



AX

Microsoft  
Dynamics



# Microsoft Dynamics AX

## Production & Capacity Planning



### *Receive and plan orders with confidence*

At the heart of any Manufacturing process is a Production Planner, steadily maintaining the equilibrium between supply and demand in an environment where both political and economic uncertainty exists.

This is by no means an easy task. Sales predictions are often far from accurate, which leads to increased purchase exposure, idle machinery and underutilised production resources. Time is your most precious commodity, so wasting it erodes your ability to complete essential orders.

Receiving orders, but feeling uncertain as to whether you can deliver as promised is not ideal. Knowing what workload you can facilitate comfortably is about knowing your capacity constraints. There will always be elements that let us down, but when this happens, it's

how you handle the mishap and stay on track that keeps customers loyal.

When communicating with customers, obtaining informed and detailed information with regards to calculating what resource will be needed, availability of stock and whether you have any immediate constraints will determine whether you should take on the work now or defer it.

It all sounds so simple when sales staff take orders irrespective of how busy you are. However, from experience, accurate planning is about having total visibility of the production process, knowing what resource can be switched around to accommodate new orders and whether any bottlenecks will be created as a result. Being able to model the impact will give you a distinct advantage.

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### Key Features:

- Production Scheduling and Planning
- Load Planning
- Resource Planning
- Resource Allocation and Skills Matrix
- Machine Utilisation 360° Stock Visibility and Replenishment to match Demand Requirements
- Automated BOM creation and Routing Instruction
- Automated Creation of Production Orders and Job Scheduling
- Bulk Pick
- Shop Floor Data Capture
- Importing of Sales Orders
- Provide accurate Delivery Dates with confidence
- Dispatch Planning and Documentation

Microsoft Dynamics AX Production and Capacity Planning not only allows you to maintain a calm production flow over a continual 360° view of your business, but provides the user with a choice and an ability to simulate the effect of an under/over sales prediction to the likely outcome.

Microsoft Dynamics AX continually judges how many items are required to mirror estimated sales demand, highlighting shortages within the BOM, resource and skills well in advance which ensures adherence to delivery promises. Through in-built LEAN principles, wasted time and bottlenecks are identified early, releasing spare capacity by highlighting inactive plant and resource.

Capacity planning is an ongoing, strategic function that helps businesses address topics such as production efficiency, cost reduction, risk mitigation and alignment with business priorities. By creating an optimised plan, production will operate more pro-actively to help the company meet or exceed customer expectations.

For your company to thrive, it depends massively on your precision of planning to ultimately meet customer satisfaction expectations. Microsoft Dynamics AX aids you in this process, providing you with the correct tools to uphold a positive reputation with your customers.

### Related Products