UltiProject

Boosting profit margins for project-based manufacturing companies by optimising project management
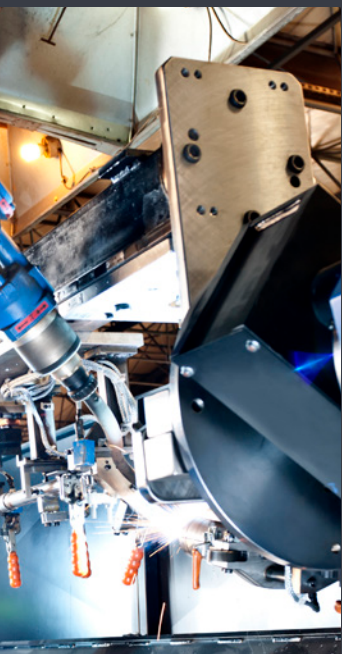
AD ULTIMA GROUP

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MORE IN-DEPTH

UltiProject (Project-based Manufacturing & Services) for Microsoft Dynamics 365 is a project management module, designed for engineering and project-based manufacturing companies. It is an easy-to-use tool for real-time monitoring of the costs and progress of each project. It includes many features for project managers and employees in various company departments, from sales people to technicians. UltiProject provides an overview of the project for a wide range of business services such as Engineering, Operations, Procurement, Production as well as for Maintenance and Service managers.

Our specialisation in project management solutions means that we understand the challenges faced by the management. Access to a clear overview of the project and its costs can be of major importance. UltiProject facilitates this process by offering a complete operational view via a project structure (WBS) and financial structure (CBS) supplied in real time by project-related activities. What's more UltiProject enables BOM's and project structures (WBS) to be linked regardless of their level of complexity.

A NEW CHALLENGE WITH EACH PROJECT

A company that offers bespoke industry solutions must adapt swiftly to the specifics of each project, its structure and its associated financial aspects. Its productivity and profit margins depend directly on the ability to consider all the various WBS and CBS streamlining options.

UltiProject for Microsoft Dynamics 365 addresses these needs by providing fast, accurate and up-to-date access to all the data necessary for operational management. In order to provide a better overview, all budgets, actual and committed costs and completion costs are directly available in aggregate form, which enables your company to make a clearer assessment of the situation and therefore the right strategic decisions.

AN EYE ON COST

In order to maintain satisfactory margins, project-based manufacturing professionals have to deal with complex cost issues. They need solutions that integrate multiple aspects of their business and provide clear information on the situation at each stage.

TARGET MARKETS

Project-based manufacturing and engineering

UltiProject is for professionals for whom each order is a unique project. Companies that offer bespoke industry solutions are required to handle complex and new structures. Adaptation to innovation is a must for them. They need a solid foundation as a starting block for each new project.

Engineering and services

Engineering firms rarely provide only their engineering expertise and deliver a finished product, especially when they provide project-based solutions and have specialist knowledge of the product to be supplied. They provide many services - maintenance, inspections, support - which must all be planned and anticipated.

WHAT IS ULTIPROJECT?

UltiProject provides numerous advantages for the efficient management of complex projects. You can be sure of the effectiveness of your undertaking and clearly assess the progress of its various components using dedicated features. You are aware at all times what has already been achieved and what work is still to be done in the design, production and installation phases. By integrating the organisation of logistics, synchronisation with subcontractors and customers and maintenance operations, UltiProject provides you with a truly comprehensive view of your project.

Facilitate project management by automating cost recovery

All transactions specific to a project are traceable through a project number: stock reserves, purchasing, production orders etc. This enables direct costs, such as purchases for design study tests and indirect costs such as purchasing components for a complex BOM (Bill of Material) to be monitored for each product. It is also possible to anticipate any long lead-time purchases without these being associated with a complex BOM. Automated calculations and real-time costs ensure visibility and maximum control over your margins.

Follow-up of all available resources in real-time

Data on labour, material and equipment resources are updated and directly integrated into the project monitoring function. This real-time view enables you to interchange components between projects, for example to meet deadlines. The software offers full component traceability through accurate monitoring of the component's movements and the associated costs.

Get an overview of your business

A centralised view of operational progress ensures that commercial and production activities are in sync. If this is not the case, dedicated warnings and indicators identify potential imbalances. This will greatly reduce the risk of lack of synchronisation between internal production, subcontractors and external requirements.

Collaborate seamlessly with customers

In the project-based manufacturing sector, customer interactions are frequent and decisive. From design to manufacture to maintenance, each project phase may require active client participation. In order to meet these needs, UltiProject has integrated the dynamic management of customer relations.

Integrate subcontractors into your workflow management

UltiProject enables you to manage subcontractors and their services, which allows you to maintain control over the entire work environment comprising the various company teams, clients and subcontractors.

Enjoy ERP-integrated document management

UltiProject' electronic document management solution means that all commercial documents, contracts, or technical documentation are accessible from Microsoft Dynamics 365. It is also possible to access an ERP document from the document management tool or the SharePoint collaboration tool. This will greatly increase the availability of your working documents regardless of your point of entry.

Stay directly connected with on-site teams

UltiProject includes mobility features for equipment maintenance with both offline and online modes. The software allows you to plan preventive or restorative interventions which fit into a geolocation module.

HOW DOES UltiProject WORK?

By centralising all the data, UltiProject ensures you always have accurate information on the costs, progress and profit margins of your projects. Based entirely on and fully integrated into Microsoft Dynamics 365, the module is based on standard ERP flows: finance, stocks, purchases etc.

UltiProject also allows the use of a complementary electronic document management tool and a collaborative platform. Each document received by email - invoice, contract, technical documentation - is integrated into the Document Management Solution, stored on SharePoint and made accessible from the ERP, the collaboration and messaging platform.

UltiProject provides an interface to the Product Lifecycle Management (PLM) system - PTC's Windchill. Full traceability of the product and any changes from design to maintenance is guaranteed

Maintenance operations are automatically scheduled and updated based on service classifications. After an intervention has been carried out, the status and characteristics of the device are updated. In addition to these planning functions **UltiProject** enables live and remote monitoring. During the intervention, the location of the technicians is available for each visit. The project report is then generated live from the mobile interface.

UltiProject allows you to link the BOM levels to activities within the project structure. Each task therefore appears in a way which is consistent with the project's progress. The balance sheet and decision making processes are accelerated and facilitated.

AN INTUITIVE INTERFACE

UltiProject's integration into Microsoft Dynamics 365 makes it fully transparent. It sits on top of the classic Microsoft interface for a perfectly intuitive user experience. Thanks to its symbiosis with the Office environment, the user is offered a familiar and ergonomic interface. Data is easily imported, exported and utilised by all company employees.

The intuitive user interface reduces training costs and increases workforce productivity. Users will also appreciate being able to customise their UI layout. They can remove items and change the appearance, without this affecting their colleagues' configurations. Customisable smart filters facilitate dynamic selections in any data set.

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Our experience of optimizing and automating manufacturing and distribution companies ensures we get to grips with your ERP project right from the very start. This helps us provide solutions to improve your operational management. Your company will evolve into an increasingly sustainable, growing organization.

Ad Ultima Group is happy to lead IT projects according to your employees' capacity for change and your organization's need for change. In order to work more efficiently, we make a particular distinction between what you definitely need and what other possibilities we might also be able to add.

Ad Ultima Group is the specialist in the development and implementation of software modules for companies that are active in project-based manufacturing.

The many years of hands-on experience in developing and customizing these software solutions has given Ad Ultima Group incomparable knowledge of manufacturing companies working internationally or on a regional scale.

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