

GP MaTe Version 5 Specifications

System		
Server Requirements	The following server hardware and O/S platforms are supported: Intel PC with Windows NT, 2000, XP or 2003 IBM AIX HP HP-UX SCO Unix Linux (Recommendations for processor, RAM and Disk Storage depend on the number of concurrent users anticipated.)	
Client Requirements	Intel PC with Windows 95, 98, NT, 2000 or XP Operating System	
Communications	TCP/IP Network (LAN, Intranet, Internet)	
User Interface	User interface follows Microsoft Office Windows Standards.	
Floating Menus	The menu system supports user definable floating menus. This enables user to create frequently used menus for such items as reports.	
Help System	Screen and Field Level on line help (user modifiable)	
Security	Menu / Screen / Field level for Delete / Modify / View permission by user. Additional function level rights are assigned to users (e.g. approve purchase requisitions) along with approval limits (e.g. spending limits).	
Field Lengths	Unless specifically restricted, all fields are unlimited in length.	
Work Flow	Various objects (e.g. work orders, purchase requisitions, etc.) can be routed for action, approval or review. For example, incoming work requests (problem reports) will be automatically routed to the designated staff member in the appropriate department for action.	
Alerts	User can be setup to be alerted based upon any change to information in the system. For example, a supervisor can be alerted to overdue PMs, or a maintenance person can be alerted when his ordered supplies have been received. Alerts and Routings from Work-Flow can be Emailed to users when they are not active on the system.	
Localization	System supports multiple languages and localization standards. Screen display for all language packages can be modified by the user to better meet their site's needs. Current support exists for English, Spanish, French, Italian, Portuguese, and Chinese.	
Customizations	Complete tool set to enable end users the ability to customize screen text, menu layout, messages to users and reports. All customizations are automatically tracked by the system and are automatically applied to new releases.	
Client Update	The client program that is installed on each user's workstation is a small executable that is updated automatically from the central server. The User login process will automatically check for updated client programs and install the updates form the server.	

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Asset / Equipment Module		
	Equipment Identifier	Any length Alpha / numeric
	Hierarchy of Equipment	Unlimited Levels with Cost Roll-up
	Make / Model / Serial #	Tracked for each Asset, and any serial number tracked components that may be installed on the asset.
	Nameplate Data	UP to 20 User definable nameplate fields available per Equipment Type
	Warranty Information	Tracked for each Asset
	Procedures	Separate Safety / Work Procedures can be setup for each Asset. Any of these can be designated as mandatory, which then forces their inclusion in the work package.
	Drawings / Images	600+ formats supported, including CAD / Scanned Images / Office Documents, all with Redline Capabilities
	Process Safety / Management of Change	Assets can be tagged as covered by PSM / MOC, resulting in MOC Module Tracking.
	Repairable Assets	System will track the repairs on Assets, Sub-components and Inventory that are setup as repairable
	Bill of Materials	The Master Parts List objects connect Assets to Spare Parts Inventory. Only one Master Parts List required per Asset Make / Model

Inventory Control		
	Spare Part Identifier	Any length Alpha / numeric
	Pricing	Average Unit Price maintained by system. FIFO is available as an option.
	Reorder levels	Min / Max or Reorder Point / Reorder Qty supported
	Suppliers	Unlimited number of suppliers per part, with Manufacture Part # and separate Supplier Part Numbers. Also tracks last price paid by supplier and average lead times per supplier.
	Bin Locations	Unlimited number of bin or storage locations supported
	Usage	Automatic display of usage rates for previous five years
	Serial Numbers	Serial Tracked Spare Parts supported
	Repairable Inventory	Repairable Inventory tracked through repair orders, either in-house or via outside vendors
	Where Used / Where Installed	Linkages to Assets are through the Master Parts Lists. System then maintains where used and where installed.
	Reservations / Pick Tickets	Work Orders can reserve materials and generate pick tickets on demand or as part of work package
	Bar Code	Bar Coding is supported for tracking of inventory
	Cycle Counting	System supports variable frequency cycle counting for physical inventory counting
	Expiration Information	Lot numbers tracked for perishable / time-sensitive inventory
	Documents / Images	Documents and Images can be linked to inventory items for access form within GP MaTe.

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Maintenance		
	Work Requests	Optional work requests can be used for problem reporting
	Approval	Work Requests / Work Orders require approval, with approver costing levels supported
	Status	System supports: <ul style="list-style-type: none"> • Initiated (work requests or unapproved work orders) • Planned • Scheduled • In Progress • Completed • Cancelled
	Asset identification	Multiple Assets can be identified on a single work order
	Tasks	Work orders can have unlimited tasks. Each task can be planned and scheduled independently.
	Craft / Skill Levels	Work Order tasks can be assigned to user defined craft levels
	Work Descriptions	Unlimited text work descriptions, as well as identification of Procedures supported for each task
	Planning	Planning function available for identification of: <ul style="list-style-type: none"> • Craft Levels required • Estimated manpower per task • Spare Parts required per task • Direct Purchase Requisitions per task • Task Descriptions / Procedures / Drawings per task
	Scheduling	Graphic drag / drop facilities for populating a weekly / monthly schedule down to hours or days. Available resources displayed.
	Assignment	Graphic drag / drop facilities for assigning task to crewmembers down to hours of day.
	Work Package	Work Package can be printed or displayed at the workstation. Package can consist of: <ul style="list-style-type: none"> Work Order (condensed or detailed) Tasks (condensed or detailed) Pick Tickets Procedures Parts Lists Work Permits
	Process Safety / Management of Change	PSM/ MOC covered equipment will trigger the MOC module for any work order acting upon such assets.
	Unplanned Work Orders	Facility exists for efficiently reporting work actions after they have been completed without having to go through separate planning and completion steps.
	Completion Information	Completion of work order includes: <ul style="list-style-type: none"> • Identification of Actual Labor (Time card entry) • Identification of used inventory (Issue entry) • Equipment Downtime • Failure, Reason, and Action Taken Codes
	Repairable Assets	If a repairable asset is used to complete the work order, separate tracking of this repair is initiated.

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Maintenance (Continued)		
	Pick Tickets	Pick Tickets for reserved inventory can be printed at storeroom when scheduled or on demand.
	Projects	Projects can be setup and system will track budgets against the project with committed and actual costs.
	Account Codes	System will track multiple level account codes for labor and materials. Multiple account codes permitted per work order. Budgeting on account codes optional, showing committed and actual costs by month with complete detail.

Preventive Maintenance		
	Definition	PM Definitions can be created with multiple tasks, multiple Assets identified
	Calendar Schedule	PM Scheduling supports: <ul style="list-style-type: none"> • Unlimited Daily periods (e.g. 42 days) • Preferred Date Scheduling (e.g. Monday, 1st week of month) • Absolute Date Scheduling (e.g. Sept 1 and April 1) • Schedule tolerance for defining performance period prior to becoming overdue • Reschedule based upon completion date or by absolute periods
	Meter Schedule	Schedule based upon Equipment based or process-line operating parameters. Supports combination of meter and calendar schedule (i.e. 20,000 miles or 90 days). Bar code reader support is available for taking meter readings throughout the site.
	Inventory Reservations	When scheduled, PM will reserve materials or generate Purchase Requisitions
	Work Order Generation	When scheduled, system will generate a Work Order that can be added to graphic scheduling function with other work orders.

Inspections and Calibrations		
	Definition	GP MaTe permits the user to define multiple inspection types, such as Critical Calibrations, Mechanical Integrity, Safety, etc.
	Calendar Schedule	Inspection Scheduling supports: <ul style="list-style-type: none"> • Unlimited Daily periods (e.g. 42 days) • Preferred Date Scheduling (e.g. Monday, 1st week of month) • Absolute Date Scheduling (e.g. Sept 1 and April 1) • Schedule tolerance for defining performance period prior to becoming overdue • Reschedule based upon completion date or by absolute periods
	Meter Schedule	Schedule based upon Equipment based or process-line operating parameters.
	Inspection / Calibration Results	The results of the inspections are tracked by GP MaTe. Included are "as found" and "as left" parameters.
	Test Equipment	The system will track the test or calibration equipment utilized for the task.
	Problem Identification	If the equipment is unable to be calibrated, or the inspection found an out of tolerance situation, the system will automatically generate a corrective work order for the repair of the equipment.

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Purchasing (with Enhanced Purchasing Module)

Automatic Purchase Requisitions	Reorder levels will trigger PR generation automatically for stocked and non-stocked inventory
PR / PO Line Items	Unlimited number of line items supported
PR to PO consolidation	Easy to use consolidation function available to group PRs by vendor onto single PO.
Vendor Assignment	PR / PO line items can be assigned to multiple vendors.
Line Item Descriptions	Unlimited length line items description supported
Unit of Issue / Unit of Order	User definable order units with conversion supported
Currency conversions	Vendor currency conversion supported for foreign purchases
Account Codes	Multiple account codes supported per line item
PO Types	System supported separate handling for: <ul style="list-style-type: none"> • Inventory Reorder • Non-stock Ordering • Services • Repairs (vendor repairs) • Credit Card Purchases
Credit Card Purchasing	System supports credit card purchasing with end of month statement reconciliation
E-Procurement	Punch-out capabilities exist to permit the user to go directly to a supplier's web site for the ordering of parts. The system can then accept XML formatted purchase orders back from the web site to generate the PR/PO in GP MaTe.
Line Item / PO Status	The following statuses are supported: <ul style="list-style-type: none"> • Initiated (Unapproved) • Approved • Partial Receipt • Complete • Invoice Matched • Cancelled
Additional Charges	System can add additional charges to PO at receipt or invoice match for shipping, taxes, etc.
Invoice Matching	Invoice matching supported against partial or full receipts

Personnel

Employee Details	Full details for employment and personal information tracked
Assignments	Department, preferred shift, available weekly hours tracked
Craft / Salary rates	Employees can be expensed to work orders by an average craft rate or by actual hourly rates
Training / Certifications	Training and certifications can be tracked by the system
Security Levels	Each employee can be assigned access security levels for each of the functional areas in the system. These can be specified down to field levels for modify and view levels.

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Reporting		
	Report Generation	The system used Crystal reports, an industry standard, for all reporting and form generation. In addition an Ad Hoc report generation system is included to enable quick reporting on information in the system.
	Standard Reports	The base system includes over 150 standard reports. These can be modified by the user or used as templates for creating new reports. New reports can be easily added to the user menu structure.
	Report Types	The reporting capabilities include: <ul style="list-style-type: none"> • Columnar reports • Forms • Bar Charts, Pie Chars, Cross Tabs
	Data Export	Via Crystal Reports or the Ad Hoc Reporting tool, the following exports are available: <ul style="list-style-type: none"> • Text (delimited ASCII) • Excel or Lotus 1-2-3 Spreadsheets • Word Documents • Email • HTML • ODBC

Optional Modules		
	eCommerce Interface	GP MaTe supports various XML protocols (e.g. xCBL) for communicating eCommerce documents electronically for various purchasing activities. This permits users to quickly access vendor catalogues, place orders and determine availability and pricing while using the GP MaTe system.
	Interface to Microsoft Project	Interface permits the planning of work in GP MaTe with transfer to Microsoft Project for scheduling, using resource leveling. Work can then be tracked in GP MaTe and used to update the project.
	Management of Change (MOC)	The MOC Module supports the automatic startup of change actions based upon user definable questionnaires. The completion of these change actions can be tracked through a separate approval path to insure compliance with regulations. This module also includes an Incident Reporting capability for meeting corporate / government regulations.
	Enhanced Purchasing Module	The base system stops at Purchase Requisition generation and Receiving against Purchase Requisitions. The Enhanced Purchasing Module completes the purchasing functions with Purchase Order Consolidation, Vendor Currency conversion, and Invoice Matching.
	Bar Code Module	This module enables users to utilize portable bar code and data collection devices for Inventory Control, Work Order Management and Equipment Meter Readings. GP MaTe supports multiple vendor systems, as well as PDA devices and intrinsically safe portable units.
	Accounting System Interfaces	Several interfaces exist for passing one-way and two-way information to such accounting products as Great Plains, SAP, JD Edwards, BPICS, Colleague, Lawson, AccPac and PeopleSoft.
	CAD / Imaging	Several viewing / markup systems are available to enable users of the system to store, markup and view drawings, scanned images, word documents, etc.
	Account Code / Project Budgeting	This module enables users to setup monthly account code and / or project budgets. The system will then track committed and actual costs against these budgets.