SAVOYE

REACH WHAT MATTERS

SYNCHRONIZE AND OPTIMIZE YOUR AUTOMATED AND ROBOTIC EQUIPMENT IN REAL-TIME

KWEST

WAREHOUSE EXECUTION SYSTEM

KWEST

ELEVATED THE POWER OF EXECUTION OF MULTIPLE SYSTEMS

The supply chain has changed, driven by competitive pressures and heightened customer expectations. To address these changes, logistics providers are increasingly embracing automation in their processes.

Enter KWEST, SAVOYE's advanced Warehouse Execution System (WES) solution designed to synchronize and control your automated or robotic equipment in real-time, facilitating the achievement of your targets for responsiveness and performance.

This WES solution empowers you to maximize resource productivity, prioritize orders strategically, and dynamically reallocate stock based on multi-criteria strategies, ultimately optimizing storage and enhancing inventory accuracy.

Drawing on over 35 years of expertise in managing automated and robotic solutions, KWEST incorporates built-in data science algorithms. This proactive approach enables KWEST to anticipate and optimize the utilization of your automated equipment, allowing your system to seamlessly adapt to the dynamic conditions within your warehouse.

ADVANTAGES OF KWEST

Optimization
Synchronize systems using a single execution engine, intelligently sequencing orders based on priority constraints, equipment capacity, and AI-driven algorithms.

Scalability
Simplify business evolution with micro-services for easy service deployment. Streamline system implementation and ensure secure upgrades without production downtime through emulation capabilities.

Integration
Integrate SAVOYE proprietary or third-party systems including automated and robotic, through standardized interfaces. Seamlessly communicate with third-party WMS via a single micro-service.

Control
Ensure 360° real-time visibility using a global supervision interface with dashboards for data analytics, KPIs and alert system for equipment status and operations.

Reliability
Optimize your system's sustainability with up-to-date technologies, cybersecurity standards, and easy implementation through a user-friendly web interface.

MORE THAN A WCS

KWEST extends beyond a WCS by seamlessly coordinating proprietary and third-party subsystems, with the capability to intelligently release orders and determine the most suitable system for execution. It provides unified supervision for a highly efficient warehouse management.

ENHANCING WMS CAPABILITES

KWEST works as a unified interface between any WMS and multiple subsystems, hence simplifying data exchanges. It has real-time data and provides real time answer time. Additionally, KWEST handles WMS functionalities, such as orchestrating the replenishment of inventory across multiple AS/RS subsystems based on their own decision rules/criteria.

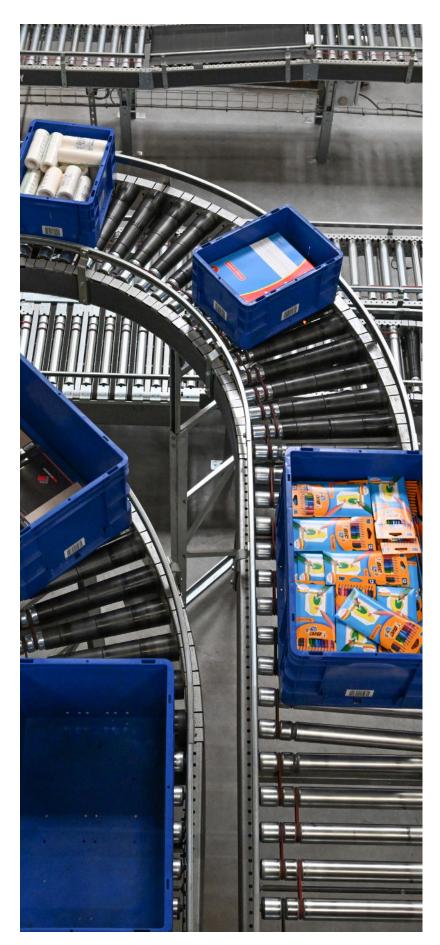## MULTI-TECHNOLOGY SYNCHRONIZATION

Real-time management of all your automated processes and equipment (Fixed and mobile AS/RS, pick & put to light, parcels conveying & sorting, GTP picking, pallet handling, packing & labelling...).

BROAD RANGE OF CAPABILITIES

Build on AI-driven algorithms, KWEST helps you achieve system orchestration, order management, picking management and storage optimization all in one.

MICROSERVICES ARCHITECTURE

KWEST benefits from rapid development technologies, a scalable microservices architecture, and maintainability through mature frameworks and open-source code. It ensures availability with low latency and a simplified architecture. Security is a focus with a proven design process, compliance, and proactive penetration testing.

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REACH WHAT MATTERS

ADVANCED TECHNOLOGIES

Automated picking
Automated storage
Automated packaging
Micro-fulfillment centers

ADVANCED SOFTWARE

Warehouse Management System
Transportation Management System
Order Management System
Warehouse Control System
Warehouse Execution System

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