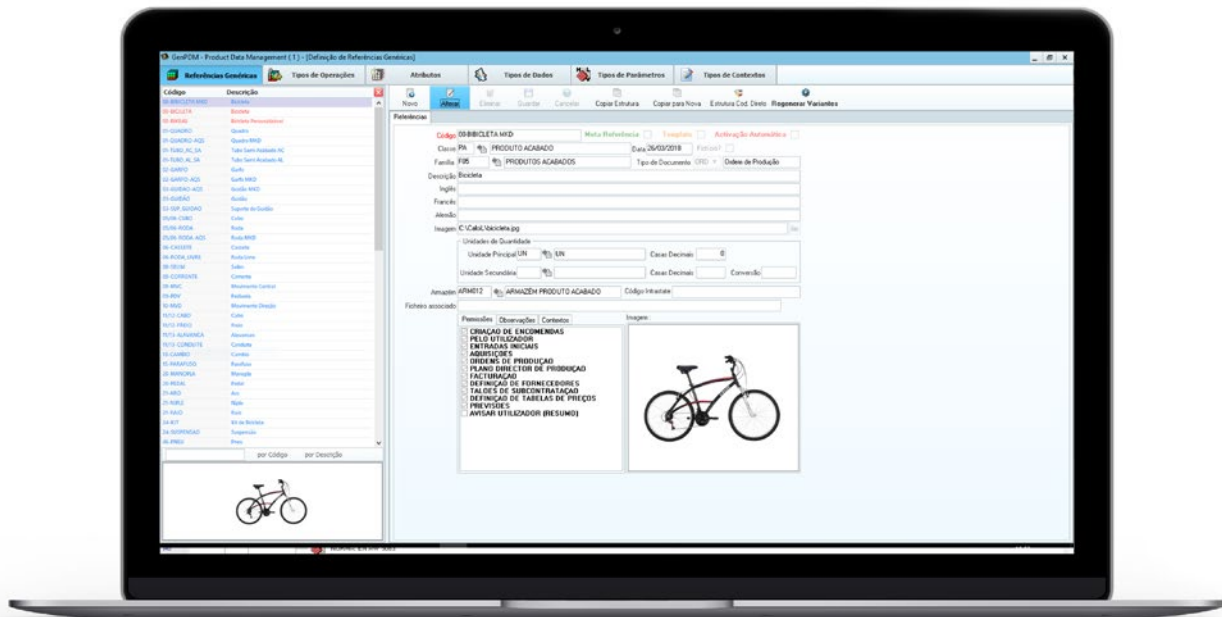


MAKING THINGS HAPPEN!



GenPDM

Product Data Management



CONCEPTS AND ATTRIBUTES

Representation of terminology specific to the organization and its meanings. Representation of the concepts used by the organization and the way they relate to one another. Representation of the properties, attributes and behaviors which are used flexibly and dynamically to characterize parts.

DEFINITION OF TYPES OF OPERATIONS

Identification and classification of the different types of competencies, internal or outsourced, which the organization recognizes as necessary to characterize the operations of the processes used in the production of different types of parts.

PART CHARACTERIZATION

Identification and characterization of all parts, from raw materials to final products, which the organization deals with. Tools, sub-products, supply kits, etc., are other types of parts that may also be represented in this function.

BILL OF MATERIALS MANAGEMENT

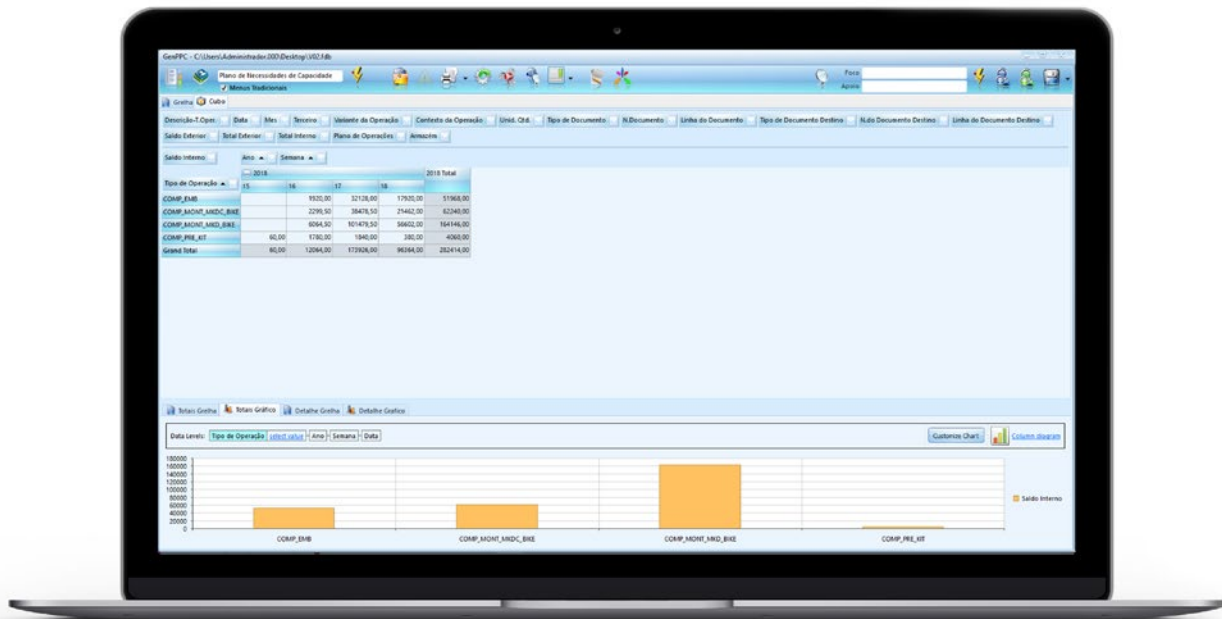
Definition of the part characteristics and rules of behavior that allow the automatic generation of their detailed Bills of Materials.

MANAGEMENT OF PROCESS PLANS

Definition of the part characteristics and rules of behavior that allow the automatic generation of detailed Process Plans (execution times, operation sequences, components and tools, etc.)

GenPPC

Production Planning and Control



COMMERCIAL MANAGEMENT - DEMAND FORECASTS AND ORDERS

Characterization of the clients' needs, represented in firm customer orders or demand forecasts. Definition and evaluation of the feasibility of the final products' delivery plans.

COSTS AND BUDGETING

It includes a set of tools that facilitate the evaluation of production costs for project budgeting and clients requests.

PRODUCTION PLANNING AND CONTROL (MID TERM)

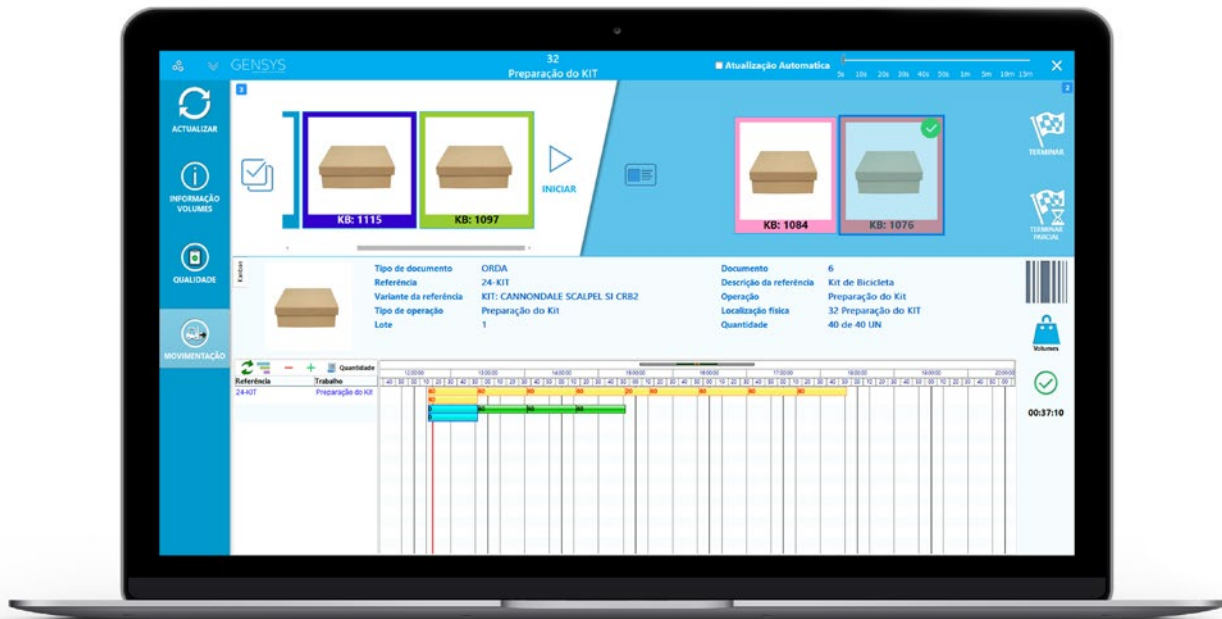
Master Production Scheduling, Material and Capacity Requirements Planning, Purchase and Production Order Launching. It includes a set of functions that allow the identification of all the parts to be produced or bought, in which quantities and when to launch the production and purchase orders, based on the clients' needs and the delivery plans established. The definition and evaluation of the capacity requirements for the execution and the comparison between this and the installed capacity (internal or external) is another of the functionalities implemented.

STOCK CONTROL - SUPERMARKET ENTRIES, MOVEMENT, INVENTORY

Programming of the parts entries, parts movements to and from the supermarkets and the work stations, parts return to supermarkets and parts shelving are some of the functionalities implemented. Real time monitoring of inventory (quantities, volume, location) in warehouses or supermarkets. Parts inventory - raw materials, semi-finished, final and in-production parts.

GenSFC

Shop Floor Control



PRODUCTION SYSTEM ORGANIZATION

Management of the information about all the elements (work stations, warehouses, supermarkets, transport systems, millruns, suppliers and clients) whose activities are coordinated by the system or that influence its condition.

PRODUCTION PROGRAMMING THROUGH ELECTRONIC KANBANS

Allocation and sequencing of orders to work stations for the execution of operations (Kanbans). Allocation and sequencing of orders to move parts between work stations and between work stations and supermarkets or warehouses (transportation Kanbans).

KANBAN EXECUTION MONITORING

Identification of the real status of the production system. Traceability of concluded production operations and all types of activities occurring in the shop floor (parts movement, maintenance, unscheduled workstation stoppages, etc.). Evaluation and comparison of standard times and costs with real times and costs, as well as evaluation of performance and attendance, nonproductive times and their causes, etc.

SYSTEM EXECUTION PROJECTION

Simulation tools that allows the user to predict the behavior of the scheduling system and to evaluate its future performance.

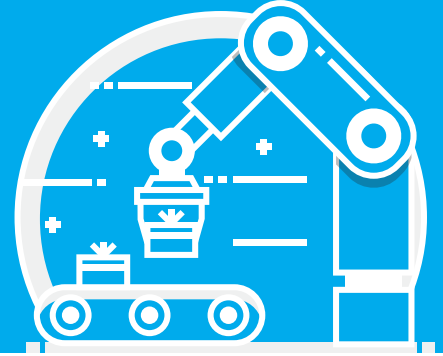
For more technical information, please visit our website

GENSYS - MISSION

Empower our customers with tools and knowledge to improve the efficiency and effectiveness of their production planning and control system.

AND VISION

Provide smart, flexible, powerful and fully integrated IT systems, as pillars to create groundbreaking solutions to drive the production planning and control system of your manufacturing plant.



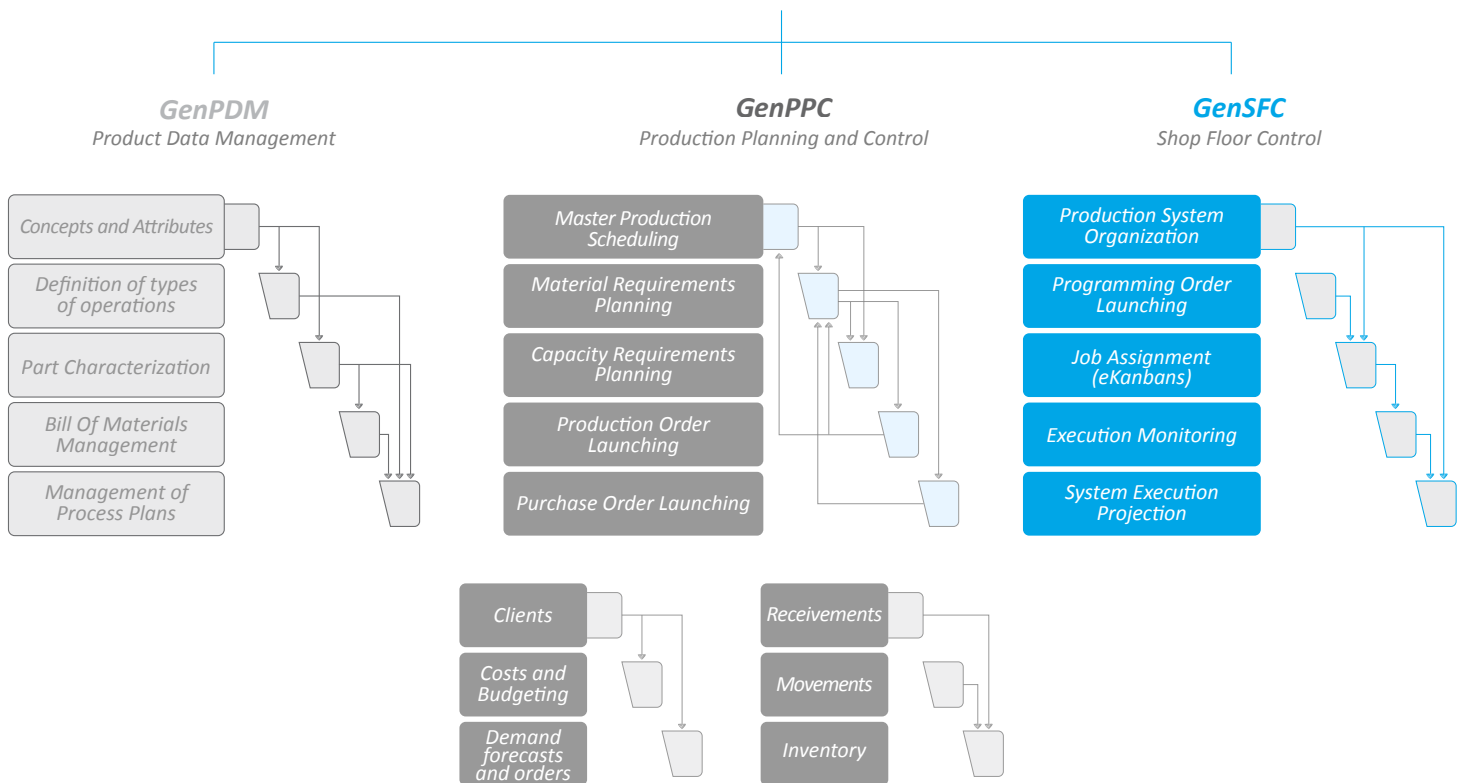
OUR SOLUTION

Innovative IT solution for production planning and control in high product diversity and mass customization environments.

The implementation of this IT solution along with consulting services in production organization and management, are some of the services that we provide to our customers in order to increase the performance and the reliability of their manufacturing systems.

SYSTEM OVERVIEW

GENSYS SMART PRODUCTION SYSTEMS



***GenSYS** is not a Decision Support System for your Organization.
GenSYS is a Smart, Flexible and Adaptable Decision System that with
your support **will make things happen** in your manufacturing plant.*