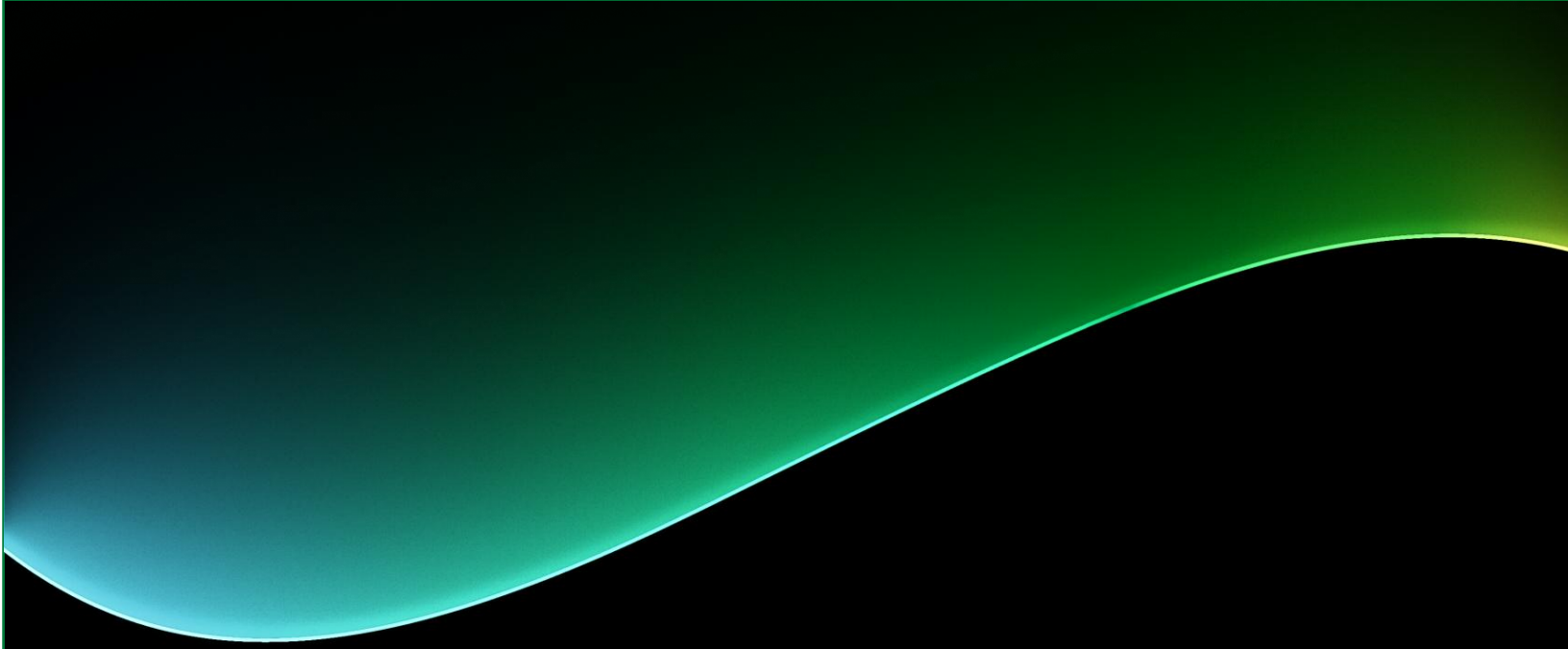




Brochure

Introducing
LYNQ APS FOR
SAGE X3

Intelligent Advanced Planning and Scheduling for Modern Manufacturing

Sage

A Natural Next Step for Sage X3 Manufacturing

Sage X3 provides a strong foundation for managing your manufacturing operations by bringing together planning, production, inventory, and supply chain processes in a single ERP.

As manufacturing environments grow, however, production planning becomes increasingly difficult to manage. More products, tighter delivery commitments, constrained resources, and changing customer demands create a level of complexity that traditional scheduling methods struggle to manage.

Many manufacturers continue to rely on spreadsheets to bridge the gap between ERP planning and shop-floor reality. LYNQ Advanced Planning & Scheduling (APS) closes that gap by transforming production plans into realistic, executable schedules.

Why Manufacturers Invest in APS

Manufacturers typically adopt APS to improve on-time delivery performance, reduce planning effort, increase throughput, improve resource utilization, and reduce costly changeovers and downtime.

Rather than reacting to problems after they occur, APS allows planners to identify bottlenecks, evaluate alternatives and make better decisions before production is affected.

Extending the Value of Sage X3

LYNQ APS works alongside Sage X3, utilizing production orders, bills of material, routings, work centers, resources and inventory information already maintained within your ERP environment. Planning decisions remain aligned with Sage X3, ensuring your ERP system continues to serve as the central system of record while providing significantly more advanced scheduling capabilities.

Designed for Your Manufacturing Environment	
Discrete Mfg. Coordinate complex production orders and routing dependencies. Balance workloads across resources, improve visibility across operations and increase schedule stability and delivery confidence.	Process Mfg. Optimize batch sequencing and manage recipe and material constraints. Reduce changeovers and cleaning time and improve utilization of production assets while maintaining consistency and control.

Intelligent Scheduling Designed for Manufacturing

LYNQ APS uses an intelligent scheduling engine that evaluates production constraints, available capacity, material availability, routings and operational dependencies to create optimized schedules in seconds.



Key capabilities include:

- Constraint-based scheduling
- Finite capacity planning
- Material-aware scheduling
- Automatic sequencing and optimization
- Changeover and cleaning rule management
- Bottleneck resource optimization
- Visual drag-and-drop scheduling
- What-if scenario planning
- AI-assisted scheduling recommendations

AI – Assisted Scheduling

The LYNQ Intelligent Scheduling Engine combines advanced scheduling algorithms with AI-assisted decision support to help planners generate realistic production schedules in seconds. AI helps planners identify bottlenecks, evaluate alternatives, and respond rapidly to changing operational conditions while reducing manual planning effort.

Beyond Planning: A Connected Manufacturing Platform

Many manufacturers accelerate their digital manufacturing journey with Advanced Planning & Scheduling. As operational maturity increases, LYNQ

can extend beyond planning and scheduling to create a fully connected manufacturing environment, linking production planning directly with shop floor execution and real-time operational data.

“LYNQ transformed our scheduling—what used to take constant manual effort is now automated.”

Heather Saucedo, Sr Business Operations Manager,
TransPak

Capabilities can be expanded to include:

- Shop floor execution and production tracking
- Labor management and operator performance
- Real-time production monitoring
- Manufacturing performance analytics and KPI dashboards
- Quality and process visibility
- IoT and PLC machine connectivity
- Automated machine data collection
- Downtime monitoring and OEE measurement
- Real-time equipment status and performance tracking
- Production event and alarm management

- Digital workflows and operational intelligence

When does APS Become Relevant?

For many Sage X3 customers, the need for advanced planning and scheduling emerges gradually. It is often driven not by a single issue, but by a combination of factors that make planning harder to manage over time.

LYNQ APS becomes particularly relevant when:

- Production complexity continues to increase
- Scheduling is still managed in spreadsheets
- Delivery performance becomes difficult to predict
- Resource bottlenecks occur frequently
- Significant manual effort is required to maintain schedules
- Visibility across production operations is limited

Regain Control as Complexity Grows

Whether you are managing hundreds of orders, thousands of operations, or multiple production constraints, LYNQ APS helps transform production planning from a manual process into an intelligent scheduling capability.

By combining the operational strength of Sage X3 with LYNQ intelligent scheduling technology, manufacturers:

- Improve delivery performance
- Increase resource utilization
- Reduce planning effort
- Minimize changeovers and downtime
- Improve operational visibility
- Respond faster to production disruptions

Many organizations initially adopt LYNQ APS to improve planning and scheduling. As operational requirements evolve, the platform can be expanded to incorporate shop floor execution, IoT and PLC connectivity, real-time production monitoring and manufacturing intelligence creating a fully connected manufacturing operation from planning through execution.

LYNQ APS and Sage X3

Transform Planning into a Competitive Advantage





High-Performance
Finance Software

POWERED BY 

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