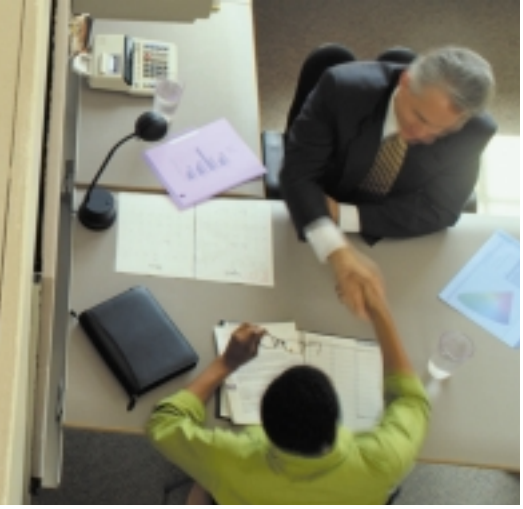

ADVANCED PRODUCT DEFINITION MANAGEMENT

WORLDWIDE BUSINESS SOLUTIONS

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System21 Manufacturing supports process, repetitive, discrete or any hybrid of the three production methods in a single, mixed mode or concurrent manufacturing environment. It allows you to choose the most appropriate methods for different parts of your business.

System21 Manufacturing supports process, repetitive, discrete or any hybrid of the three production methods in a single, mixed mode or concurrent manufacturing environment. It allows you to choose the most appropriate methods for different parts of your business. Process methods can be mixed with true schedule driven repetitive and discrete small batch methods as needed, giving the right solution for the right situation at all times.

System21 Manufacturing supports every level of the production process, from strategic planning to detailed control. It provides accurate and flexible reporting, production and product definition, timely planning and scheduling, with precise execution and control. By supporting best manufacturing practices, such as JIT, TQM and continuous improvement programs, System21 allows businesses to reduce inventories and working capital, and improve productivity and efficiency, resulting in real bottom line benefits.

System21 Advanced Product Definition Management provides the core information for production systems. It maintains an integrated database of materials, manufacturing methods, workstations, resources, operations, tools and utilities. In addition, it provides exceptional levels of detail, coupled with simplicity of operation, allowing process routes to be created and maintained easily. Text can also be created for materials and operations.

KEY FEATURES/BENEFITS

- integrated with other System21 applications
- bills of material, operations and routings are combined in a process route, allowing for the definition of multiple inputs and outputs at each stage of production. This forms a complete production model, ideal for use in multiple manufacturing environments – discrete, process and repetitive
- multiple process routes can be defined for all items. These may be either production or non-production (such as prototype) routes
- input items can be materials, labor, crews, utilities or non-production items, such as drawings or specifications. Features attributable to materials include potency, serial/lot control and substitution and run-out policies
- outputs can be co-products, by-products, waste, work in progress (WIP) or finished goods specific products can be built to exact customer specification using System21 Configurator

System21

Geac Enterprise Solutions™

SYSTEM21 MANUFACTURING SUPPORTS EVERY LEVEL OF THE PRODUCTION PROCESS, FROM STRATEGIC PLANNING TO DETAILED CONTROL.

- items can be defined as scheduled (repetitive) or production order controlled. Both models of production can be used on the same system for true mixed mode manufacturing
- the multi-plant facility enables multiple definitions of an item. The appropriate definition can be selected at will for planning, production and modeling
- individual operations within a process route may be defined as count points for WIP recording. Definition of count points, as quality control points, enables WIP to be held for quality testing, either manually or through the System21 Quality Management solution, and requires positive release of material
- process route changes – to both materials and operations – can be controlled by effectivity dates and through the change control system to provide a fully auditable change history
- labor grades and crews are definable with date effectivity and may be assigned to individual operations
- lineside stocking locations can be linked with specific workstations to facilitate backflushing and WIP control.
- receiving and issuing stock-rooms can be defined on the process route multiple shop calendars can be defined and associated with different workstations
- standard reporting facilities include single and multi-level explosions and where-used inquiries and reports
- cumulative operational loss or gain, shrinkage and yield at operation level can be calculated automatically
- flexible cost element reporting allows input of additional overheads during production reporting
- multiple co-product cost apportionment methodologies are available
- cost simulation or re-costing is facilitated through multiple cost sets by item, item range or item type. Simulation at single and multiple levels and optional retention is available
- each product can have an unlimited number of cost sets. For example, standard, current, future
- multiple methods of variable overhead recovery, including operator defined rates are provided
- costs can be calculated and held at operation level for costing and planning purposes materials are definable as direct, packaging, utilities or non-production
- flexible control of shop floor documentation
- configurable workstations support cellular manufacturing and group technology based production
- resource capacity can be defined by shift with variable shift profile definition.

GEAC ENTERPRISE SOLUTIONS™

In our rapidly changing real-time e-business world, enterprises looking for "The Power to Thrive"™ need look no further than Geac Enterprise Solutions™. With almost 40 years of experience in the industry, we offer feature-rich, reliable software and solid system expertise and creativity that let you drive your organisation to success. We also have skilled, intelligent people who can help you maximise your existing technologies as well as utilise today's e-business opportunities.

Furthermore, we can focus on helping customers like you get the most from your technology investments. How? By adding value to our core software applications and surrounding them with complementary solutions that truly allow you to thrive in today's mission-critical, e-commerce marketplace.

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