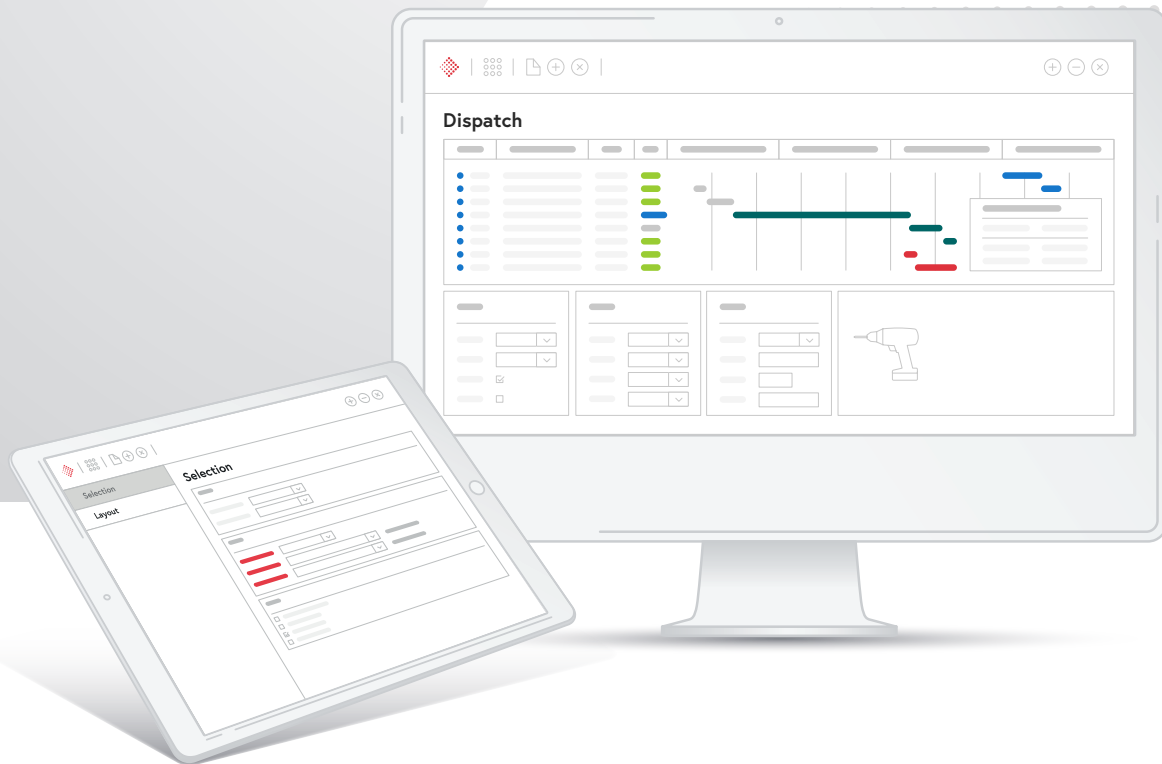# Production Planning & Control.

The planning software for manufacturing companies

The efficiency of the Abacus Production Planning and Control System (PPS) is defined by direct access to all necessary information and data.

The demand for flexibility is omnipresent in small and medium-sized enterprises. The rapid adaptation of production processes to changing conditions is becoming a decisive competitive advantage. Orders, for example, must be constantly adapted to changing circumstances, be it through additional parts list items or operations. The Abacus PPS actively supports you by providing you with suitable tools for this purpose.

Cost transparency in every phase

Cost transparency must be guaranteed at all times and in every phase of a production process. Even during the offer phase, it should be possible to compare multiple variants of the production process with each other. With these calculative evaluations of production orders and projects, Abacus PPS provides you with important data for strategic decisions.

The complete integrated solution

PPS was developed as an integrated module in the Abacus software system especially for manufacturing and industrial companies. Duplicate article and stock data records, key disposition figures and address information are eliminated.

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Production Planning and Control at a glance

Master data

- Material parts lists
- Work plans
- Provided resources (e.g. for tools)
- Internal transport and lay times
- Work instructions incl. images
- Archive digital documents
- Resource management
- Date-dependant cost rates per resource
- External services resources (extended workbench)
- Calendar with work time models per resource
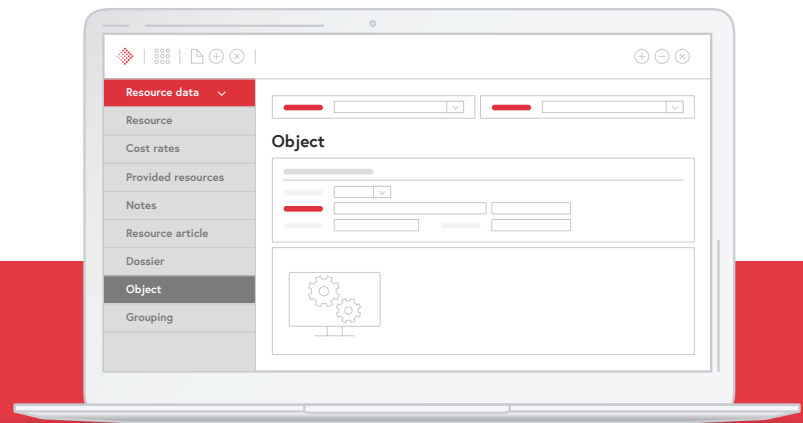- Where-used list and exchange components
- Preliminary calculations

Production

- Process-controlled handling of production orders
- Collective production orders
- Lead time determination (infinite planning)
- Order-related procurement (purchasing / semi-finished products)
- Booking of material purchases and hours worked
- Mobile solution for processing the worklist via PPS portal
- Where-used lists of batch and serial numbers
- Archive digital documents
- PDA interface (production data acquisition interface)
- Seamless integration into financial accounting
- Rolling post-calculation
- Calculation of work in process per key date

Planning

- Plan Manager for graphical user interface
- Planning functions such as resource level sequencing
- Simulation mode
- Workload overviews
- Selection of alternative resources
- Material availability overviews
- Component exchange (substitute products)
- Requirement analysis
- Material requirement planning
- Week plans
- Dashboards
- Efficiency statistics

Your benefits

- From production order to financial accounting - fully integrated comprehensive solution
- Seamless traceability of batch and serial numbers thanks to data capture at the source
- Cost transparency through rolling post-calculation of production orders

For more information visit: abacus.ch/production-planning-control

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