

Turntide for Strategic Machines™

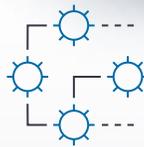
Solutions for HVAC, Pumps, and Fans

Bring intelligence and connectivity to your products with data-enabled equipment optimized for energy efficiency



Optimize Efficiency

Help your customers achieve their sustainability goals and reduce their energy and lifecycle costs



Simplify Innovation

Develop smart, connected equipment that generates actionable data



Accelerate Your Revenue

Introduce sustainable products faster and unlock new aftermarket revenue streams

Manufacturers can bring innovative products to market faster and reduce total cost of ownership for customers



Equipment Manufacturers

- + Bring sustainable product to market faster with shorter lead times
- + Reduce supply chain risk with fewer parts and no rare earth materials
- + Maximize energy efficiency
- + Utilize data and insights to improve equipment design and reliability
- + Meet sustainability requirements from customers
- + Create new revenue streams with Equipment-as-a-Service



Strategic Machines



End Users

- + Decrease your energy usage and operating costs
- + Reduce risk of downtime
- + Optimize maintenance schedules and extend the life of your equipment
- + Automate commissioning, maintenance, and equipment monitoring at scale
- + Meet your sustainability goals

Turntide for Strategic Machines enables solutions for a range of industries and applications



Smart HVAC for data centers



Mission critical cooling systems for labs



Energy efficient pumps for irrigation and cooling systems



General purpose HVAC

SMART MOTOR SYSTEM™

TX Series

This slim profile motor is ideal for use in fan arrays in mission-critical cooling systems

- + Optimal efficiency through superior device physics
- + Ultra-reliable performance across all speeds
- + Slim design for space efficiency
- + Reduced bearing failure
- + Reduced weight
- + IE5 efficiency ratings
- + Smart motor diagnostics



SMART MOTOR SYSTEM™

V Series

This highly efficiency motor is well suited for use in HVAC RTUs and pumps

- + High rotor pole switched reluctance motor
- + Reliable
- + 94.5% peak motor efficiency
- + Standard NEMA frames
- + Standard IEC frames
- + Lubed for life bearings

Utilize data from optimally efficient, intelligent equipment to create new revenue streams



Equipment-as-a-Service

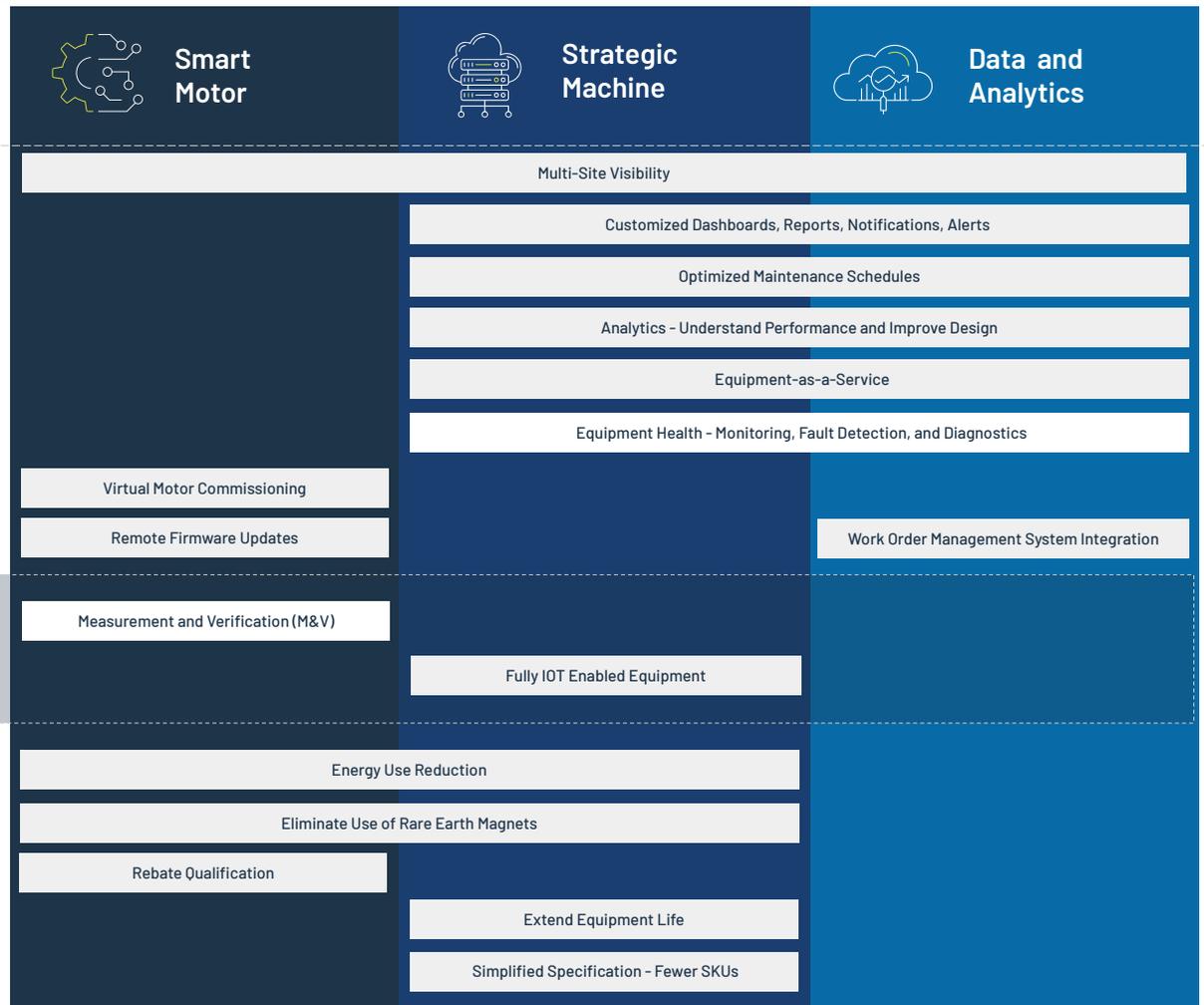
Generate a recurring revenue stream by shifting to an Equipment-as-a-Service model. Customers can pay a subscription fee that covers the lease of equipment and includes a contract for maintenance and repairs. You get predictable revenue and own the equipment data, which can be used for research and development.



Conditioned based maintenance contracts

Build a digital channel to gain insights into equipment performance, then sell replacement parts and services based on real-time conditions.

Turntide for Strategic Machines: Capability Stack



Turntide App

Cloud Insights, Dashboard, Control Center, Technician



Turntide Edge

Sensors, Site Hub, Supervisor, Connectivity



Turntide Electric Machines and Hardware

Motor, Motor Controller

TURNTIDE TECHNOLOGY FOR SUSTAINABLE OPERATIONS

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

