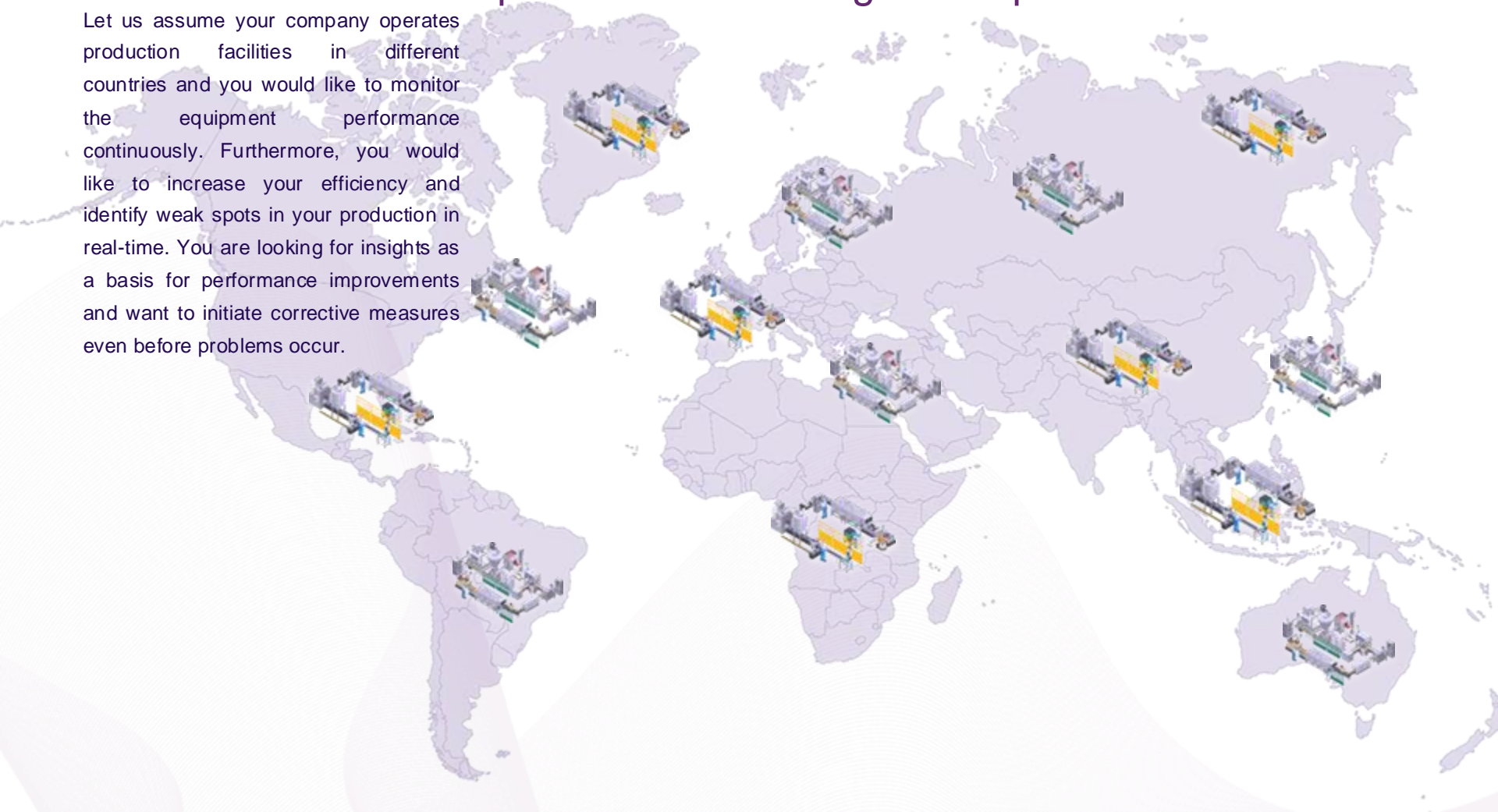


# Use-Case: Global Operations

Global Operations Monitoring and Improvement Center

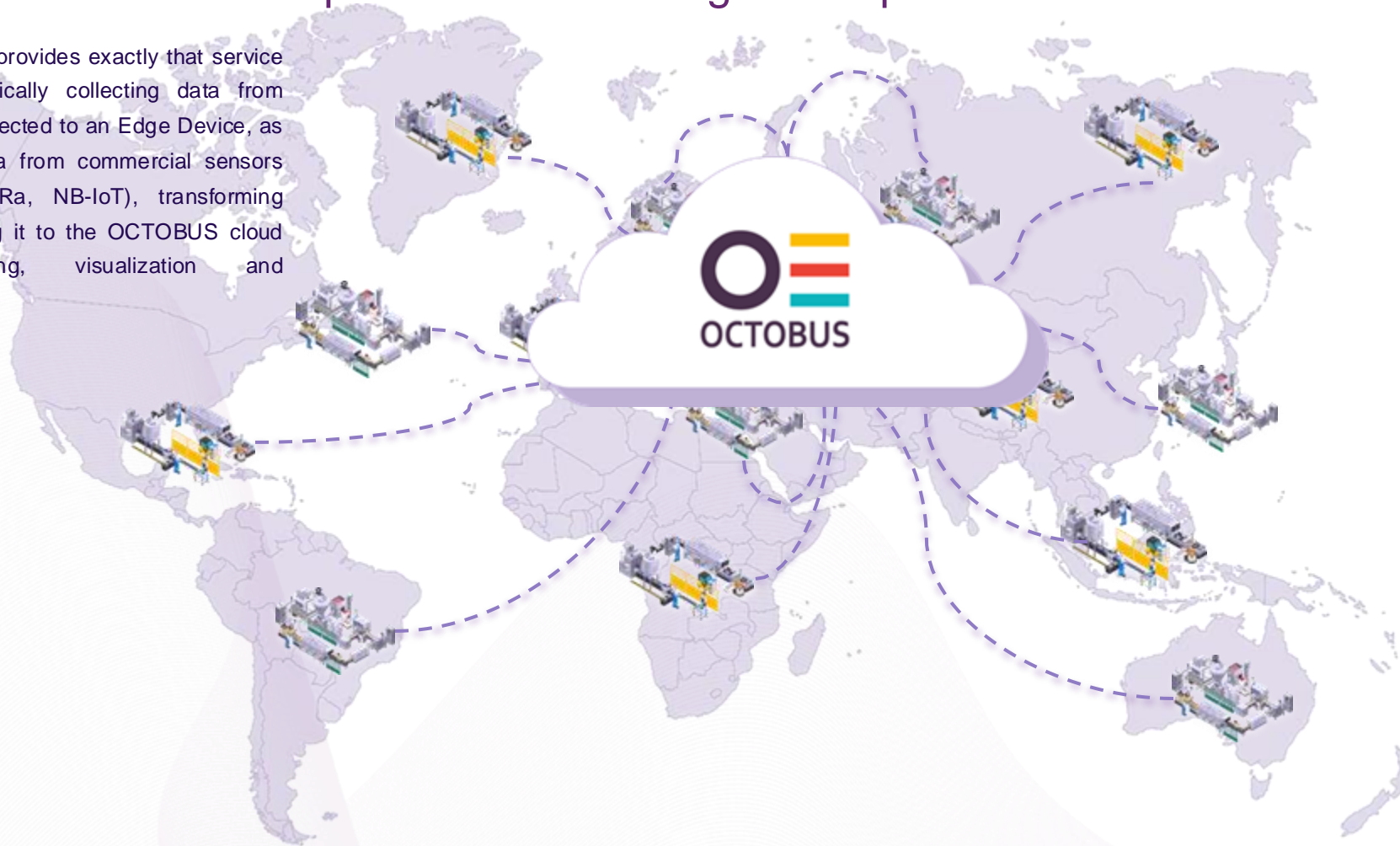
## Use Case 3 - Global Operations Monitoring and Improvement Center

Let us assume your company operates production facilities in different countries and you would like to monitor the equipment performance continuously. Furthermore, you would like to increase your efficiency and identify weak spots in your production in real-time. You are looking for insights as a basis for performance improvements and want to initiate corrective measures even before problems occur.



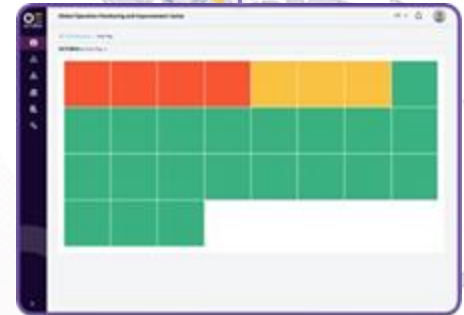
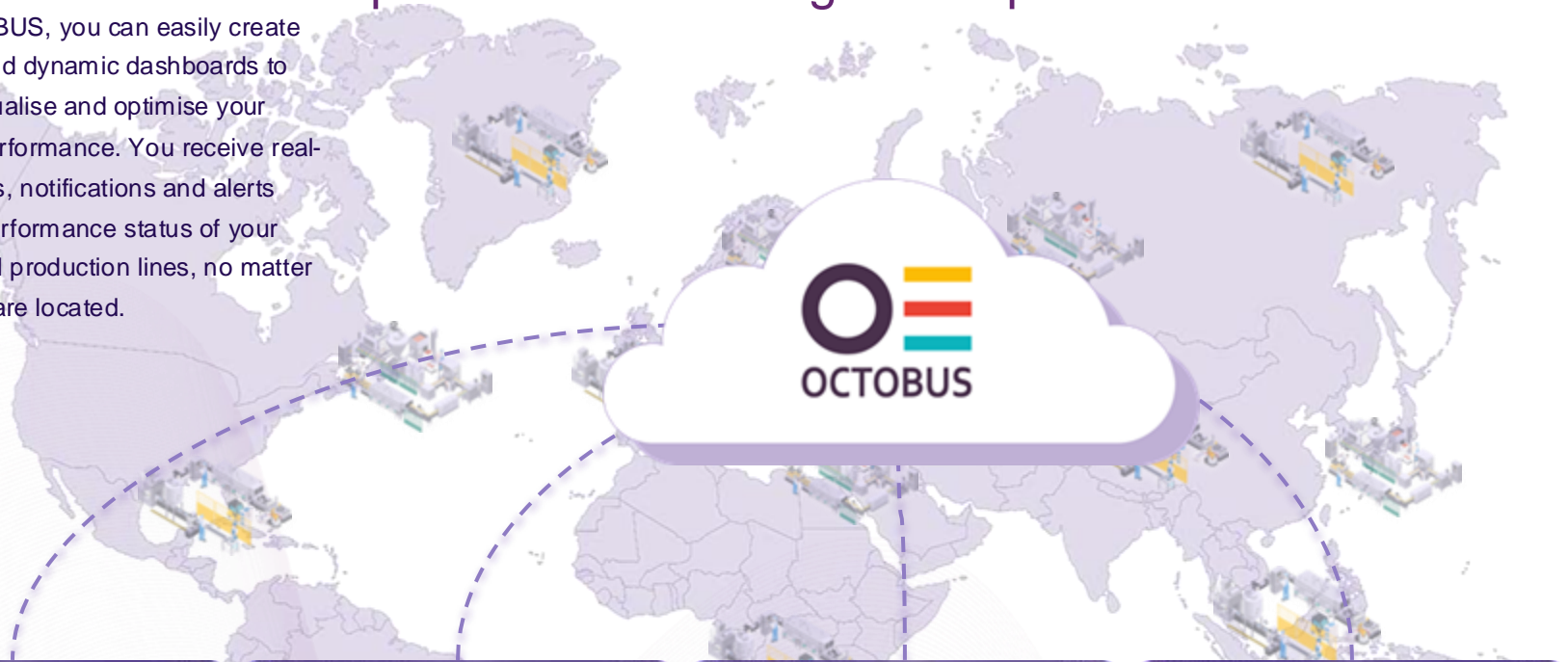
## Use Case 3 - Global Operations Monitoring and Improvement Center

OCTOBUS provides exactly that service by automatically collecting data from PLC's, connected to an Edge Device, as well as data from commercial sensors (Sigfox, LoRa, NB-IoT), transforming and sending it to the OCTOBUS cloud for monitoring, visualization and optimization



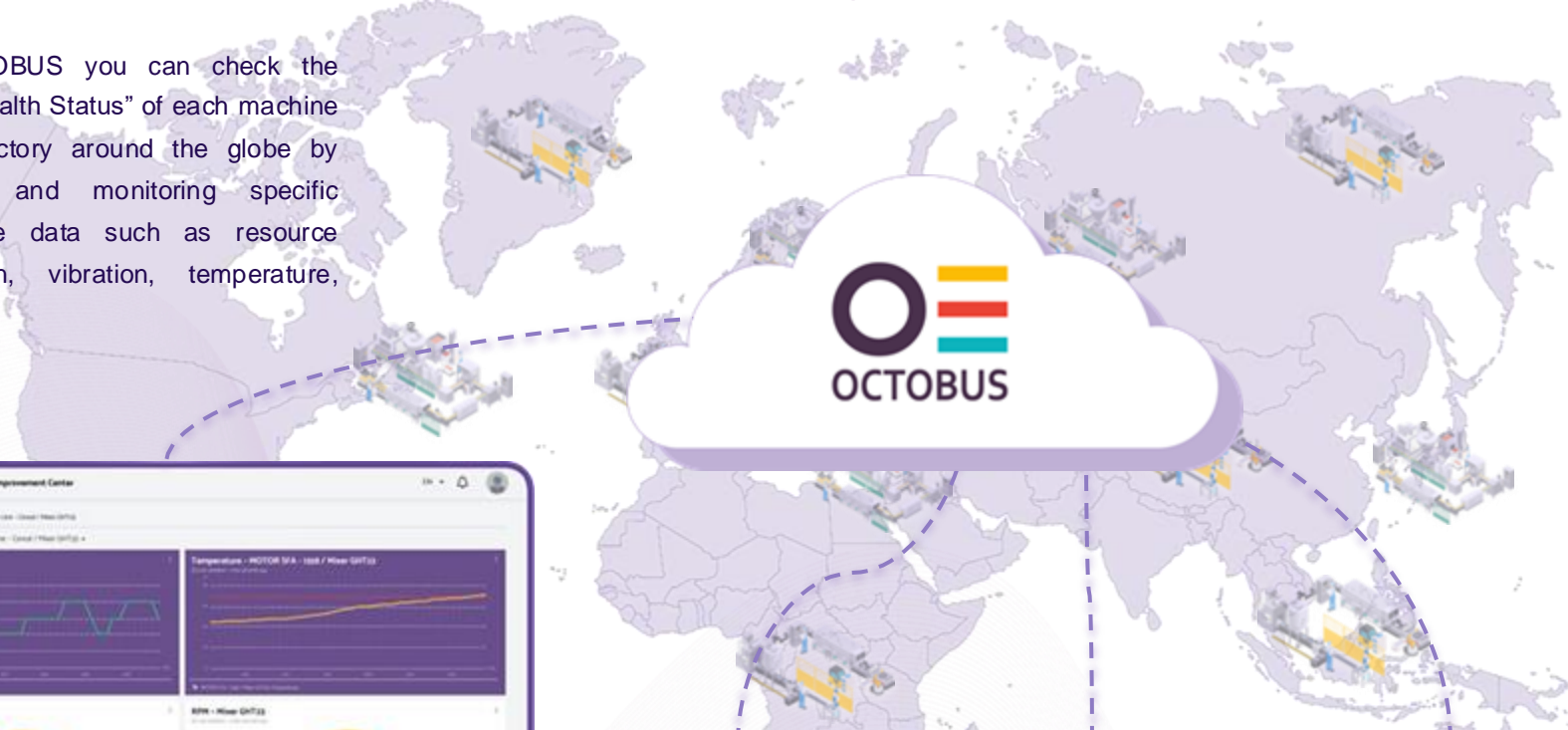
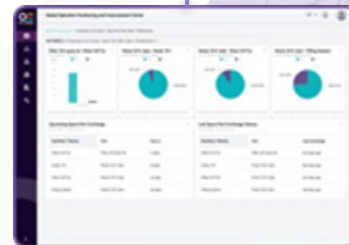
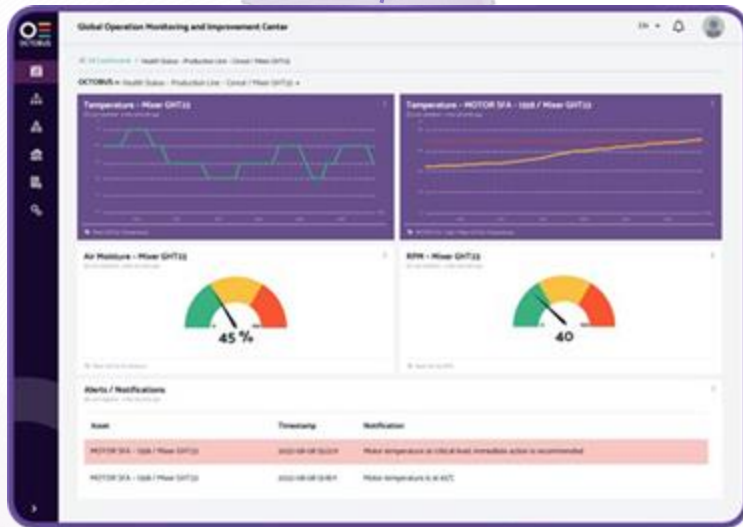
# Use Case 3 - Global Operations Monitoring and Improvement Center

With OCTOBUS, you can easily create individual and dynamic dashboards to monitor, visualise and optimise your company performance. You receive real-time updates, notifications and alerts about the performance status of your systems and production lines, no matter where they are located.



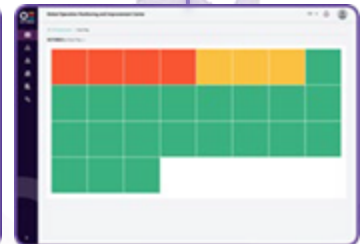
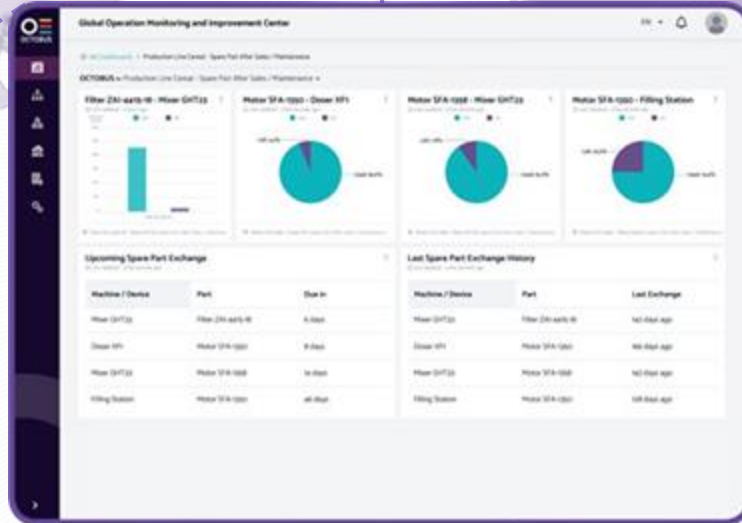
# Use Case 3 - Global Operations Monitoring and Improvement Center

With OCTOBUS you can check the general “Health Status” of each machine in each factory around the globe by measuring and monitoring specific performance data such as resource consumption, vibration, temperature, noise etc.



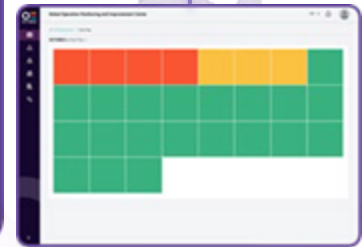
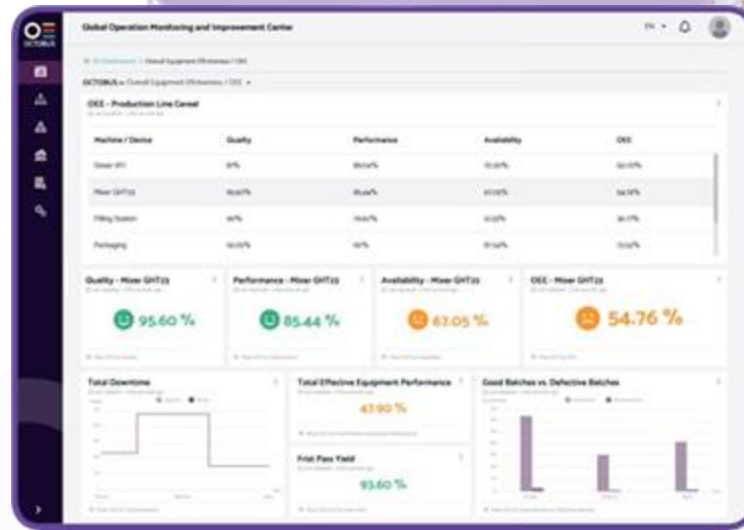
# Use Case 3 - Global Operations Monitoring and Improvement Center

Based on real-time and statistical data, you can check the status of critical spare parts in order to avoid breakdowns and machine downtime. As soon as the lifetime of a critical spare part comes close to an end and needs to be replaced, a notification is sent to the management.



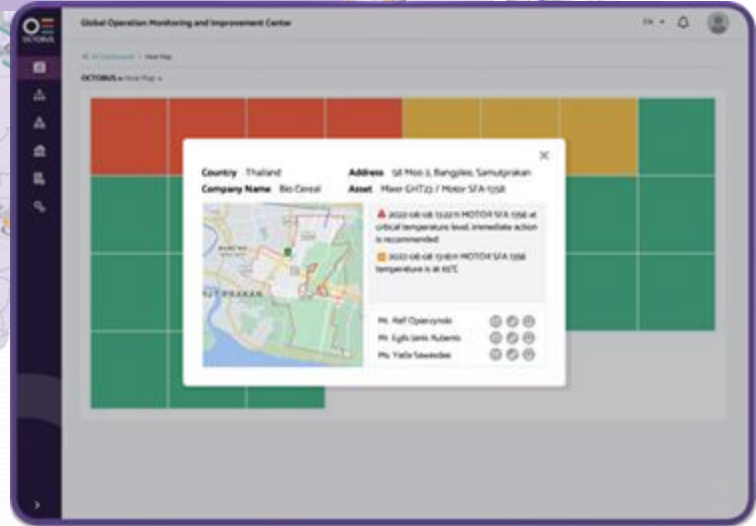
# Use Case 3 - Global Operations Monitoring and Improvement Center

Another practical use case is the monitoring and documentation of the Overall Equipment Effectiveness / OEE. The OCTOBUS Platform collects, calculates and visualizes all relevant OEE data on machine, production line or company level.



# Use Case 3 - Global Operations Monitoring and Improvement Center

The heatmap, a graphical representation of your production performance data depicted by color, is an easy way to visualize and categorize the performance in complex systems (global production or supply chain networks) by employing a warm-to-cool color scheme. Once you click on a particular representation field, a pop-up with detailed information will appear.





# Digitize and monitor your physical assets

