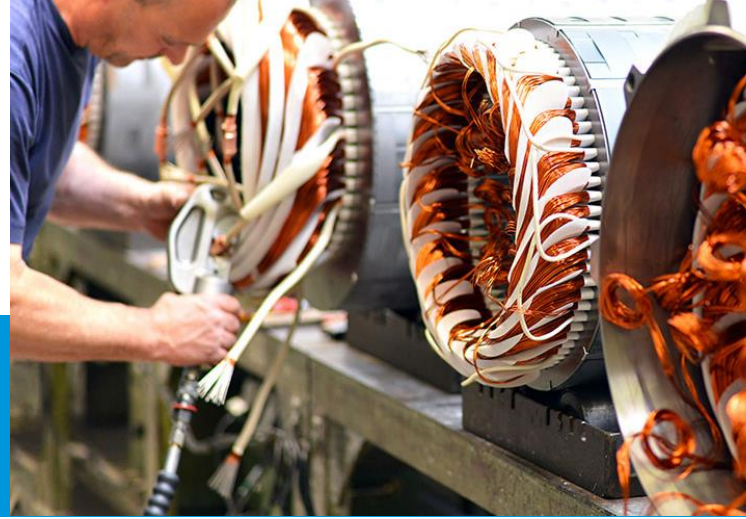


Planning & Control for Mechanical Engineering

Deliver faster with fewer delays and less firefighting. Reduce bottlenecks, improve schedule reliability, and make better use of machines, materials, and skilled labor across complex operation environments.



Full Material Readiness before Operations Start

Sync material demands with BOMs, and tasks starting times

Simulate What-If Operational Scenarios

Test alternative plans before changing live operations

Clear Operation Routing across All Processes

Standardize routing with setup, cleaning, and buffer times



Operator-Gated Process Scheduling

Schedule critical steps with qualified personnel only

Smart Assignment for Critical Assets & Shared Capacities

Align the right resources for the right job at the right time

Early Conflicts & Delays Prevention

Spot overloads, bottlenecks, and schedule conflicts early

Optimized for Planning & Control in Mechanical Engineering

planeus is an **adaptive, easy-to-use Production Planning & Control** system designed to manage the complexity of mechanical engineering and equipment manufacturing.

From machining, fabrication, and pre-assembly to final assembly and testing, planeus helps manufacturers improve delivery performance, prevent machine and resource conflicts, and increase the utilization of critical equipment and skilled personnel.

BOM-Driven Material Planning

- Calculates material demand by order, process step, and time window based on BOMs and workflows
- Helps ensure material availability on time and reduces shortages across production

Generating Actionable Plans with Setup, Buffer, and Overlap Times

- Integrates setup times, waiting times, buffer times, and overlapping steps directly into the schedule
- Creates more realistic production plans and improves resource utilization

Coordinated Planning of Shared Resources

- Plans machines, tools, and personnel across multiple linked process steps
- Prevents resource conflicts and keeps multi-stage production flows aligned

Qualified Personnel Allocation

- Ensures critical operations only start when the required skilled workers are available
- Reduces delays and supports reliable execution in high-complexity environments

Multi-Level Order and Assembly Planning

- Synchronizes pre-production, machining, sub-assembly, and final assembly
- Connects dependent orders and components to keep complex production networks on track

Early Conflict Resolution and What-If Simulation

- Identifies overloads, bottlenecks, and delivery risks before they impact production
- Allows planners to compare alternatives and take action early

planeus System Advantages

Modern Design and Cloud Architecture

- Integrates with ERP, MES and other production systems
- Can also run standalone, enhancing or replacing legacy systems without placing a heavy burden on IT teams

Regain Control Over Production

- Coordinates staff, machines, tools, and shift schedules
- Maintains clarity even across multiple parallel lines

Expect the Unexpected

- Alerts you to plan deviations triggered by process changes
- Detects and prevents production conflicts before they occur

Higher Output, Lower Effort

- Optimizes resource allocation to minimize wait times
- Enables scalable production even amid high complexity

Fast System Implementation

- Deployment typically ranges **within 3-6 months**.
- Start small with a **pilot system** in a controlled environment before making a full commitment

With deep experience in automotive and component manufacturing, planeus works directly with teams to ensure a secure & smooth deployment — fully aligned with your production processes and workflows.



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