SuperFROG®
Automated Guided Vehicle (AGV) Control System

The SuperFROG® logistic supervisory system links the operation of AGVs to factory layout, factory infrastructure, and transport requests. Fully customized to each customer, it controls the movements of AGVs and transports for an optimized flow of products; allowing for charging and maintenance of the AGV fleet and visualizing the state of the system. The capabilities of our solutions are only limited by the customer’s imagination and the space available to work in.

FEATURES:

Delivers complete, logistic solutions to complex systems

Highly customizable to different warehouse management systems, layouts, and vehicle types
SuperFROG®
Automated Guided Vehicles (AGVs)

SuperFROG® is ‘the beating heart’ of the AGV system and increases the efficiency of logistics by optimized order management. The software program analyzes all data of the AGV system, identifies the vehicle opportunity and selects the best AGV for the task. After checking the suitability of a load it delivers precision positioning of vehicles at loading, delivery, and work stations.

Our optional business intelligence solution Insight can be added for data analysis from fleet perspective to individual vehicle level. Insight provides a comprehensive, transparent overview of the entire system’s efficiency; including its trends in facility management and logistics. By analyzing trends, system operation can be optimized to provide lower downtime, higher performance and a lower overall ROI.

SuperFROG® runs independently of the system’s safety functions, maintaining the fail-safe nature of the AGV system. The software also oversees and controls the health and well-being of the entire vehicle fleet. It evaluates the remaining battery life against the duration of the requested task and it schedules optimized charging periods. Service features allow vehicles to be easily taken out of normal operation and placed in maintenance mode. Maintenance vehicles will then complete any assigned transports and report to a maintenance bay.

Oceaneering AGV Systems for Advanced Logistics Solutions
Oceaneering is a worldwide leader in safe, reliable, and flexible turnkey logistic and production solutions based on Automated Guided Vehicle (AGV) technology. Through innovative application of our field-proven hardware and software, our customers can benefit from adopting our AGV systems in mission-critical operations, providing long-term strategic value.

For more information: oceaneering.com/agv