

# Technology for Sustainable Operations

A convergence of forces is driving the need for companies to rethink what sustainability means to their business. From increased regulations for the health and safety of customers and employees, to economic factors such as rising energy costs and advanced technologies becoming more affordable, conditions are changing. Being a sustainable business is becoming crucial to staying competitive and attracting top tenants and talent.



## Conserve

### Optimize Resource Consumption and Maximize Energy Efficiency

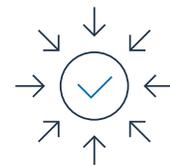
Experience immediate and long-term ROI by upgrading to energy-efficient equipment, putting your schedules and setpoint rules on auto-pilot, and maximizing utility rebate programs.



## Profit

### Lower Costs to Operate and Maintain Your Portfolio

Centralize the management of your assets and enable remote diagnostics in order to drive down maintenance costs, reduce energy waste, and increase uptime.



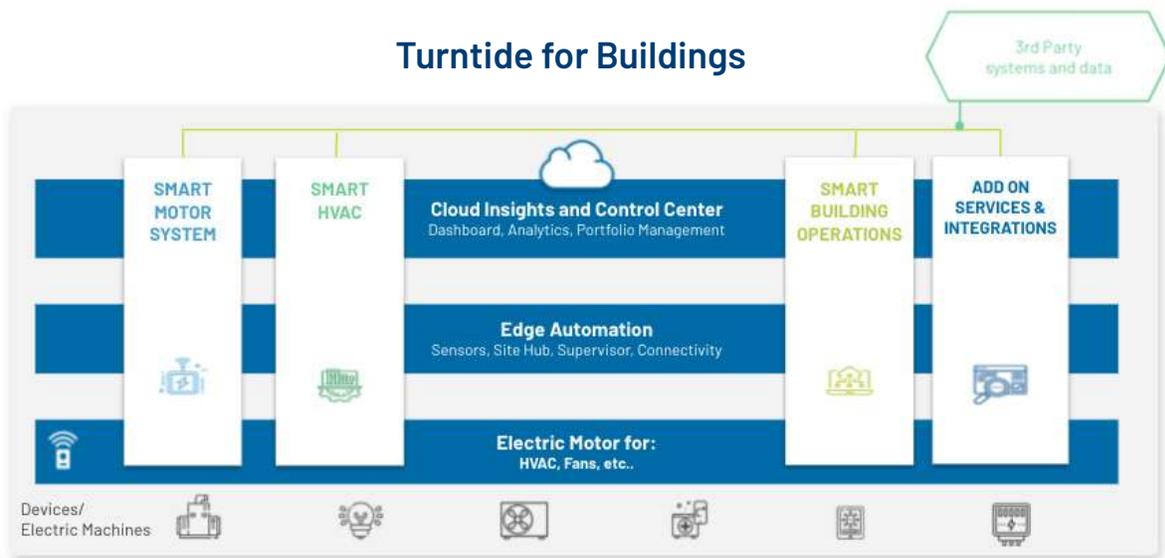
## Lead

### Strengthen and Protect Your Brand

Meet your sustainability goals, reduce compliance risk, provide a healthy and comfortable experience for customers, and attract top talent by being socially responsible.

Turntide for Buildings **optimizes energy use, boosts bottom lines, and strengthens brands.** Designed with Turntide's Smart Motor System™, which reduces HVAC energy consumption by an average of 64%, it merges automation, cloud insights, and controls, so facilities managers can easily optimize their equipment, assets, and building portfolios.

# Turntide for Buildings



## Smart Motor System™

The Turntide Smart Motor System is a drop-in RTU retrofit that reduces overall energy use by up to 64% through an optimally efficient motor system, built with connectivity to add intelligence to legacy units.



## Smart HVAC

Turntide makes it easy to monitor and control HVAC with intelligence, with HVAC applications and hardware to improve service workflows, and reduce HVAC energy use and maintenance costs.



## Smart Building Operations

Turntide enables remote, multi-site management across your building portfolio, by merging fragmented platforms and systems into one simplified view.



## Add On Services and Integrations

Turntide can help further optimize workflows through API cloud integrations, and make your data more meaningful through customized dashboards and reports.



### Cloud Insights and Control Center

The Turntide App makes 24/7 remote management of equipment, systems, and sites easy and intuitive, managed from the cloud through a mobile or web application



### Edge Automation

Turntide Edge consists of edge equipment and devices such as sensors, hubs, and other equipment that are set up to be connected, monitored, and controlled in the cloud



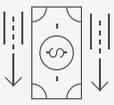
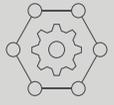
### Electric Motor

Turntide motors are designed with optimal device physics, running on patented motor control algorithms to bring significant reduction in energy savings and utility bills

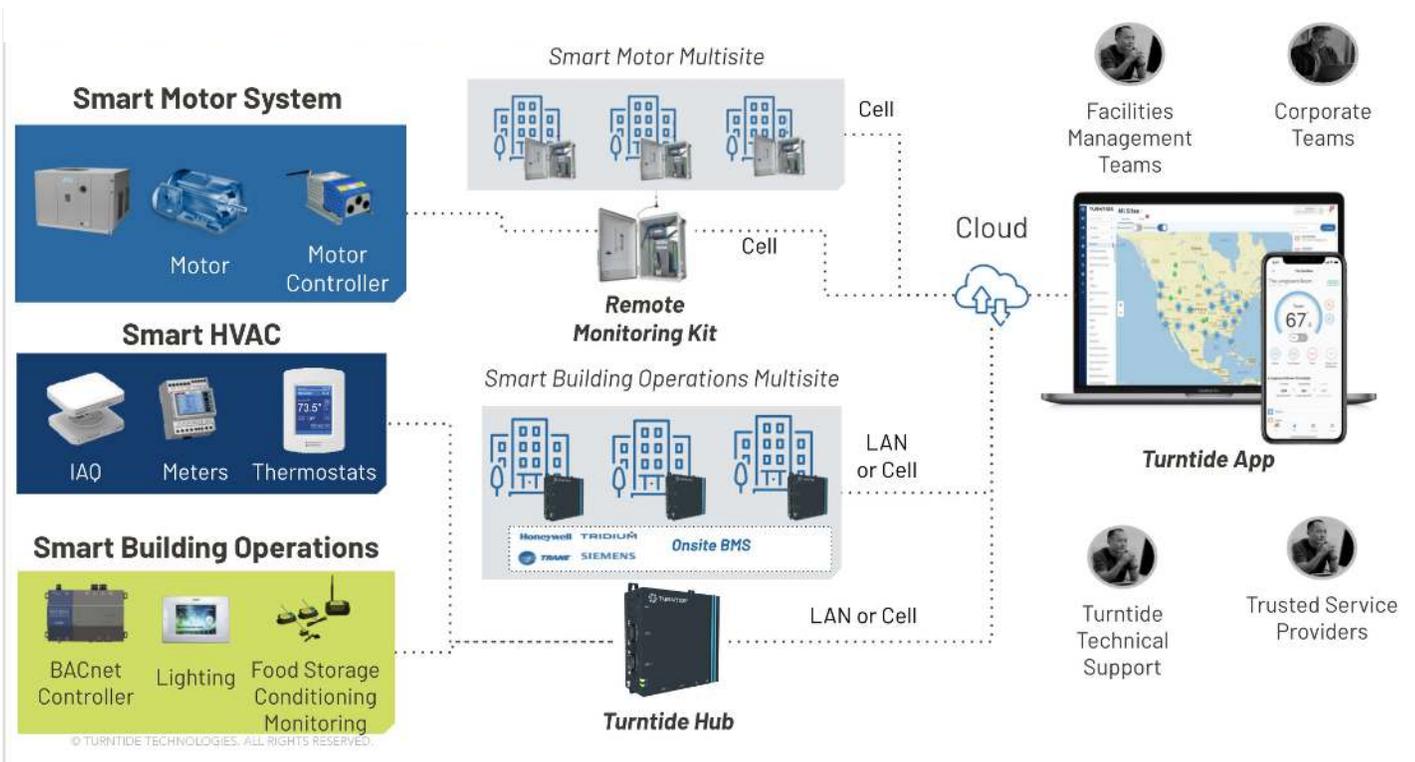
## What's Included

Component	Name	Smart Motor System	Smart HVAC	Smart Building Operations	Add On Services and Integrations
Turntide App	Turntide App Subscription	X	X	X	
Turntide Edge	HR-SRM Motor and Motor Controller	X	X	X	
	Motor Controller	X	X	X	
	RTU Kit	X	X	X	
	Remote Monitoring Kit (1-year service included)	X	X	X	
	Turntide Hub		X	X	
	Turntide Parts Kit (thermostats, sensors, controllers)		X	X	
	Cell Router for Hub (Optional)		X	X	
Data and Analytics	Dashboards and Reporting	X	X	X	Customizations available
	Programming Services	X	X	X	
	Cloud Integrations via API				X

## Business Outcomes

Outcome	Description	Smart Motor System	Smart HVAC	Smart Building Operations
 <b>Reduce Carbon Emissions</b>	64% average reduction in HVAC system energy use	X	X	X
	Up to 30% reduction in energy use through HVAC control and monitoring		X	X
 <b>Capture Cost Savings</b>	Reduced utility bills	X	X	X
	Access to rebates and incentives	X	X	X
	Real-time data tracking to monitor energy use		HVAC	X
	Enables customized user programming to operate equipment at optimal cost-efficient run-time schedules		HVAC	X
 <b>Reduce Disruptive Failures</b>	Reduced mechanical failure modes in HVAC equipment	X	X	X
	Diagnose performance issues in HVAC RTU equipment		X	X
	Generates alerts to prevent equipment and system downtime		HVAC	X
	Diagnose performance issues across an entire portfolio of buildings			X
 <b>Fewer Hassles and Headaches</b>	Fewer truck rolls, fewer maintenance calls	X	X	X
	Hands-free install	X	X	X
	24/7 access to controls		X	X
	Easily scale policies and schedules across buildings			X
	More efficient workflows across facilities team members			X
 <b>Strengthen and Protect Your Brand</b>	Achieve sustainability-focused ESG goals	X	X	X
	Be notified of issues early to ensure business continuity	Motor	HVAC	X
	Improved customer and employee comfort		HVAC	X
	Simplified workflow for safety, air quality, and compliance management		HVAC	X
	Manage your portfolio of buildings to brand standards			X

# Turntide Smart Building Architecture



## LEARN MORE >

Speak with our team to learn more about how technology for sustainable operations can help you drive down energy costs, boost your bottom line, and meet your sustainability goals.

### TURNTIDE TECHNOLOGY FOR SUSTAINABLE OPERATIONS

Our breakthrough technologies accelerate electrification and sustainable operations for energy-intensive industries.