilience

Use insights and intelligence across your organization to respond to change quickly and at scale.

Accelerate your business with sustainability



Save with utility rebates and see faster ROI

We can help you take advantage of utility rebates that can significantly lower your costs and help you see a faster return on your investment.



Turntide for Buildings™ delivers:



Deliver value for the entire team

More than just a smart motor - a sustainability solution that delivers benefits across your entire organization

C-Suite

Continuous savings that go right to the bottom line

Corporate Sustainability Officer

A total sustainability solution with reporting and insights

Facilities Management

Visibility for improved operational efficiency and troubleshooting

Energy Manager

More efficient equipment, reduced waste, and visibility of energy usage

Maintenance & Service Providers

Remote diagnostics and alerts to pinpoint issues at the device and building level

Human Resources

A reputation as a socially and environmentally conscious brand that helps attract top talent

Employees

A safe work environment and an employer who cares

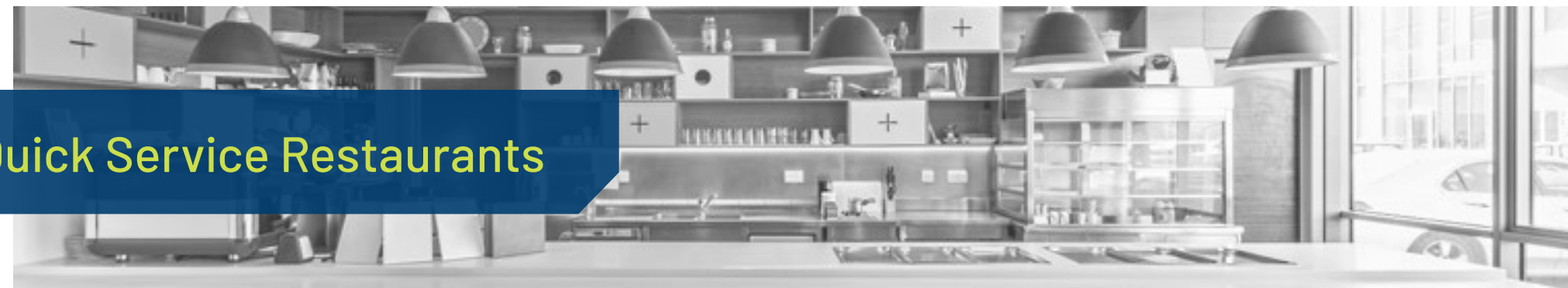
Customers

A brand aligned with their values and safety concerns



Use Cases for Turntide's Technology for Sustainable Operations

Quick Service Restaurants



Lower operating costs, meet health and safety guidelines, and provide an optimal experience for customers and employees by managing temperatures in the kitchen and dining areas and maintaining good air quality.

Retail Stores



Reduce operating costs and improve energy efficiency without sacrificing customer and employee comfort.

Warehouses



Improve energy efficiency by turning off or controlling equipment on an optimized schedule when areas are unoccupied without sacrificing safety or productivity.

Automotive



Reduce operating costs by monitoring and controlling systems like HVAC and lighting to adjust to changing conditions and increase energy efficiency.

Use Cases for Turntide's Technology for Sustainable Operations

Banks



Demonstrate a commitment to sustainable business practices and provide an optimal customer experience across branch locations while improving energy efficiency and reducing operating costs.

K-12 Schools

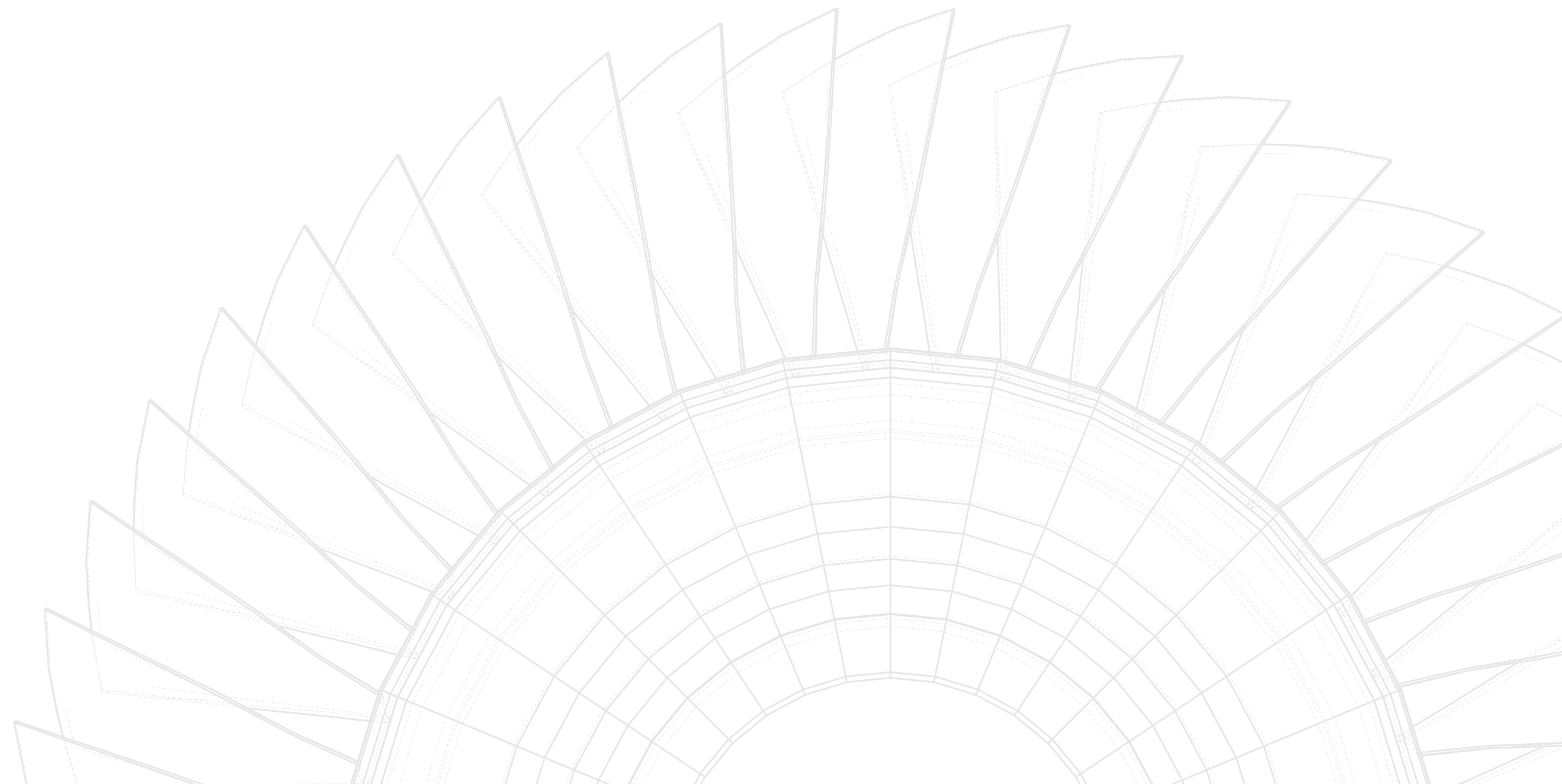


Ensure student and teacher comfort, safety, and security with building monitoring and control systems designed to improve energy efficiency and reduce operating costs.

Grocery/Big Box



Operate within extremely tight profit margins while ensuring customer comfort, complying with regulations, and meeting sustainability goals.



Risks of not evolving your sustainability strategy

- ⊗ Energy inefficient equipment, deferred maintenance, and aging infrastructure can cause downtime and increased maintenance costs.
- ⊗ Failure to address health and safety regulations and act socially and environmentally responsible can cost you business and customer loyalty.
- ⊗ Limited oversight across your entire facilities increases operational risk.
- ⊗ Rebates for significant savings may no longer be available.
- ⊗ Peak pricing and demand charges may get locked in for a whole year, resulting in increased energy bills.
- ⊗ Government regulations are changing, and you may risk fines if you are not in compliance.

Schedule a Consult

Speak with our team to learn more about how Turntide for Buildings™ can help you drive down energy costs, protect the health and safety of your students and teachers, and meet your sustainability goals.

Contact

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CLICK HERE TO CONTACT US

