

## Reduce operational costs by maximizing the life and value of your current assets

Thinaër's real-time, remote-condition monitoring platform saves employee time, reduces asset downtime, and minimizes repair costs by immediately alerting you to take action when needed.



### Increase Asset Utilization

Continuously determine the real-time location of any object and get insights into how those assets are used. Use this critical information to improve manufacturing efficiency by determining the optimal number of assets and inventory needed to complete a set of orders. Use this data to predict real maintenance needs.

### Extend the life of your assets

Extend the life of your assets by implementing an IoT-based vibration monitoring system. Thinaër enables you to monitor, maintain and optimize assets for better availability, utilization and performance. You can gain better visibility into assets via real-time monitoring, allowing you to predict machine failure and identify parts that need replacement. Get real-time notifications that enable you to take quick action, thereby extending the life of your assets.

### Reduce downtime and maintenance costs

Unplanned downtime due to equipment failure, production delays, and expensive maintenance drive down profitability. Thinaër enables more efficient use of existing assets by providing the ability to predict machine failures and reduce maintenance. Our platform, AI, and patented algorithms can help identify the causes of delay, whether they are internal or external, and help set up processes to address these causes.

### Swiftly address emerging worker safety concerns

Anticipate and address possible safety risks and predict potential issues before they impact workers. Quickly take appropriate action to mitigate safety risks by analyzing data from multiple sources – from engineers along with the data generated from Thinaër's sensors. By analyzing vibration and environmental data over long periods of time, you can identify potentially hazardous conditions and improve the safety of your staff.

Thinaër's smart sensor technology can now monitor essential performance metrics in real-time and send alerts the moment something starts to go wrong. Gain the ability to perform advanced vibration analysis for predictive analytics at 10,000 Hz and monitor the environmental factors affecting machine performance.

### Our world-class dashboard and Digital Universe Manager

Capture insights and use Thinaër's powerful platform, Sonar, to contextualize and discern the data. AI and patented algorithms are used to help users generate actionable insights and set alerts. Together with Thinaër's BLE Beacons, manufacturers are equipped to turn predictive maintenance into a responsive process.

The smartest way to implement a digital transformation strategy is to utilize smart sensors and a real-time monitoring and alarm solution using the equipment you already have in place.

For more information, please visit [www.thinaer.io/manufacturing](http://www.thinaer.io/manufacturing)

**Integrate smart technology with your currently owned assets in four easy steps to avoid downtime or process redesign.**

**Thinaer**

## ATTACH



### **Attach BLE Beacons to your existing assets.**

Thinaer's enterprise grade BLE Beacons are built to transform your existing assets into smart and connected devices. Monitor temperature, humidity, leakage, and location in real-time.

## CAPTURE



### **Gateways gather & collect asset data from Beacons.**

Built to work with virtually any BLE device or technology, Thinaer's gateways detect and collect data from your assets and contextualizes it to help you gain a deeper understanding of your organization.

## MONITOR



### **Monitor & view your asset data through our real-time application, Sonar.**

Uncover new information regarding your business processes to discover patterns, calculate future demands, and forecast production and logistics requirements. Manage your assets, set trigger alerts, access breadcrumb trails, and view real-time data to become a proactive organization. Thinaer Restful API connects to your own platform.

## ACT



Gain insights into usage patterns to accurately track equipment deterioration to extend asset life and improve asset utilization.



Know when to deploy the right resources for predictive maintenance to minimize equipment failures and reduce service costs.



Examine large data sets to find and exploit patterns contained within data in order to detect risks and opportunities.

The smartest way to implement a digital transformation strategy is to utilize smart sensors and a real-time monitoring and alarm solution using the equipment you already have in place.

For more information, please visit [www.thinaer.io/manufacturing](http://www.thinaer.io/manufacturing)

**Contact [info@thinaer.io](mailto:info@thinaer.io) to learn how you can digitally transform your organization.**