



KAIKKI - Turnkey Solution for Intralogistics

Comprehensive Intralogistics Solution

KAIKKI offers a turnkey system for both indoor and outdoor intralogistics, functioning effectively without the need for additional infrastructure and under all weather conditions.

Versatile Vehicle Compatibility

KAIKKI system supports a wide range of vehicles, from 500 kg to 500 tons, accommodating various drive systems, including electrical and hydraulic with any geometry.

Scalability for Any Fleet Size

KAIKKI is designed to manage fleets of any size, ensuring high navigation accuracy and speed across large areas, even spanning multiple square kilometers.

Advanced Sensor Fusion

KAIKKI integrates multiple sensor modalities such as 3D and 2D LIDARs, IMU, wheel odometry, and RTK-GNSS to enhance precise localisation, situational awareness and operational safety.

Structured Implementation Process

KAIKKI deployment begins with extrinsic calibration using GIM **MITTA** tool, followed by the installation of **PAIKKA** for 3D localisation and **TARKKA** for situational awareness, culminating in on-site environmental modelling with the **KARTTA** mapping tool.





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Vehicle Control, Routing and Fleet Management

KAIKKI incorporates Navitec Systems' Navitrol software for vehicle control and Navithor for routing and fleet management, ensuring seamless coordination and efficient operations.

Interoperability

KAIKKI comprises a mature family of interoperable products, enabling robust and coordinated operations in demanding environments under all weather conditions.

Cost Efficiency

KAIKKI is infrastructure-free and designed for easy integration, deployment, and maintenance, offering user-friendly tools that reduce operational costs



Flexibility Across Applications

KAIKKI is compatible with several supported interfaces such as: ROS, ROS2, VDA5050 and Fleet Management Systems.

No fuss! Just turn the key!

Discover how **KAIKKI** can optimize your mobile machine operations. Reach out now to learn more.

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