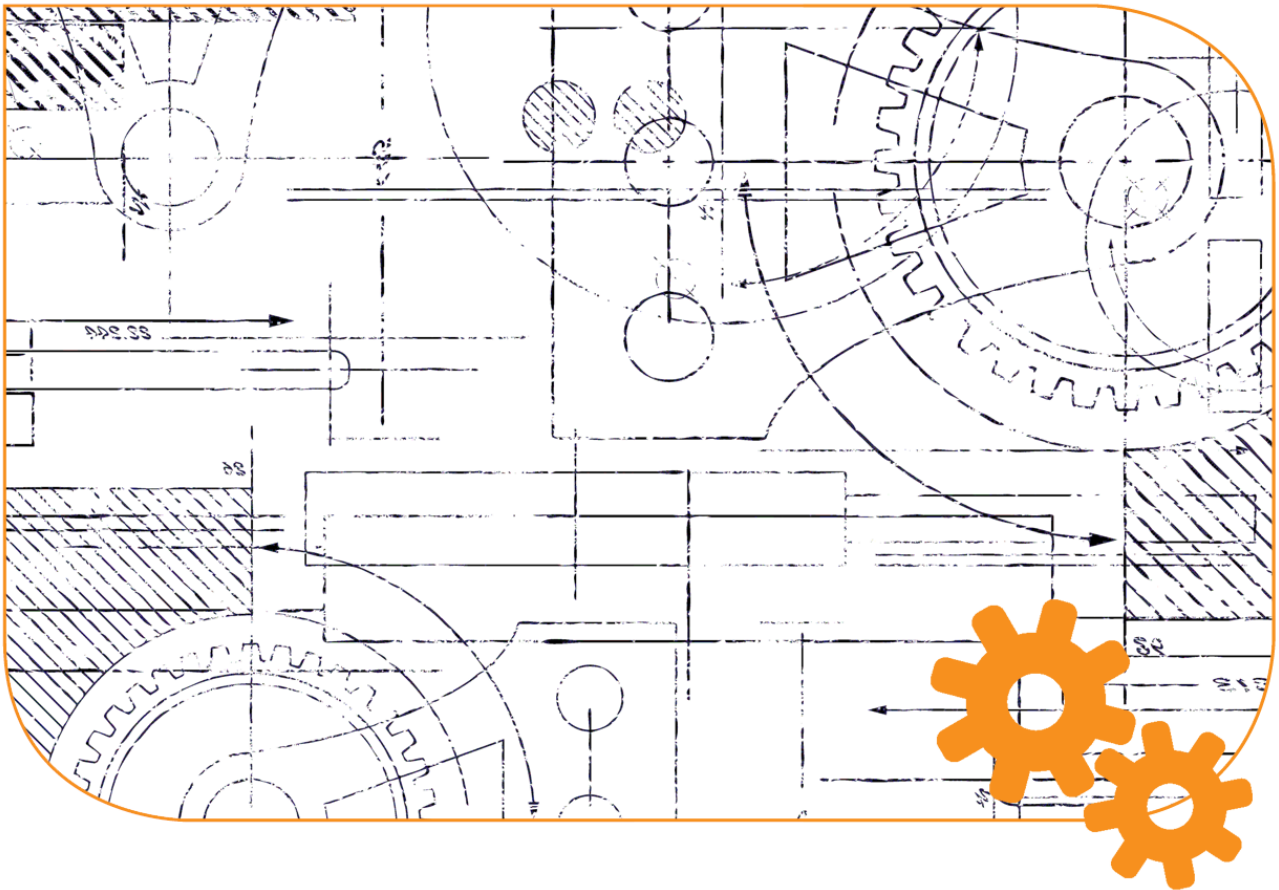




Microsoft
Dynamics NAV

Engineering:

the ERP solution for a complete job management,
certified for Microsoft Dynamics NAV



Microsoft Partner

Gold Enterprise Resource Planning
Gold Customer Relationship Management

Numero Verde
800-046126

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CUSTOMER BENEFITS

- Improvement of operational efficiency
- Improvement of control procedures on the manufacturing processes.
- Reduction of design time thanks to CAD integration
- Reduction of time of new product market introduction
- Simplification of phases of product development
- Management of each job with manufacturing process
- Optimization of administration and financial activities
- Reduction of time of estimates and budget elaboration
- Rapid information diffusion
- Fast management reaction thanks to integrated information.
- possibility to customize the solutions in order to support client processes.
- Improvement in customer service
- Simply monitoring
- Delivery Time calculation

Engineering is the vertical solution, based on Microsoft Dynamics NAV, for a complete job management, addressed to make-to-order companies.

Engineering integrates and completes Microsoft Dynamics NAV standard platform in order to allow the integration between business and manufacturing processes, reducing time and ensuring more financial and design control.

Solution benefits are extended to all business activities, simplifying operational, financial and logistics processes, thanks to information integration and to reduction of complexity related to financial and contractual management. The operational simplification ensures a reduction of time of new product introduction on the market.

Engineering satisfies the typical needs of the industry, such as:

- efficient and automated management of project phases, with planning instruments and with the integration of data provided by sales person;
- configuration and/or design of no-standard products;
- 360-degree cost control in order to monitor job advance and comparison between the estimated cost and the final cost;
- financial planning and cash flow management;
- automated insertion of bill of material data into CAD, integration of the project developed with CAD in the ERP.



FEATURES OVERVIEW

Configuration: configuration checklist for the selection of product attributes, with the possibility to have the detail of components in the Bill of material.

Project planning: multi-user functionality; structure calculation with materials, resources and manufacturing needs, possibility to create customized views; control of the entire project.

Job cost calculation: flexible calculation to support quotations; effective and forecast cost calculation; calculation of the entire job or for single component.

Elaboration of estimates: optimization of processes for the creation of quotation and estimates and reduction of elaboration time.

Order processing: rescheduling; change management; status management.

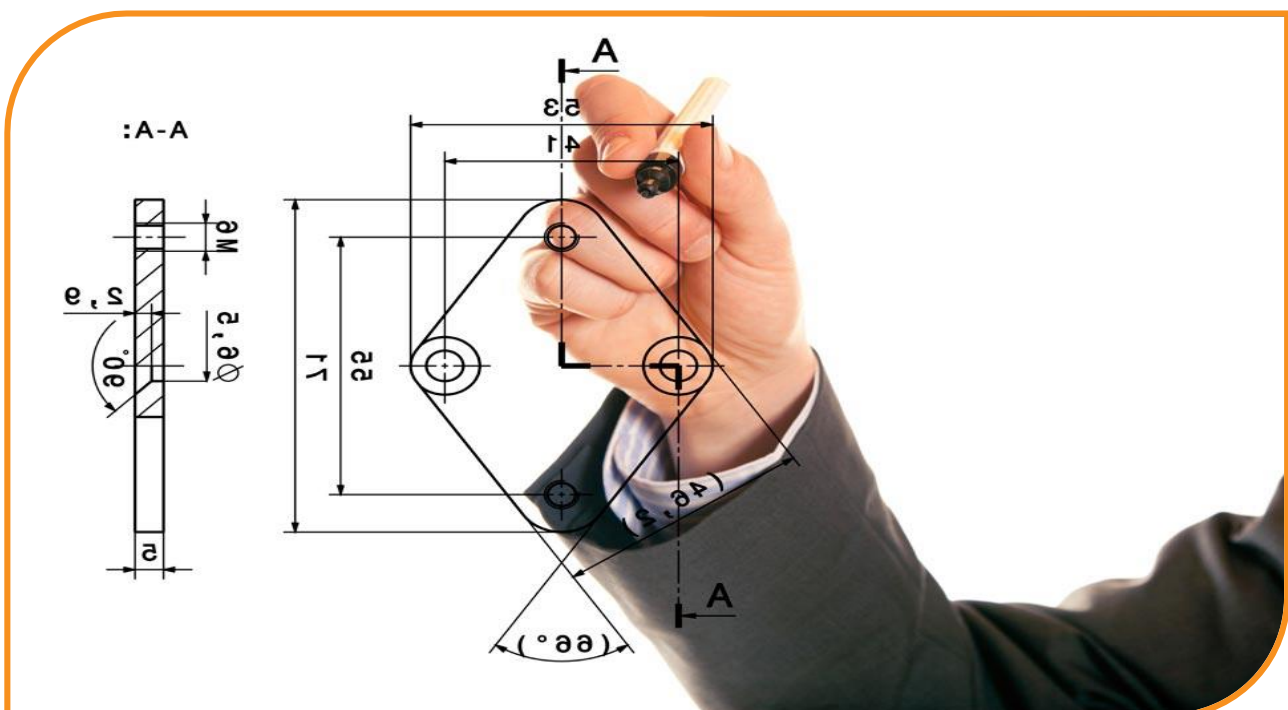
Order monitoring: graphical indicators for in progress orders, effective cost management, workflow integration, final cost calculation.

CAD integration: possibility to create technical documents exploiting integration between PDM and CAD systems; standard interface for CAD and PDM solutions; version management; item transfer and bidirectional bill of materials.

Native integration with Microsoft technologies: it exploits Dynamics integration with other Microsoft products (Office, Project, SharePoint, Power BI).

Analysis and reporting: information management, a summary and a detailed analysis to improve decisional processes.

Multi-language and multi-currency: it supports companies which want to work at an international level.



SUCCESS STORIES



PARCOL

Parcol is an Italian manufacturer that produces industrial automation products, including pneumatic controllers, control and safety valves, and pressure reducing stations.

Needs

The new business in China led Parcol to seek a new management and communication system that was integrated, efficient, effective, and easy to use. The aim was to obtain an efficient communication system in which information were available for everybody, not only in Italy but everywhere.

Solution

Parcol chose Microsoft Dynamics NAV with the vertical Engineering, an ERP solutions easy to integrate with design system already present in the company.

Benefits

New application development is very fast and multi language solutions are available. The navigation between data is really appreciated, the possibility to attach document enables to take information, at first on the paper and then to link them to the exact point in the system.



TES Transformer Electro Service is one of the main advanced technological companies in power transformer industry.

Needs

TES decided to implement an ERP solution because of the need to have an efficient instrument for job information management. In particular TES required a better planning and control of logistics and accounting aspects of the job. Moreover, different company departments were not totally integrated and the aim was to obtain an efficient management and communication system in which information were easily usable and available for every user.

Solution

TES has chosen Microsoft Dynamics NAV with Engineering.

Benefits

Engineering allowed to reduce more than 50% of job final data elaboration, increasing precision and accuracy of information.



Italproject has worked for more than 20 years in the planning and manufacture of automated "end-of-the-line" systems.

Needs

The needs of Italproject were: actual and simulated work scheduling, costing, resource planning and progress monitoring, dynamics cost accounting, automated warehouse management.

Solution

Italproject chose Microsoft Dynamics with Engineering, the advantages ranged from complete, integrated management of production, IT, and organizational systems to monitoring of production costs and instant analysis of financial and operational data.

Benefits

Integration between manufacturing and business processes, fast development of new applications, monitoring of job cost and dynamics control of cost accounting.



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