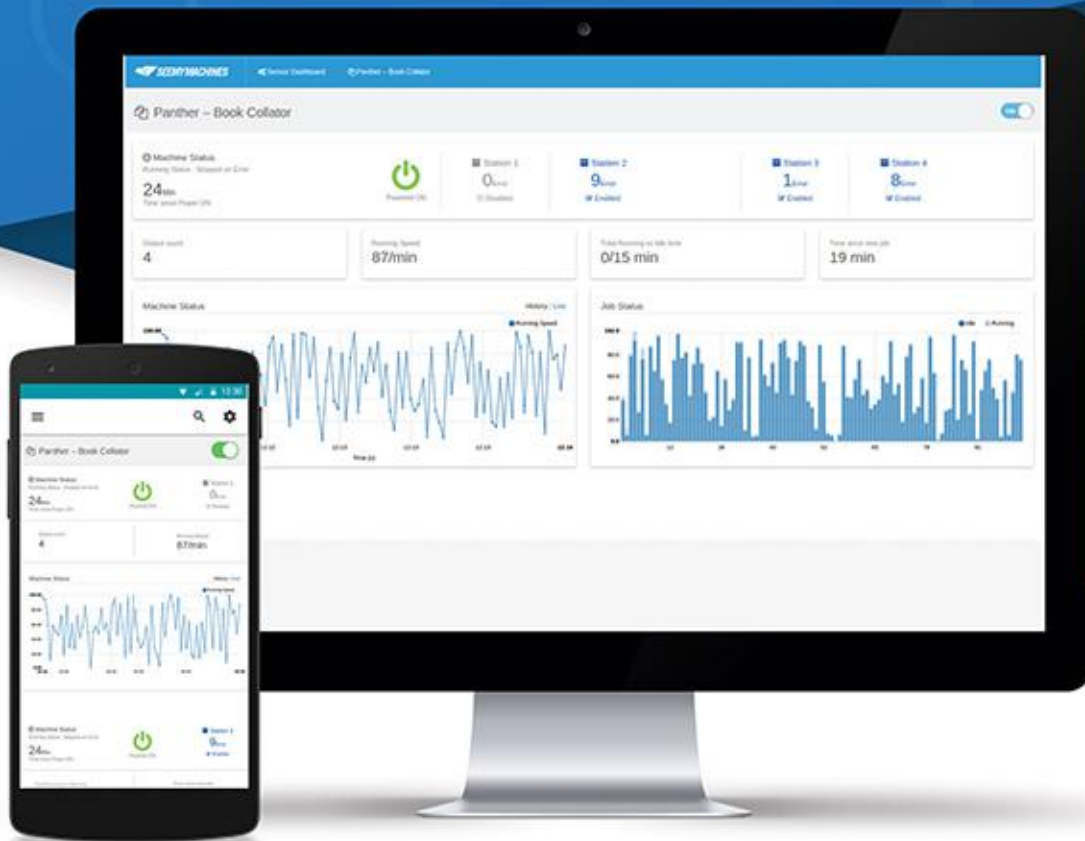


SINGLE WINDOW TO MACHINE DATA

CONNECT

CAPTURE

INTERPRET



SEEMYMACHINES

Industrial IoT Platform

www.seemymachines.com

SEEMYMACHINES

SeeMyMachines is a cloud-based IOT platform that delivers near real-time insights into plant operations. The solution monitors and tracks machine performance, delivering insights into utilization and productivity of assets on the factory floor.

OEMs can also gain rich insights from this data, enabling them to undertake predictive maintenance and product enhancements.

Manufacturers are often faced with the need to improve operational performance. Often, smart machines are deployed to overcome performance-related issues; however, the amount of data generated by sensors, automated machines, digital gauges, cameras, and other devices create islands of data. These isolated chunks of data cannot be easily combined and interpreted using traditional systems.

SeeMyMachines captures, combines and interprets this data to deliver actionable insights.



Near Real-time: Converts data into actionable insights in near real-time



Interoperability: Preconfigured to connect to sensors, PLCs, cameras, digital gauges, and other endpoints



Scalability: Internet-enabled micro-computing devices scale connectivity across plants and multiple locations



Built-in Integration with Third-party Tools: Integrated third-party tools for advanced big data analytics



Remote Access: Mobile and web applications to remotely access data



Flexibility: Wired to process data in multiple formats.



Security: Role-based access control. Private hosting enables tighter control over data; secure authentication



Availability: Data is backed-up and synchronized at a later time in case of connectivity issues

1 Connect

Connect remote devices/ sensors

2 Capture

Capture data in multiple format using MQTT, CoAP or HTTP protocol

3 Interpret

Analyze and report in real-time with integrated visualization tools

Optimize Asset Utilization with SeeMyMachines

How it Works

Enabling Manufacturers to Succeed

Faster decision making: With data collected from all machines, manufacturers get a consolidated view of the operations. Data can be drilled down to find the root cause of underutilization.

Smarter and connected operation: Leads to smooth operations, eventually leading to higher efficiency and performance.

Asset management: Higher visibility into performance of components, leads to better quality assurance and minimum down time

Preventive maintenance: Supported with advanced analysis, proactive insights on the assets can help in preventive maintenance

1

Machine data is sent to the cloud-based big data platform over lightweight protocols

2

Platform analyzes and converts the data for further processing

3

Analytical intelligence relayed via custom mobile application provides insights into factory operations

Contact Us for a Free Technical Evaluation

Our team of experts will conduct a technical evaluation of your infrastructure to deliver an IIoT roadmap for your business.

What's included?

- Business process analysis and recommendations for digitization
- Evaluation of connectivity and protocol choices
- Study of M2M architecture and integration with existing systems
- Advice on technology investment and ROI models



SeeMyMachines is Modbus ready: OEMs can easily integrate SeeMyMachines into products. Data can be sent to SeeMyMachines from the PLC, without relying on other physical sensor networks.

SeeMyMachines devices can be connected to wired/wireless/GPRS networks based on site requirement. The device also acts as a Wi-Fi hotspot, enabling mobile devices to connect and grab data as and when required.



About us

Planet G Systems is an engineering company with specialized in automation with years of experience in designing, assembling, and commissioning of machines.

We provide custom solutions for a variety of applications such as vision-based inspection and conveyor systems that reduce manual intervention and improve efficiency and productivity. www.planetgsystems.com

VH 60, Chandrasekharan Nair Road
Vikramapuram Hills, Kuravankonam
Trivandrum, Kerala – 695 003

✉ info@planetgsystems.com

☎ +91-8136995551