AX

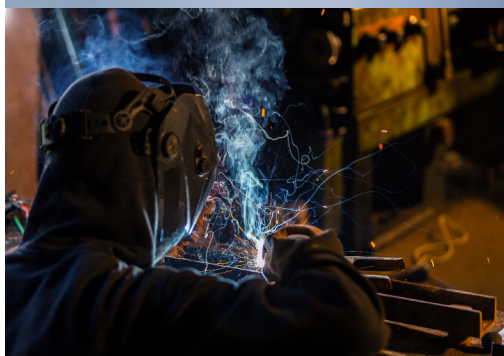**Microsoft Dynamics**

Microsoft Dynamics AX

Multi-Site, Multi-Plant Production

Uniting multiple sites as one operational unit

In today's ever reducing global economy, manufacturing across multiple sites and multiple countries is now common. Items or projects can now be requested from one site, and delivered from another, having possibly involved multiple other plants or third parties in the production process.

Aligning cross-plant Production Processing, Planning, balancing Stock and Resource can often become an issue if you do not have sight of external activity to your own business. It is common to find that although many organisations fall under the same umbrella company, they can operate completely independently, treating each other as customers/suppliers and sharing interrelated transactions.

The purpose of Microsoft Dynamics AX multi-site, multi-plant functions are to unite all sites as if they were one operational unit and form part of a group production process, whilst maintaining their individuality.

This feature addresses the multi-site production planning problem for a multinational company subject to: production import/export quotas imposed by regulatory requirements of different nations; the use of manufacturing plant/locations with regard to customers' preferences as well as production capacity; workforce levels; storage space and resource conditions at each of the factories.

Key Features:

- View production details across multiple plant locations
- Centralised repository of multi-site data and transactional information
- Distributed manufacturing controlled and administered through centralised control
- Cross company resource planning / sharing to increase effectiveness of enterprise
- Enterprise wide rough cut and finite capacity planning
- Multi-site / Multi-country production planning subject to quotas imposed by national regulatory requirements
- Enterprise Wide - Production Planning

Through a single instance of Microsoft Dynamics AX, numerous companies, all trading in their own way, may be added to the list of operating companies. Only additional user licenses are required, a little set up of the new company (depending on complexity) and within days your new acquisition is operational within Microsoft Dynamics AX and part of your group structure.

This functionality provides enterprise-wide benefits including: the control of multiple locations; 360° visibility of all stock and processes in all locations; local and group finances; allocations; sharing of data; enterprise–wide planning and collaboration between all departments.

Group level analysis allows for the reporting of lower level activity whilst consolidating financial information to group level highlighting the operational efficiency of each site.

Sales may be processed at one plant and actioned from another. Sub-assemblies may travel between sites to form part of a much larger project with automated paper trails and audits.

Microsoft Dynamics AX multi-site manufacturing provides a single data repository and through security controlled access, each entity can securely manage their own information without affecting other locations. Multi-level BOM's can be created for parts made in other facilities.

Demand for individual products used in all locations irrespective of country or location are automatically consolidated to form a single order. You can instantly distinguish the cross-company stock requirements and assortment mix by location for any given demand pattern to serve your production needs. The software allows you to reduce obsolescence and stock-outs through effective super-session management along with continuous trend analysis to improve use of working capital.

Integrate your business without difficulty using Microsoft Dynamics AX.

Related Products

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