MxAPS

for Microsoft Dynamics 365 Business Central

Drive Manufacturing Excellence with Advanced Finite Capacity Scheduling in Business Central.

MxAPS revolutionizes production planning and scheduling, transforming it from an inaccurate and time-consuming task into a responsive, repeatable, and highly accurate decision support activity. Seamlessly integrating with Dynamics 365 Business Central, MxAPS generates realistic and optimized manufacturing plans to maximize efficiency.

With its holistic approach, MxAPS drives operational excellence, improving not only the shop floor but also impacting key areas across your entire business.

Unlocking Efficiency and Success with MxAPS

- **Optimised Production:** MxAPS's advanced capabilities optimise production schedules, improving productivity through efficient resource utilisation and reduced bottlenecks.
- **Reduced Costs:** MxAPS minimizes idle resources, overtime, and excessive inventory, leading to cost reduction associated with resource utilisation and downtime.
- **Improved Customer Satisfaction:** Responsive and just-in-time scheduling fulfils orders promptly, reducing lead times and enhancing customer satisfaction.
- **Enhanced Production Efficiency:** MxAPS minimises setup and changeover times, idle time, and maximises throughput, improving production efficiency.
- **Better Resource Allocation:** MxAPS optimises resource utilisation, ensuring effective allocation of machines, labour, and other resources to minimise under utilisation.
- **Streamlined Operations:** MxAPS integrates activity modeling, routing, and segmentation, streamlining operational processes, reducing errors, and optimising production sequences.
- **Improved Planning and Decision Making:** MxAPS offers predictive maintenance, decision support, and configurable scheduling rules, enabling informed decisions, proactive maintenance planning, and optimised scheduling.
- • **Increased Profitability:** MxAPS enhances production efficiency, reduces costs, optimises inventory, and boosts customer satisfaction, leading to increased profitability.

Typical Users:

Manufacturing Companies

Production Planners and Schedulers

Plant Managers

Operations Managers

Inventory Managers

Supply Chain Managers

Operations Analysts

Production Engineers

Shop Floor Supervisors

HR Personnel

Small and Medium-Sized Enterprises (SMEs)

MxAPS

Advanced Scheduling and Planning
MxAPS offers advanced capabilities to efficiently schedule production orders based on priority, due dates, and sequencing rules.

Resource Optimisation
Optimise resource utilisation by allocating machines, labor, and other resources for maximum productivity.

Production Efficiency Improvement
Improve production efficiency by reducing downtime, setup times and maximising throughput.

Responsive and Just-In-Time Scheduling
Schedule production orders based on real-time demand, customer priorities, and delivery requirements.

Maintenance Planning and Downtime Management
Plan preventive maintenance tasks, manage equipment downtime, and minimise disruptions to the production schedule.
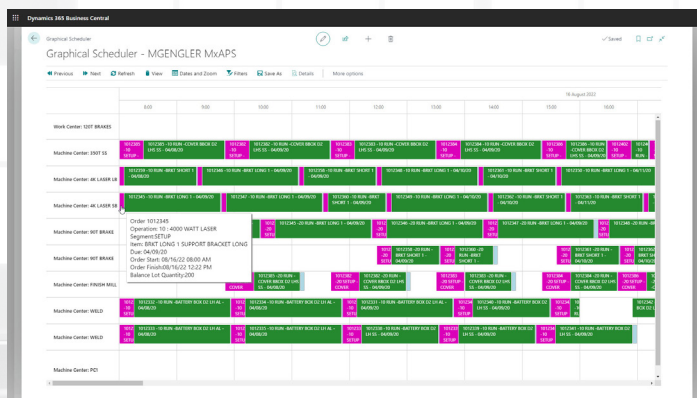
Inventory Management
Manage and control inventory by accurately scheduling and sequencing production orders, minimising excess inventory levels.

Sales, Finance, and Purchasing Support
Generate accurate schedules, optimise resource allocation, and facilitate timely order fulfillment for improved financial performance and customer service.
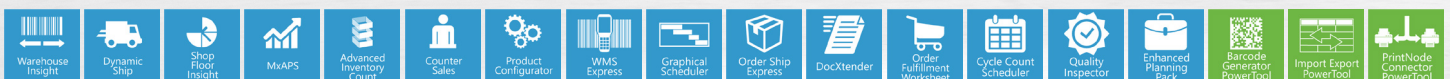
Visualization and Customization
Provide a user-friendly interface with graphical visualisation and customisable views to understand and modify schedules quickly.

Leaders in End-to-End Solutions for Manufacturing & Distribution

Warehouse Insight · Dynamic Ship · Shop Floor Insight · MxAPS · Advanced Inventory Count · Counter Sales · Product Configurator · WMS Express · Graphical Scheduler · Order Ship Express · DocXtender · Order Fulfillment Worksheet · Cycle Count Scheduler · Quality Inspector · Enhanced Planning Pack · Barcode Generator PowerTool · Import Export PowerTool · PrintNode Connector PowerTool

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