

ARQUICONSULT

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VISUAL PRODUCTION SCHEDULER FOR PRODUCTION PLANNING



VISUAL PRODUCTION SCHEDULER

WHAT IS Visual Production Scheduler?

The Visual Production Scheduler is an extension to ERP Microsoft Dynamics 365 Business Central, dedicated to the graphic planning of production.

It is a solution with multi-user application, applicable to mono-operation or multi-operation production orders.

ABOUT THE Solution

A production planning solution is an essential component of production planning and control activities, since it ensures the efficient use of productive resources and minimizes unproductive times.

Given the dynamics of the market, and what is efficient today will not be tomorrow, it is fundamental that the application of production planning is intuitive, visual and easy to analyze and maintain.

On the other hand, the possibility of simulating different scenarios according to the forecast needs is an essential condition for responding to daily replanning needs in most current industries.

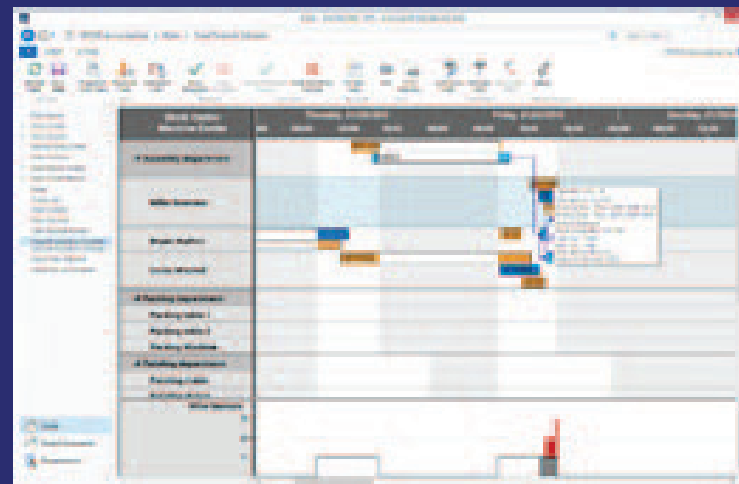
BENEFITS

The Visual Production Scheduler has benefits such as:

- Graphic presentation of production orders operations;
- Drag & drop functionality of production operations;
- Simulation of different production sequence scenarios;
- Balancing production lines according to internal and external needs: minimizing unproductive times;
- Allocation and automatic sequencing of production operations: fill the gap method or delivery date.

PRODUCTION planning view

Presentation in Gantt graphical format, in which each operation is represented by a bar, its length corresponding to its duration. The drag & drop functionality simplifies the movement and allocation of operations, depending on the timeframes to be met, available capacities, duration of each operation and precedence relation between the different operations. From the list of operations per allocate it is allowed to move an operation to a production line eligible for it. The presentation of complementary lists of operations visualization allows the consultation of more data about each operation.



It allows the configuration of different views by user, which defines the time scale to be used, the time per accessible, the work centers and the machines available.

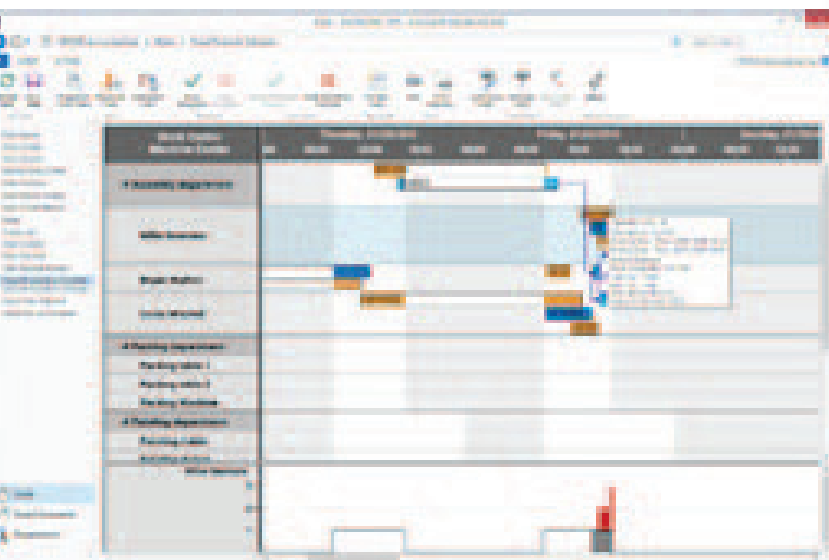
The use of different color bars facilitates the visual identification of the compliance status of the production order term and the availability of materials for its execution on the planned date.

Actions on Operations / PRODUCTION ORDERS

From the Gantt chart you can access a set of possible execution actions on an operation and / or production order, namely editing the data, setting the start date, closing the operation and / or production order, deleting the operation and / or production order and reversal of the operation allocation for productive resources.

Data query

Based on the operation, it allows direct access to the Production Order form in the Dynamics 365 Business Central, despite the tool tip shown in the chart, and allows the consultation of the list of materials required with indication of the expensable quantities, already consumed and the current stock.



Tracking

It allows you to track an operation with its subsequent or previous operations, by displaying the visual link between operations, and automatic sequential programming forwards or backwards. This method of viewing the links also applies to production orders. It is also possible to consult this information in list format, which includes the tracking for the sales orders when applicable.

FEATURES

The Visual Production Scheduler allows you to monitor and optimize production activities through a graphic planning of production orders,

with direct and immediate access to the variables that can influence the execution sequence of the orders:

- Capacity and availability of resources;
- Need and availability of materials;
- Satisfied orders.

Can your company easily and visually identify the activities of its productive resources, manage the available capacity, avoid bottlenecks and check deadlines all in one? Would you like to be able to simulate different scenarios of production sequences and immediately evaluate the impact to unplanned changes?

MATERIALS LISTS visualization

The availability of the components is a critical factor for the fulfillment of the execution period of an order. VPS supports this decision by graphing the components structure of each order, allowing you to simulate whether changes in start dates have an impact on component availability.

ABOUT ARQUICONSULT

Arquiconsult is an information systems consulting company, based on Microsoft Dynamics technologies, with offices in Barcelona, Bilbao, Lisbon, Luanda, Madrid, Oporto, Riyadh, Salamanca, Seville and Villa Real.

Composed by the largest and most experienced team of consultants, having already implemented some of the most complex Microsoft Dynamics Business Solutions and being frequently referred to international clients for their implementations in our country.

Arquiconsult is constantly innovating its offer and has several verticals available, for several activity sectors, which add value to Microsoft Dynamics 365.

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