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TECHNOLOGY GROUP

XyronQ

Intelligent Platform for Warehouse Configuration & Operations
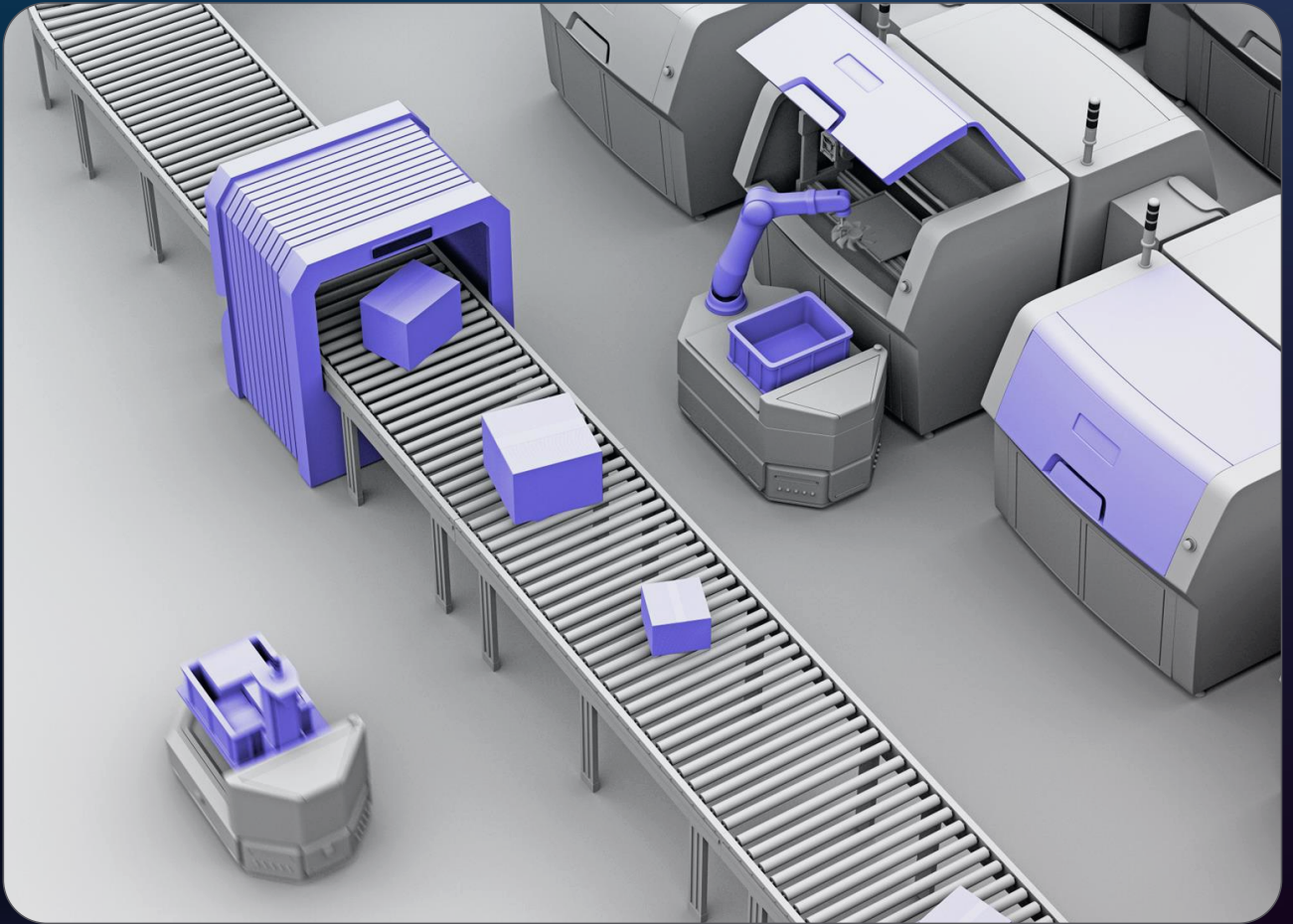
Transform Warehouse Automation with Speed, Precision, and Flexibility

Deploying automated warehouse systems is often slow, fragmented, and expensive. XyronQ changes that.

Built on the robust ArconQ framework, XyronQ enables **faster design, smarter configuration, and seamless deployment** of warehouse automation - all in one integrated platform.

What is XyronQ?

XyronQ is the intelligent control hub for designing, simulating, and orchestrating automated warehouses - from concept to go-live.
It offers a standardized, fully configurable environment to map assets, define material flows, and streamline operations with precision.

Key Capabilities:

Visual Warehouse Design:
Create a digital representation of your physical space. Intuitively build 2D layouts with common elements and instantly visualize them in 3D a digital twin of your warehouse.

Integrated Fleet Management:
Easily manage and orchestrate Automated Guided Vehicles (AGVs) and Autonomous Mobile Robots (AMRs) within your warehouse model for smooth, automated operations.

Modular Component Library:
Use ready-made components or define custom ones to match your exact operational needs.

Simplified System Integration:
Connect with PLCs, ERPs, and more through a dedicated Communication Hub using standard industrial protocols.

Low-Code/No-Code Approach:
Empower domain experts to configure systems with little to no coding - cutting reliance on developers.

Extensible & Future-Ready:
Optimised for warehouse automation, but flexible enough to scale across any industrial system with similar configuration and control needs.

Key Benefits for your Business:

Faster Deployment
Speed up projects with reusable modules and visual tools.

Consistent & High-Quality Results
Eliminate errors with standardized components and reliable architecture.

Total System Visibility
Real-time 2D/3D views provide a digital twin of your facility and processes.

Agile Reconfiguration
Update workflows, layouts, or equipment - no major rework needed.

Lower Costs
Slash development and maintenance through platform standardization.

Empowered Experts
Let operations teams model and adjust systems directly - no coding required.

Layered Architecture:

Physical
Define and visualize the physical layout of your facility, equipment and storage zones.

Transport
Configure the logical connections and possible movement paths for materials.

Process
Define the business rules and workflows for various warehouse operations and exception handling.

Communication
Manage data exchange with external systems, control devices, and IoT-interfaces.

Ready to Modernize Your Warehouse?

XyronQ brings speed, clarity, and control to warehouse automation projects - without the complexity of traditional approaches.

Visit us at macrix.eu or contact our sales team
for a consultation at sales@macrix.eu.