APROSOFT

Product Information

APROSOFT

All Data at a Glance!

APROPO
ERP in the 21st Century

The easy and transparent handling, the outstanding well arrangement and the fast individualization – without menu structure and function keys – result in high acceptance of the employees and guarantee a very short training period.

The comfortable and widely configurable production processes allow a quick start of production.
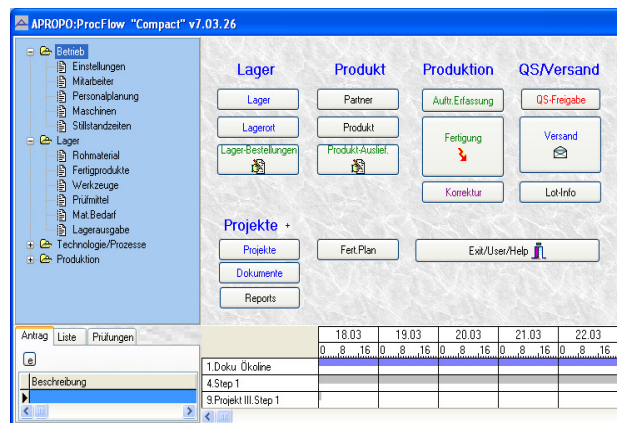
APROPO –
The Functional Areas

APROPO is a broad enterprise software for quality-conscious producing companies.

It covers the following areas:

➢ Material procurement
➢ Job preparation
➢ Production
➢ Quality assurance
➢ Inventory management
➢ Financial planning and control
➢ Project management

The software can be utilized by small to medium sized companies with up to 500 users – independent from the branch of trade.

APROPO – The Philosophy

Our software supports you at planning and controlling resources and processes in your company – through the complete production chain.

Clarity and transparency are our aims:

The innovative structure of **APROPO** directly represents the business processes. This makes possible an extraordinary fast navigation and configuration.

All information are displayed in lists in their natural hierarchy, their embedded structure or logical relationship. One example is the well arranged display of orders, planned deliveries and incoming goods in a hierarchical list to view at a glance.

Our architecture allows a fast configuration 'on the fly' as well as uncomplicated customer specific adjustments even with larger requirements.

Initial Screen ProcFlow Compact

APROPO – The Facts

Production

APROPO plans the resources and manages the workflow through the complete production chain.

The following applications are possible:

- Job shop and continuous production
- Produce to order and make-to-stock-stock production
- Process manufacturing

The production sequence with all resources (material, auxiliary material, tools) is assigned to the processes and thereby facilitates work-step related disposition of materials.

- Automatic production planning out of the production program
- Job preparation
- Scheduled disposition of the required resources through two-stage availability check
- Bills of material, tools, inspection tools, supplies, energy, …
- Specification of by-products possible
- Integration of external measurement and machine control software
- Shop papers
- Machine planning with **Cap**
- Automatic, semi-automatic and manual start and stop of production

- Production feedback and logging
- Standstill times
- Processing time calculation
- Production cost calculation based on the single process steps

Technologies / Work plan

The technologies provide a high degree of technical information:

- Configurable independently of the product – linkable by the product or the product class
- Qualification / locking system
- Any order of processes possible
- Definition of parallel processes
- Definition of start and passing-on quantities (recipies)

APROPO Production Lots

Processes / Manufacturing Processes

The production processes offer great configuration possibilities for high technical quality standards.

- ➢ Instructions, drawings, documents, references
- ➢ Production configuration through centrally scheduled nominal values and tolerances
- ➢ Protocol definition with evaluation formulas
- ➢ Planning of machine and measurement control
- ➢ Production time administration for each process
- ➢ Manpower requirements of the processes

Product

- ➢ Product and product class dependent bills of material, supplies, tools, etc.
- ➢ Order related changes in the bill of material and process properties
- ➢ Assignment of technologies
- ➢ Free definition of parameters, dimensions, properties
- ➢ Analytical process cost calculation and product price determination
- ➢ Attributes for qualified products: Locking of all process and technology information
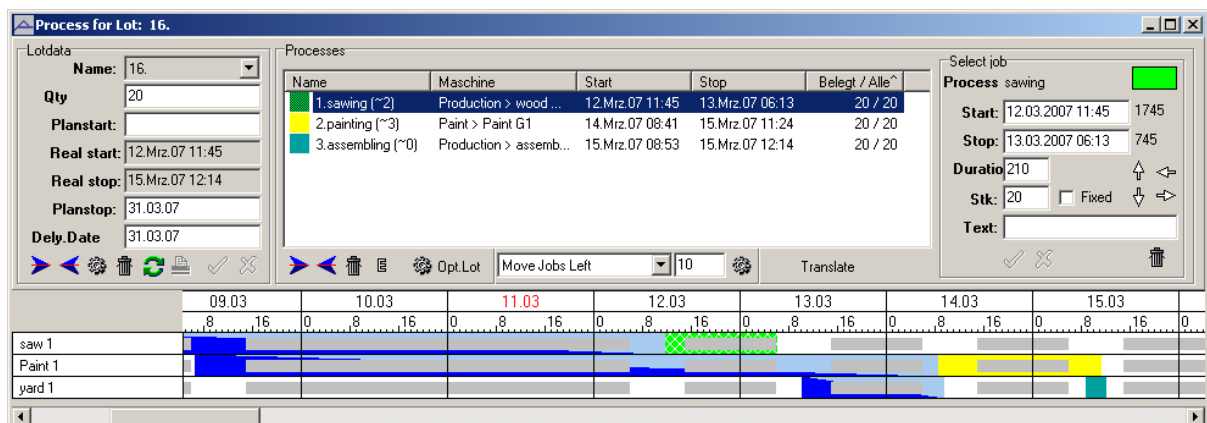- ➢ Revision management

Capacity planning

The graphical capacity planning helps avoiding bottleneck situations. It optimizes the machine scheduling and determines the manpower requirements.

- ➢ Automatic machine scheduling
- ➢ Foreward and backward scheduling
- ➢ Automatic adjustment according to current process stop date
- ➢ Manual changes of the lot-, process- and machine scheduling data by drag&drop
- ➢ Fixing of jobs possible
- ➢ Parallel production: splitting of processes to multiple machines
- ➢ Overlapping production: Consideration of overlapping time
- ➢ Work calendar including shift operation: labor and leave time, machine maintenance

APROPO Cap

Quality Assurance

Directly after production the QA makes sure that the produced goods comply with defined quality standards. Also at the goods receiving department a strict inspection is possible.

- ➤ Free definable quality characteristics and inspection instructions
- ➤ Analysis of variance, comparison target figure – actual figure
- ➤ FDA directive
- ➤ Evaluation of the EXCEL data from job preparation and production
- ➤ Inspection equipment administration

Finances

APROPO manages all price- and financial information and provides up-to-date financial overview and supervision:

- ➤ Financial status and accounting journal incl. report functions
- ➤ Automatic booking of defined business transactions
- ➤ Balance and Profit and Loss
- ➤ Actual- and target cost calculation
- ➤ Accounts, cost centers, cost types
- ➤ Tariffs for wages and all other price categories
- ➤ Tax categories
- ➤ Bookings in any currency
- ➤ Currency converter

Purchasing and Sales

Purchasing includes materials procurement, management of inventory, suppliers, manufacturers, etc.

The sales department is supported by all customer related functions:

- ➤ Administration of suppliers, manufacturers and forwarders
- ➤ Frame contracts with delivery schedules for suppliers and customers
- ➤ Detailed inventory management

- ➤ Warehouse- and storage location attributes
- ➤ Material requirement determination through customer/production orders and sales planning (Cosidering planned requirements)
- ➤ Automatic updating of all stocks
- ➤ Bottleneck monitoring and reorder level
- ➤ Incoming inspection and booking
- ➤ Manual inventory entries
- ➤ Administration of the customer contacts
- ➤ Clarification, invoice and shipping
- ➤ Claim management
- ➤ Customer, order and shipping history
- ➤ Administration of charges, expiration dates and test dates
- ➤ Customer- and supplier oriented item numbers

Statistics

The following predefined statistics can be evaluated and displayed according to criteria like customer, date, technology, workshop, machine etc.:

- ➤ Produced quantities, shipping
- ➤ Scrap analysis
- ➤ Standstill times
- ➤ Process parameters
- ➤ Protocol values and EXCEL values
- ➤ Material consumption
- ➤ Production cost, material cost
- ➤ Processing time
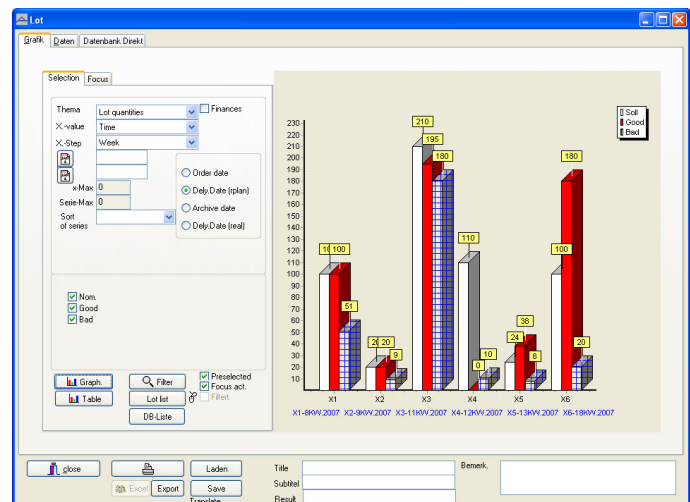
Statistical Evaluation of Production Data

General

- Role based authorization concept
- Change history for all data
- Document management
- Version management for products, technologies, processes and documents
- Multilinguism and multi currency ability
- Predefined and user defined reports, search routines and statistics

APROPO – The Modular Structure

APROPO is modularly built:

ProcFlow as basis version includes the complete functionality for planning and controlling of the production as well as a variety of functions from the other areas in order to organize the related processes in the company.

With **APROPO ProcFlow** it is possible to order and manage material, operate the incoming goods, produce with all detail functions and after quality assurance ship the goods.

The **APROPO Organization** module offers advanced functions for administration of in-house information like

- Project management
- Labor time management and shift planning
- Operation licenses, maintenance dates for machines

Furthermore it includes most of the financial functions.

The **Customer/WareHouse** module offers special customer related functions and warehouse management functions exceeding stock overview and incoming goods/goods issuing management.

The capacity planning **Cap** optimizes the machine scheduling according to several criteria and provides a wide range of functions and configuration possibilities.

The modules **Organization**, **Customer/WareHouse** and **Cap** are independently available and supplement the functional range of **ProcFlow**. All modules access the same database.
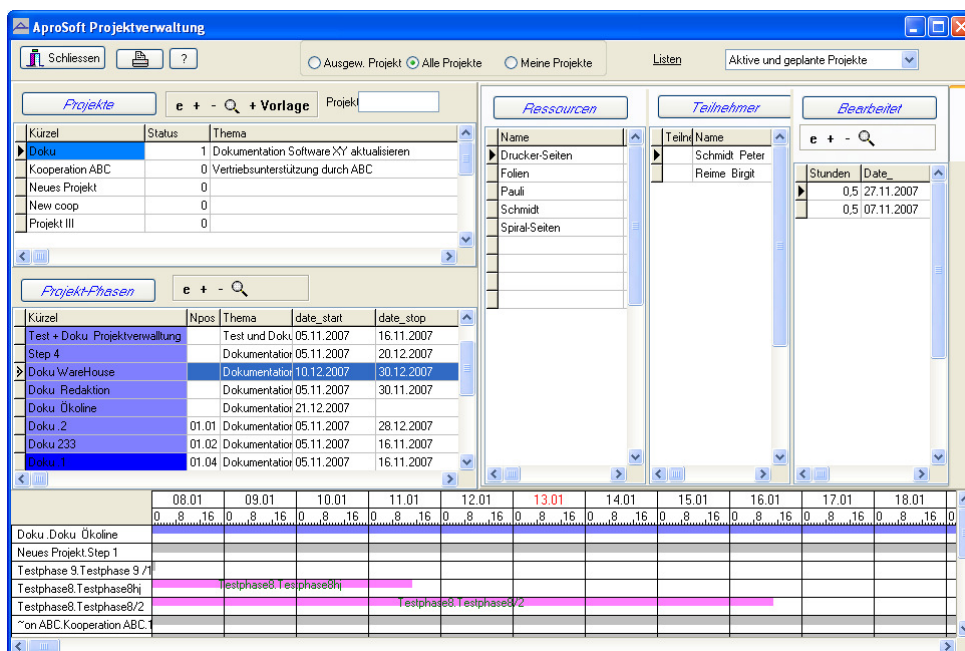
ProcFlowCompact

The ideal starter solution combines the most important ERP functions – acquisition, production and quality assurance – well arranged and well-priced.

The integrated project management supports you with planning and administration of your tasks.

It is also possible to supplement **ProcFlowCompact** with further modules at a later point of time.

APROPO Project Management

Portfolio
Products

ERP- Software: APROPO	
ProcFlow Compact	Compact Version
ProcFlow	ERP Basis from **APROPO**
Cap	Capacity Planning
Org	Organization and Finances
Customer / Warehouse	Customer and Stock Management
APROPOXLS	ERP Solution for MS-EXCEL
APROPOControl	Automatic Report Generation, Batch Functions
Aquisition	Sensor- and Event Interface for **APROPO**
Shuffler	Data collector for SPC -Applications
SPC-Software:	
aStat	Report Generator for STATISTICA (StatSoft Inc.)
Technical Software: (Control, Measurement and Interpretation)	
LFA	Laser Flash Software
Polish	Application for Electro Polishing
AF – Tester	AF Temperature Determination
Radialkraft	Measurement of Radial Force
Robkraft	Force Measurement with Robots
NC-Simulation	Simulation and graphic display of NC Programs
Oracle – MS-SQL (2005) Synchronizer	Bidirectional Database Synchronization with Consideration of Transactions

Services

Consulting	Selection and Dimensioning of ERP - Software
Support	For users of AproSoft Products
Training	For users of AproSoft Products
Adjustments	Of AproSoft Products
Technical Software	As contract work for special or new Problems

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