Senseye Predictive Maintenance

Product Data Sheet

AUGUST 2024

VERSION 1.1

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Senseye Predictive Maintenance (Senseye PdM) is a machine learning-powered tool for predictive maintenance, tailored for large-scale enterprise applications and hosted on cloud-based software.

Senseye PdM provides advisory condition monitoring of assets and can integrate with any asset, system, or data source. Designed for manufacturing facility or industrial site owners and operators, Senseye PdM is utilized by maintenance teams in global industrial companies to prevent machine failures and enhance both manufacturing and maintenance efficiency.

Customers provide machine data (e.g. vibration, current, torque and temperature) to Senseye PdM via integrations with their data collection systems. Senseye PdM then analyses this data and provides insights into the conditions of their assets. These insights alert and inform users of potential failures and are delivered to them via the Senseye PdM web app.

Within this platform, users can engage with their data, record their responses, and follow a systematic workflow to pinpoint the root cause of issues with their assets. Furthermore, they can write notes and messages, capturing essential information about assets, decision-making processes, and maintenance tasks. Expert knowledge extracted from user messages is stored and used by generative AI technologies to present back to users, providing historical and actionable context as needed.

Prerequisites

Assets	Access to suitable measurements from customer's machines, which can be sent to Senseye PdM or pulled from an internet accessible historian.
Internet Connection	A functional internet connection. The bandwidth of your internet connection will determine your experience of the Service and its performance.
Web Browser	An HTML5 capable internet browser is required (e.g., Google Chrome or Microsoft Edge). The recommended screen resolution is 1024x768 or higher. Viewing on mobile internet devices is supported.
Notification Service	To receive notifications from Senseye PdM you will use a company email address that you have access to. Usage of private email addresses is not allowed.

Senseye PdM

Access to your Services	URL is https://app.senseye.io. Typically to get access, users will receive an invite email or log in via their SSO provider.
General	You are only authorized to use Senseye PdM in accordance with the package to which you hold a valid subscription as per your contract.
Supported Language	The language used in Senseye PdM may be configured. The supported languages are: Czech, German, English, Spanish, French, Japanese, Portuguese Brazilian, Thai, Simplified Chinese.
Developer Documentation	Users have access to a dedicated developer portal at https://developer.senseye.io. This describes how to integrate with Senseye PdM, including: • Provide machine data and work orders. • Be alerted to cases and raise work request / notification. • Configure Single Sign-On (SSO). • Build custom integrations making use of our extensive GraphQL API.
Use of AI	The application uses generative AI technology to provide guidance to users based on historic knowledge stored within the system. Outputs generated by generative AI models are made identifiable as such within the application.
Messenger Features	The messenger and/or communications feature are only a minor and purely ancillary feature of the overall SaaS.
File Limitations	File uploading functionality supports files to a maximum file size of 100 Mb. The following file types are supported: • Documents - '.pdf', '.txt', '.md' • Images – '.png', '.gif', '.jpg', '.jpeg' • Audio – '.mp3', '.wav' • Video – '.mp4' • Data – '.csv', '.json' • MS Office – '.doc', '.docx', '.xls', '.xlsx', '.ppt', '.pptx'

Limitations and Exclusions

Decision Support System	Senseye PdM is an advisory tool to support decisions made by customers. It is not offered with any guarantee as to accuracy, completeness, or reliability. Customer always remains in control of and solely responsible for the condition and operation of its assets and the related site(s) where the assets are located. The cloud services are not intended to substitute the proper surveillance of the assets by customer.
No reverse control	Senseye PdM has no ability to remotely access or control customer's assets.
Use of AI	The AI-generated output may not be entirely accurate, complete, or reliable. The output is not intended as legal or professional advice. Users of the AI-generated output are responsible for independently verifying any information obtained thereof before making any decisions or taking actions based on that information.

Export Control Regulations

AL:N
ECCN:EAR99