



AX

Microsoft
Dynamics



Microsoft Dynamics AX

Project Based Manufacturing



Microsoft Dynamics AX for Project Manufacturing

There are different types of manufacturing, but none more complicated than Project based manufacturing. Projects often begin as a concept, which somehow develop to become a reality by combining multiple assemblies/sub-assemblies with multiple bills of materials and routing instructions. What makes this such a high risk industry is that finished items may not have touched the drawing board, yet a price will already have been given, leaving your business to absorb any additional cost that may occur.

Working within this industry, profit can easily be eroded through error and rework, so great emphasis is placed on the accuracy of the quotation process. Getting things wrong at this stage can be catastrophic and extremely costly for your business. Experience from previous projects often provides a guide as to the likely tasks, time and

requirements of an order. When a project depends on so many different factors operating in the right way, the risk of getting things wrong is often exceedingly high, especially at the planning stage.

In designing Microsoft Dynamics AX, Microsoft rewrote the software to cater for these imperative needs by combining the functions of Microsoft Project with that of Microsoft Dynamics AX to make both products seamless - removing any need for Project Server.

Microsoft Dynamics AX provides a vehicle upon which your project may be controlled from concept through to delivery. The software monitors the status of the project at all times, plans budget v's reality, visibility, and calculates realistic timescale for completion. As a result, Microsoft Dynamics AX helps you to maintain an accurate running cost for keeping the project on track.

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Microsoft Partner
Gold Enterprise Resource Planning



Key Features:

- Sales Estimation and Order Import
- Quotation Status, Revisions and Authorisations
- CAD Interfacing,
- Production Planning and Job Scheduling
- Finite and Rough Cut Capacity Planning
- Project Hierarchies
- Resource Planning, Calendars and Allocation
- Purchasing WIP and Shop Floor Data Tracking
- Automatic BOM creation, Routing and Revision Management.
- 360° visibility of Project Status, detailing Actual versus Estimate Comparisons
- Outstanding Task Reporting
- Stage Payments & Expense Management
- Revenue Recognition and WIP
- Standard and Adhoc Reporting

When the success or failure of your company depends entirely on the accuracy of your Project Planning, are you satisfied that you are doing everything possible to reduce business risk?

Microsoft Dynamics AX Project manages and controls manufacturing operations with ease and precision. Microsoft Dynamics AX has been completely rewritten to interoperate seamlessly with both Microsoft Project and selected CAD systems.

Centralised project data means information is available across the entire enterprise so that running costs remain accurate and invoices align naturally with project schedules. Bi-directional integration with Microsoft Project allows you to: extend project time and resource management; drive analysis and reporting; facilitate management; collaborate effectively with project teams; map and allocate resources as well as skills to project requirements; accelerate time to market; book time to project plans; know what spare capacity you have in reserve and

improve overall results.

Every decision is documented and controlled, giving you confidence and reassurance in the actions taking place based upon approved information. Workflow management and user activities in Microsoft Dynamics AX are built upon the principal of empowering users to perform their roles better, allowing you to swiftly notify the right people of any changes.

As procured items are only bought on a project by project basis, Microsoft Dynamics AX continually monitors stock movement, highlighting shortages and non-conformity, well in advance of need. Through in-built LEAN principles, wasted time and bottlenecks are identified early, releasing spare capacity, highlighting idle resources and ensuring project adherence is continual.

Microsoft Dynamics AX manages production time by presenting the user with a continual 360° vision of the entire production platform, no matter how complex, to determine the optimum resource utilisation.

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