About PlannerOne® for Microsoft Dynamics NAV

In a context where ERP systems keep gaining traction in companies, PlannerOne® for Microsoft Dynamics NAV is ORTEMS’ range of collaborative planning and scheduling components, which drives performance optimization into the core of Microsoft Dynamics NAV. ORTEMS’ effective APS solutions and proven expertise have been widely recognized for more than 25 years in the manufacturing world. PlannerOne® for Microsoft Dynamics NAV with its two components, Production Scheduler and Resource Planner, is the appropriate, easy-to-implement and cost-efficient solution to optimize SMEs’ planning.

As a result of years of research, PlannerOne® for Microsoft Dynamics NAV is a revolution in production and resource planning and scheduling. Microsoft Dynamics NAV users benefit from advanced functionalities and graphics, from the ERP’s dynamic navigation, real-time production process integration and unified data management capabilities.

ArcherPoint
Phone:
+1.866.343.4517
+1.678.389.4283
www.archerpoint.com

www.plannerone.com
PlannerOne© Production Scheduler is the revolutionary scheduling solution enhancing manufacturing capabilities of Microsoft Dynamics NAV 2009 R2, 2013 and 2013 R2. Microsoft Dynamics users will access the best scheduling capabilities in real time, in a single click and at the best price / performance ratio of APS software on the market. PlannerOne© is developed using the latest Microsoft technology (Visual Studio 2013, .Net 4) and is integrated into the Web and Windows (RTC) client. PlannerOne© is a webapplication also accessible via Internet Explorer. The PlannerOne© Production Scheduler component uses web services to interact with the Microsoft Dynamics NAV functionalities, enabling real-time communications that accommodate the integrity requirements of the ERP manufacturing processes.

A collaborative planning tool

The PlannerOne© application is natively designed for a multi-user planning and scheduling process. The Windows (RTC) or web client can be used to customize the interface for users based on their roles in the company. PlannerOne© for Microsoft Dynamics NAV respects this Role-Tailored logic by giving all ERP users –based on their position– access to:

- Different views of lead-times and bottlenecks to support quick decision-making on production issues (capacity sizing, subcontracting decisions, work order time-shifting, etc...).

- Interactive planning capabilities and constraint-based finite-capacity scheduling algorithms that are integrated in real-time with Microsoft Dynamics NAV manufacturing process.

For example, a sales representative can display the schedule tab on an order screen and view the end date of the work order related to this order. Schedulers and planners are the main users of this component. They have access to several views:

- Resource, Production Order & Custom Gantt charts
- Load chart
- Resource Sequence list

Why PlannerOne© Production Scheduler ?

PlannerOne© Production Scheduler is enhancing Microsoft Dynamics NAV Manufacturing Module with:

- Constraint-based finite-capacity scheduling
  Multi-criteria scheduling dedicated to manufacturing objectives and constraints.
- Load balancing optimization with a list of useable work or machine centers
- Optimization of setup times based on multiple item parameters & setup matrix
  For realistic setup times and production campaign optimization.
- Grouping of production order operations
- Multi-resource scheduling thanks to synchronization links between parallel operations
- Graphical and interactive schedules
  Whatever the modifications in the plan or in Microsoft Dynamics NAV, PlannerOne© subsequently applies the changes thanks to a real time synchronization of the plan.

The latter guarantees a plan in accordance with manufacturing constraints.

- Configurable visual markers
  Provide graphical information about a specific constraint on any operation and implement a collaborative process until the problem is solved.
- Detailed schedule analysis
  Display the load at finite or infinite capacity to detect production bottlenecks.
- Take raw material availability into account By integrating MRP calculation.
- Simulations in a Work Plan.
- Key performance indicators and analysis of advances/delays.
- Customized navigation links
  Towards Microsoft Dynamics NAV or other applications (drawing display or pictures of parts for example).

Benefits

- Web component fully integrated in Microsoft Dynamics NAV
- CfMD solution (Certified for Microsoft Dynamics)
- Best price/performance ratio of APS software on the market.