



ek-robotics
A NEURA BRAND



MAKING AGV PERFORMANCE VISIBLE
Greater clarity. Better performance. Your system analyzed.



” I would like to once again express my sincere thanks for your excellent analysis and the very insightful evaluations – especially the heat maps. I will be happy to contact you again should further needs arise.

Carlos Valencia, Head of Logistics & Maintenance
RITTAL RKS Kleinschaltschränke GmbH

PERFORMANCE IN LIVE OPERATION

How optimally is your AGV system really running?

Unplanned downtime, bottlenecks, or frequent emergency stops often slow down the performance of automated guided vehicle (AGV) systems.

At the same time, many operators lack a complete overview of the system's actual performance. Errors are only partially documented, interdependencies remain hidden in day-to-day operations, and opportunities for optimization go untapped.

This is exactly where our AGV performance analysis comes in. We create transparency regarding your system, identify opportunities for optimization, and propose concrete measures for greater efficiency and fewer downtimes.

Our experts analyze your system based on decades of experience in operating driverless transport systems.

THE RIGHT ANALYSIS

For Your System

Our INSIGHT packages offer you exactly the scope of analysis you need: from a quick performance overview to an in-depth evaluation with a personal review of the results.

How well do you know the actual performance of your AGV system? We reveal what remains hidden during operation: figures, correlations, and potential – clearly presented. For more reliable and cost-effective intralogistics.



PERFORMANCE WORKSHOP

Optimization in real-world operations

While the INSIGHT packages provide data-driven analyses, our Performance Workshop takes it a step further: Together with your team, we analyze your AGV system directly during operation and develop concrete measures to improve your material flow.

Phase 1 On-site analysis of material flow

Our experts monitor your AGV system during operation, observe processes, document malfunctions, and record transport relationships. Based on this, we create a data-driven material flow analysis and visualize the transport routes in a CAD hall layout. This clearly highlights bottlenecks and opportunities for optimization.

Phase 2 Joint management workshop

We present the analysis results, prioritize potential measures together with you, and define specific projects to improve efficiency and system performance. In doing so, we focus particularly on measures that have the greatest impact on throughput, system availability, and cost-effectiveness.

Phase 3 Implementation & Effectiveness Testing

After implementing the measures, we monitor the impact of the optimizations during ongoing operations and ensure that the planned improvements are actually achieved.



AGV PERFORMANCE ANALYSIS

Your benefits at a glance

[MORE INFORMATION](#)



FULL TRANSPARENCY
regarding actual system performance

OBJECTIVE EVALUATION
based on reliable operational data

EARLY DETECTION
of critical developments and bottlenecks

Thorough identification of specific
OPTIMIZATION POTENTIAL



A solid foundation for
BUDGET AND CAPACITY PLANNING

EXTERNAL EXPERT PERSPECTIVE
based on decades of AGV experience

Unlock potential now

Contact our service team
for an initial assessment
of your system.

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