

We Turn Data Into Knowledge

ShiraTech-Knowtion's mission is to help industrial manufacturers eliminate unexpected production line downtime, to boost their production yield, and ultimately, increase their profit.

Did You Know?

82% of manufacturers experience unexpected downtime



Focus On Your Data!

Sensor-driven data monitoring powered by robust AI tools, ensures continuous operation at maximum efficiency and minimal cost

The Solution

ShiraTech-Knowtion provides manufacturers with AI-based predictive maintenance and condition monitoring technologies. Backed by smart analytics tools that immediately detect equipment failures, manufacturers gain actionable insights to drive real-time, informed decision-making. This is how ShiraTech-Knowtion is reshaping the future of manufacturing, turning data into profit for manufacturers of all sizes, in a wide range of vertical industries.

The Reality



Companies lose up to
1M USD
annually in unexpected
downtime

ShiraTech-Knowtion Key Benefits

- ✓ Ensures continuous equipment operation at maximum efficiency and minimal cost
- ✓ Eliminates unexpected production line downtime
- ✓ Increases production yield on every job
- ✓ Provides actionable insights to drive real-time, informed decision-making
- ✓ Runs seamlessly on a highly-secure, cloud-based (SaaS) platform

Understanding the Potential of Data to Power Your Production Processes

The Solution: It's All About the Data

Data never lies – and no matter the industry, data-driven solutions will continue to drive business success. ShiraTech-Knowtion combines comprehensive sensor-driven data monitoring with multi-layered AI tools to ensure that production line equipment is continuously operating at maximum efficiency and at minimal cost, all on a secure cloud-based platform.

Gain Productivity Control



Foresee the future

via real-time assessment
of every asset on
your shop floor



Understand process behavior

by aggregating data with smart
analytics tools to drive real-time
insights and decision-making



Increase productivity

and lifetime value via
non-intrusive cloud-based
systems

ShiraTech-Knowtion uses manufacturers' existing data, where smart AI algorithms are seamlessly integrated into a single device (iCOMOX) that captures data during the production process. Powered by AI-based alerts, the system generates actionable real-time insights to help manufacturers better understand the current working condition of their assets, predict potential machine failures, and prevent unexpected downtime.

About ShiraTech-Knowtion

ShiraTech-Knowtion delivers leading cloud-based (SaaS) AI-based predictive maintenance and condition monitoring solutions for Industry 4.0 manufacturers. A unique combination of sensor-driven data monitoring tools powered by multi-layered AI algorithms, ShiraTech-Knowtion helps ensure that production line equipment operates continuously, with maximum efficiency, at minimal cost.


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