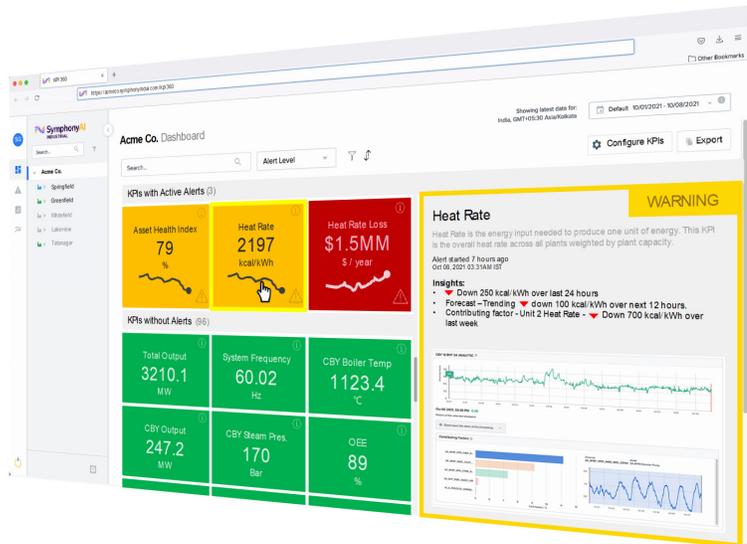


KPI 360™

Delivers actionable operating insight from the shop floor to the top floor

KPI 360

KPI 360 is a solution that helps companies get a single view of all operations using real-time data from any multitude of data sources. It lets any type of user quickly set up monitoring for their key KPIs in real-time through alerts, notifications, flexible visualizations, and a range of different advanced analytics out of the box. With KPI 360, there is no need for a large project to aggregate data, define KPIs, build visualizations, or configure dashboards. It provides a complete industrial intelligence tool from shop-floor to top-floor that can be set up within minutes.



It is estimated that as much as 98% of industrial data remains unutilized due to lack of intelligent automated process that can harness the data at scale and deliver timely insights to drive actions for continuous value creation. There is the need for an AI-powered engine that can synthesize thousands of tag points in seconds to understand key changes in process as they happen and locate the underpinning factors. AI can help to provide a level-playing field between the expanding universe of data and human capability to consume, get to the bigger picture and drive timely decisions to maintain operations at its highest levels - yield, quality, throughput, inventory, emissions and safety.

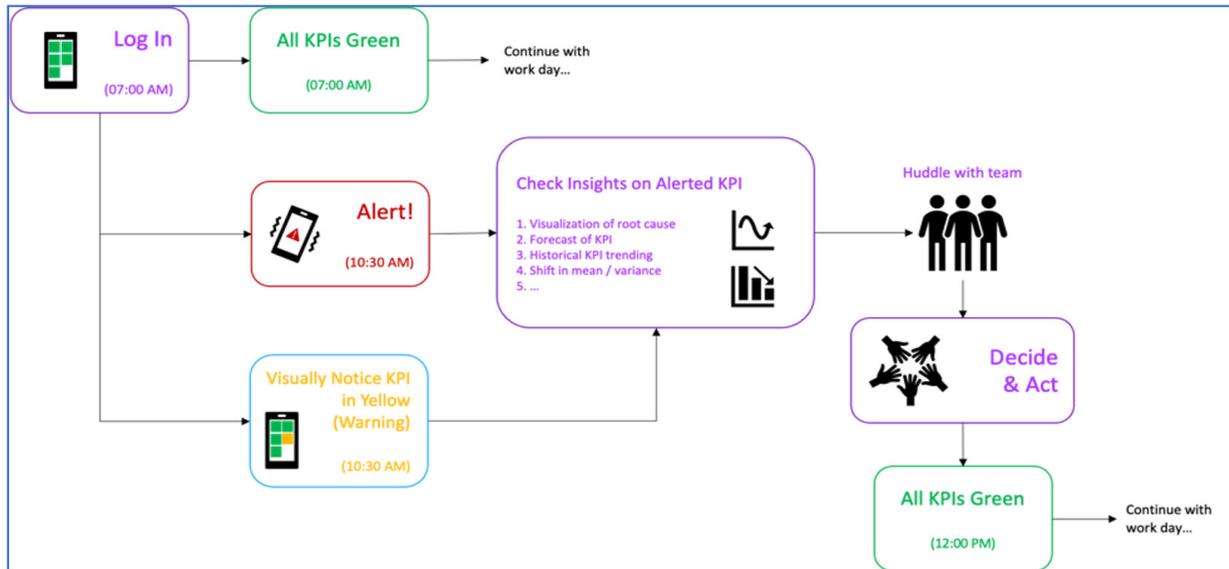
KPI 360 comes with pre-built KPIs for your specific industry, vertical, problem, and even asset classes. It also comes with a KPI builder that lets anyone define their own KPIs using a visual, no-code interface. This combination makes it both easy to set up without a large project and easy to maintain and expand over time without the need for any software or data engineering expertise.

Flexibility and extensibility is built into KPI 360's visualization system too. Users can choose the visualization of their choice, link it to one or more KPIs, configure interactions with the visualizations, and change the visual appearance without writing a single line of code. Dashboards and reports can be produced and shared within seconds and saved as a template for the future.

KPI 360 also leverages SymphonyAI's proprietary domain knowledge engines that have been built using decades of industrial experience. From equations of state to fluid properties and hybrid asset models using physics, thermodynamics, and AI, KPI 360 has a comprehensive list of KPIs that can track metrics from enterprise level right down to the component level.

In addition, all KPIs come with the ability to be represented as graphs to allow users to easily identify contributors to any KPI's performance.

The Process



Features

- **Data Acquisition** – Connectors to a wide-range of data acquisition systems and an efficient data management system capable of streaming and batch analytics
- **Data Pre-processing** – Automated de-noising, imputation and contextualization using advanced ML algorithms
- **Templatized Pre-built KPIs** – KPI definitions and visualizations out of the box built using decades of industrial experience
- **Custom KPIs and Analytics** – Bring your own KPIs and analytics and easily add them into KPI 360 to work in stream
- **KPI Graphs** – Easily identify contributors to KPIs using physics, thermodynamics, and AI-based analysis through a visual graph view
- **Alerting** – Get notified when KPIs trend towards undesirable regions and notify anyone in your organization immediately
- **Domain Knowledge Engines Embedded** – Proprietary domain knowledge engines provide a solid grounding in fundamentals for all KPIs
- **Customizable Visualizations** – Add, remove, configure, style, or share beautiful visualizations without a single line of code
- **MLOps, Continuous integration, continuous deployment** – No resource drain for end-users or IT staff to keep up with new releases and feature enhancements

About SymphonyAI Industrial

SymphonyAI Industrial, a SymphonyAI business, is an innovator in industrial insight, accelerating autonomous plant operations. The industry-leading EurekaAI/IoT platform and industrial optimization solutions connect tens of thousands of assets and workflows in manufacturing plants globally and process billions of data points daily, pushing new plateaus in operational intelligence. SymphonyAI Industrial solutions provide high value to users by driving variability out of processes and optimizing operations for throughput, yield, energy efficiency, and sustainability.