



AERONAUTICAL SUB-CONTRACTING

Manage your sub-contracting operations in the aeronautical sector

In a sector which is notoriously demanding in matters of security, deadlines and quality, manage your activity with the help of an ERP which provides the essential functions you need to manage sub-contracting: project management, job-based management, industrial configuration, production management, traceability...

// An ERP designed for this demanding sector

Proginov ERP is designed to meet the demanding requirements of the aeronautical industry, managing the crucial processes of aircraft assembly, metalwork, founding, electronics, mechanical work (fabrication and maintenance of parts, engines...), plastic elements (plastic injection moulding, thermoforming...), industrial sheet metal work (folding, forming, cutting, working, ...), fabrication of adhesives, seats etc.

Effective management of sub-contractors is particularly important in industries governed by strict standards and deadlines, where quality and traceability are of the essence.

// From design to delivery

One of the fundamental challenges of the aeronautical industry is the need to manage a hectic order book while complying with exacting standards and requirements, all with a rapid rate of growth.

Helping you rise to these challenges, Proginov ERP offers a comprehensive tool which incorporates project management tools (designs, prototypes...), management of First Article Inspections, job-based management, management of upstream and downstream traceability, production (configuration, scheduling, resource management...), quality control and performance indicators.

Proginov ERP manages relationships with customers (after-sale services) and suppliers (tracking certifications, approval of sub-contractors). The solution is also compatible with EDI applications.

// Integrated management for aeronautics

Proginov ERP is a comprehensive, 360° system which allows users to satisfy the technical specifications of customers while abiding by the sector's rules and standards: risk prevention, quality control, compliance with security regulations etc. This ensures that the essential requirements of aeronautical sub-contracting are satisfied, while keeping deadlines and production costs firmly under control. Our ERP system allows you to calculate your short, medium and long-term requirements, keeping you one step ahead of the competition.

A fully integrated ERP

Quality and traceability



FAI management



Project and job-based management



Planning
(MRP, SOP, MPS)

FEATURES OF THE AERONAUTICAL SUB-CONTRACTING

JOB-BASED MANAGEMENT

- Job sheet
- Manage budgets
- Manage the job cost price
- Enter times per job
- Enter expenses per job
- Allocate resources (equipment, operators)
- Compare planned/actual data per job
- Analysis reports, dashboards
- Multi-job analysis
- Customisable statistics

PROJECT MANAGEMENT

- **Integration**
 - Link to job-based management
 - Link to resource management (equipment, people, teams and calendars)
 - Link to purchases and sales (sales and purchase orders)
 - Link to production management for integration into schedule
 - Link to Electronic Document Management (EDM) for storage of all documents and deliverables: i.e. plans, conformity certificates, control reports, FAI, etc.
 - Link to the workflow engine to facilitate communication between the various people involved in a project and manage approval processes
- **Secure database access**
- **Create project templates**
 - Centralise key project data such as general information, budget, constraints, progress, etc. (configurable data sheet)
 - Split up projects into phases and tasks
 - Estimate durations and provisional workloads for each task
 - Automatic consolidation of durations and workloads on higher levels
 - Workload progress as a percentage or in time spent
 - Project task dependencies and cut-off dates
 - Design and use configurable project templates
 - Cross-control workflows for processes (consistency of validated data by authorised staff)
- **Resource management**
- **View projects**
- **Budgets**

PRODUCTION MANAGEMENT

- **PLM (Product Lifecycle Management)**
- **Technical data**
 - Manage processes (production methods)
 - Manage bills of materials and routings
 - Manage workshop resources (work centres, machines, tools, etc.)
 - Manage indices
- **Forecasting/planning**
 - Company, team, operator, machinery activity calendars
 - Operator schedule per work centre
 - Time regimes
 - Sales and Operations Planning
 - Master Production Schedule (MPS) and sales forecasts
 - Graphic and dynamic views (Gantt chart) of the production plan (machine and tooling workloads).
- **Quality/traceability**
 - Manage batches/registrations
 - Batch characteristics
 - Print production controls
 - Control production quality
 - Control operation quality
 - Manage product nonconformity (8D files)
 - Manage certifications
 - Product history sheet
- **Monitor production**
 - Requirements planning
 - Manage releases
 - Schedule production orders, automatically or manually
 - Graphic and dynamic view (Gantt chart) of scheduling, machines, tools

- Release production orders with booking of component stock.
- Manage subcontracting
- Manage production work-in-progress
- Statement of production, consumption and operations (time spent)
- Operator productivity and productivity indicators (production report)
- Production indicator summary
- **Value and manage deviations**
 - Calculate standard costs of items
 - Value product stock at weighted average cost per unit
 - Actual cost of production, with origin of deviations
 - Production reports (summary)
 - Production frequency (average) of products over a given period
 - Measure activity and production load
 - Update technical data based on actual productions
 - Cost analysis (or cost allocation)
 - Configurable interfaces with numerically-controlled machines

CUSTOMER RELATIONSHIP MANAGEMENT

- **Manage the relationship and after-sales service**
- **Event-driven messaging (via ERP Workflow module)**
- **Mobility**
- **Manage resources**
- **Customisable dashboard templates**
- **Analysis tools**
 - Analyse late deliveries
 - Analyse account receivables
 - Outstanding receivables
 - Manage batches in anomaly (guaranteed time, return on date)

SUPPLIER RELATIONSHIP MANAGEMENT

- **Rank suppliers (compliance with deadlines, costs, etc.)**

PROGINOV // ERP Universe

