

Our Predictive Maintenance 5.0 System monitors the performance and conditions of your built space assets during normal operation to monitor real-time data, reduce the likelihood of failures, and decrease the energy cost.

## What is the benefit?

Conventionally, assets have been managed through a Reactive or Preventive Maintenance models. This implies that maintenance is performed after some form of damage or disturbance (i.e. Reactive Maintenance) or after a fixed time interval (i.e. Preventive Maintenance). These two models are tedious and time-intensive. A predictive maintenance model monitors the assets using IoT devices and benchmarks this data with normal functioning and industry standards. As such, tasks are performed only when warranted, allowing cost-saving over routine or time-based maintenance.



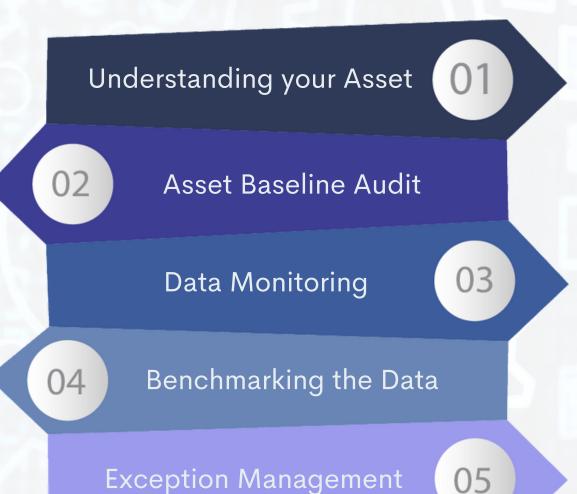


## How Does our PM5 work?



To completely understand your assets, we leverage our **engineering audit tools** and equipment, such as thermography, vibration and shock pulse analysis, power quality assessments, and oil & grease analysis, to learn whether the assets are performing in line with the **OEM guidelines and expected lifecycle**.

We benchmark your asset data against industry data to understand the **performance & energy consumption patterns**. This allows us to spot any discrepancy or exceptions that could have an impact on the asset's life cycle performance.



We begin by **understanding your assets** with our in-house pool of industry expert across verticals. This includes a physical walk-around of your built space and a preliminary conversation with your engineering or operations team.

Along with a physical assessment, our team sets up **IoT devices to gather data** on a real-time basis. This allows us to get real time insights on asset behavior through our intelligent **AI and ML platforms**, as well as, closely monitor the key parameters.

Based on our predictive maintenance practices and data benchmarking, our engineering team can handle any exceptions before any failures. We also prioritize the healthy functioning of assets to ensure it lasts for its expected life cycle.