

# Sabre64

By Rushton International

Complete Maintenance Management Software

**Taking your maintenance to new heights.**

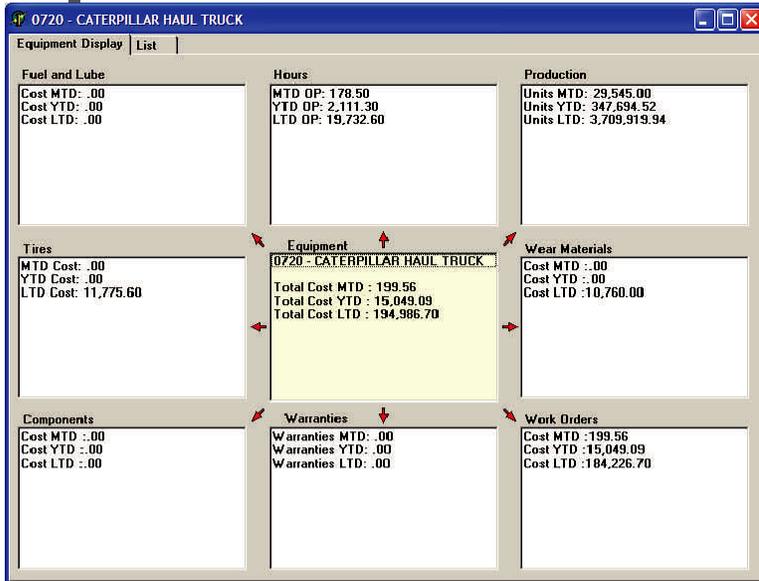
Sabre64 is a software package designed to take your maintenance program to new heights.

## Features

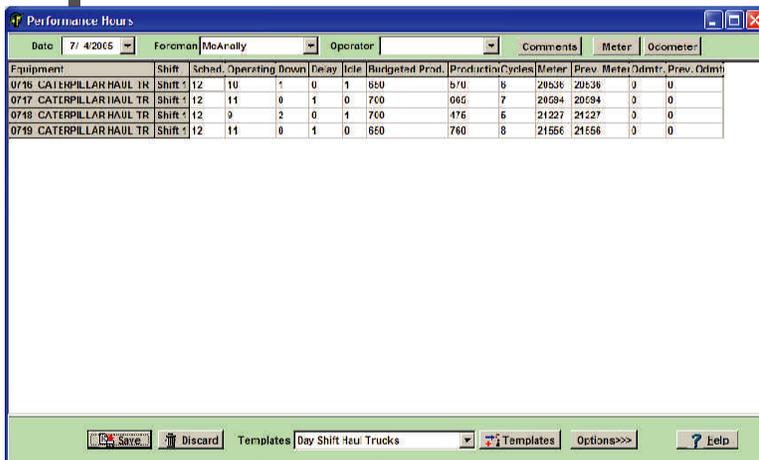
					
Equipment	Performance	Components	Tires	Fuel & Lubes	PM
					
WO & Schedules	Employees	Vendors	Warranties	Inventory	Purchasing

## Advantages & Benefits

<b>Fully Customizable</b>	Sabre64 is fully customizable. Fields, modules and reports can be adjusted to fit your environment; the program can be used stand-alone or networked for hundreds of users; and the software can be run in virtually any language. You work with a programmer one-on-one to ensure the package meets your specific expectations.
<b>Driven by Experience</b>	Sabre64 was created by maintenance consultants who have been installing maintenance programs since 1978. The people designing and improving Sabre64 know what you really need to make maintenance run smoothly.
<b>Complete Training</b>	Learning to use all the beneficial features a maintenance software package has to offer can be daunting. Sabre64 makes the process as painless as possible. Seasoned maintenance consultants come to your site for affordable training, easing implementation burdens and shortening the learning process.
<b>Versatile</b>	Sabre64 is versatile. Its wide variety of features and package options allow it to be used effectively as mining software, construction software, manufacturing software, transportation software, plant maintenance software, fleet maintenance software... you get the point.
<b>Advanced Reporting</b>	Entering and tracking data is pointless unless it tells you what you need to know. Sabre64 comes with hundreds of Crystal Reports to keep you informed about every detail of your maintenance program. Each report can be modified and customized, meaning virtually unlimited reporting capabilities.
<b>Affordable</b>	Sabre64 is affordable. Some of our competitors charge as much as 10 times more for software with the same capabilities. Many packages and financing options are available to fit your budget.

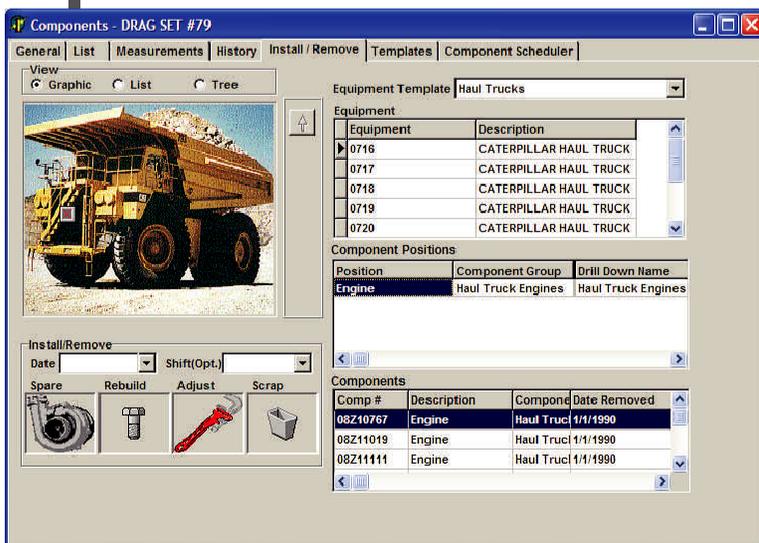


Equipment Snapshot Screen



Equipment	Date	Forcman	Operator	Comments	Meter	Ocometer
0716 CATERPILLAR HAUL TR	7/ 4/2005	MeArally				
0717 CATERPILLAR HAUL TR						
0718 CATERPILLAR HAUL TR						
0719 CATERPILLAR HAUL TR						

Performance Data-Entry Screen



Equipment	Description
0716	CATERPILLAR HAUL TRUCK
0717	CATERPILLAR HAUL TRUCK
0718	CATERPILLAR HAUL TRUCK
0719	CATERPILLAR HAUL TRUCK
0720	CATERPILLAR HAUL TRUCK

Comp #	Description	Compon	Date Removed
08240767	Engine	Haul Truc	4/1/1990
08211019	Engine	Haul Truc	1/1/1990
08211111	Engine	Haul Truc	1/1/1990

Tires, Components & Wear Materials Install/Remove Screen

## Equipment Snapshot

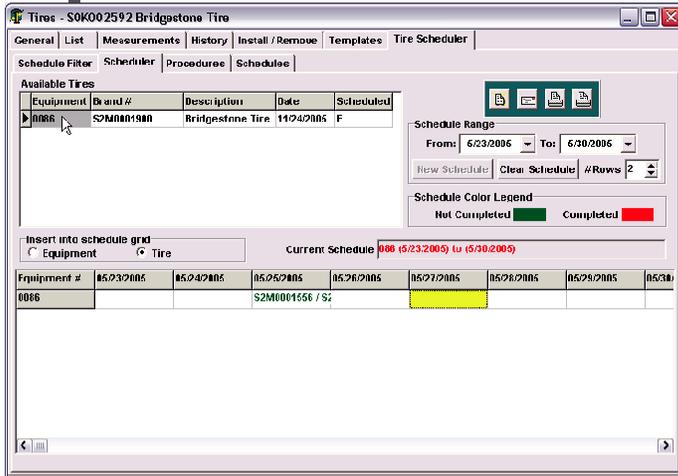
- Provides an active summary of costs for each piece of equipment.
- Displays individual cost categories (fuel/lube, tires, components, work orders, etc) and total costs.
- Allows you to view a cost snapshot of a piece of equipment, helping you quickly determine if more in-depth analysis is needed.

## Performance

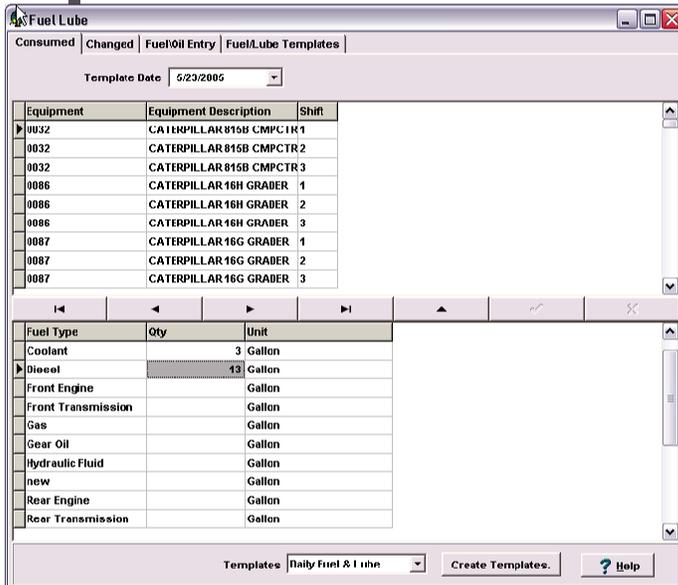
- Keeps track of vital equipment statistics: operating hours, meter hours, down time, delay time, production units, etc.
- Supplies information that is essential for informative performance reports and effective equipment monitoring.

## Components/Wear Materials

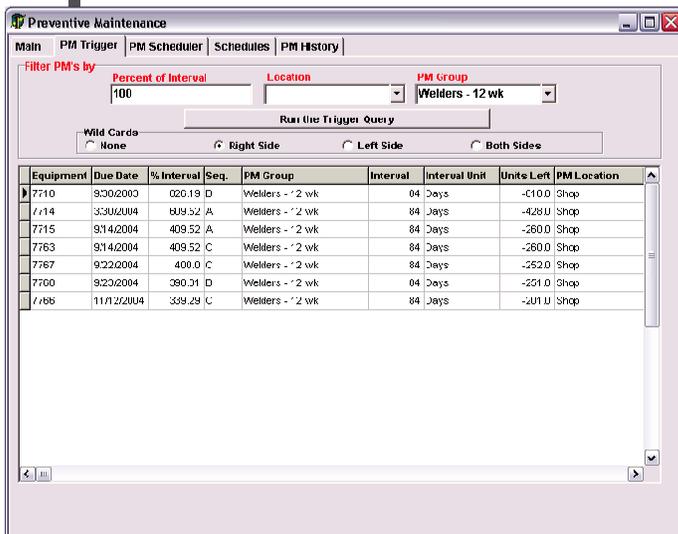
- Monitors components and wear materials with two separate modules, fulfilling unique reporting requirements.
- Tracks performance and costs of each individual component/wear material.
- Calculates a projected date for the “death” of a component/wear material, giving you time to schedule the change-out in advance.
- Alerts you when a component/wear material is due for change-out.
- Allows you to schedule the change-out of components/wear materials nearing the end of their projected lives, preventing parts from failing while in service.
- Tracks warranty status on individual component/wear material.
- Graphically shows exactly where a component/wear material is located on a specific piece of equipment, allowing you to electronically install or remove a component/wear material using simple drag-and-drop techniques.



Tire Scheduler Screen



Fuel/Lube Consumption Screen



Preventive Maintenance Trigger Screen (Finds due PMs)

## Tires

- Tracks performance and costs of each individual tire, helping management make educated decisions about tire purchases.
- Calculates a projected date for the “death” of each tire, giving you time to plan and schedule change-outs in advance.
- Alerts you when a tire is due for change-out. - Allows you to schedule the change-out of tires nearing the end of their projected lives, preventing tires from failing while in service. - Tracks warranty information and monitors the status of a tire’s warranty.
- Graphically shows exactly where a tire is located on a specific piece of equipment, allowing you to electronically install or remove a tire using simple drag-and-drop techniques.

## Fuel & Lubes

- Monitors fuel and lube consumptions and costs for each piece of equipment.
- Monitors the amount of fuel/lubes used during normal operations and change-outs, allowing you to spot consumption increases that could signify a problem.

## Preventive Maintenance

- Optimizes the use of scheduled down-time by helping you organize equipment into groups with identical PM requirements.
- Creates PM intervals, patterns, events and sub-events for each PM group (one-time setup).
- Ensures timely completion of PMs by alerting you when a PM is due or approaching.
- Allows you to schedule upcoming or due PMs targeted by the alert.
- Helps you create and print detailed work sheets for mechanics, increasing job accountability and ensuring jobs are done correctly and thoroughly each time.

**Work Request**

Work Request | Work Request List

Create Work Order | EMAIL W.R. | Help

Repair Code: A.C Drive M.G. | A.C Drive M.G. | Request Date: 06/03/2005

Failure Code: CHANGE OF PI | MOVE CABLES | Date Down: 01/04/2006

Originator: Gray, Mark | Time Down: 8:55:55 AM

Equipment: 0713 | Date Up: 01/04/2006

Equipment Location: OFF-SITE | Time Up: 8:55:55 AM

Location Code: [Empty]

Description: Back right tire low.

Work Request Screen

**Work Order - D3877 - The tram hydraulic hoses need to be replaced. The**

Work Order List | Work Order | Work Order List | Claims

General | Labor | Parts | Vendor | Attached Files

Work Order #: D3877 | No Available Warranties

Repair Code: Hyd. Sys | Hose | Check for Warranty

Failure Code: Hydraulic | Leak | Close Out

Work Order Belongs To: Equipment (selected), Component, Non-Equip

Equipment #: 0603

Component #: [Empty]

Non-Eq Asset: [Empty]

Equipment Location: [Empty]

Location Code: [Empty]

Next PM Due: 03/25/2006 - 12.72% - F

Project Number: [Empty]

Originator: Hefton, Joseph

Planner: McAnally, Roy

Description: Foreman Griffiths, Mike

The tram hydraulic hoses need to be replaced. The lines are splitting at connections and the covering is coming apart.

Parts Ready: [ ] | Print Backlog Strip: [ ]

Planned: [ ] | Print Attached Doc's: [ ]

Major Repair: [ ] | Print Preview: [ ]

In Progress: [ ]

EMAIL W.O. | Print Work Detail

Priority: PROJECT | Type: [ ]

Date of Request: 06/13/2003 | Duration: 2

Work Area: ALL

Date Required: 06/13/2003

Date Completed: / /

Vendor	Estimated	Actual
Parts	\$0.00	\$0.00
Labor	\$795.60	\$500.59
<b>Total</b>	<b>\$795.60</b>	<b>\$7,544.10</b>

Create Job Master

Work Order Screen

Rushon International  
Planner: New Test Schedule for 11-05-2004  
11/5/2004 - Schedule Shift 0  
Supervisor:

Work Order	Equip.	Pri	Description	Dura.	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00
D2673	0001	PR	Install new tube system that will spray rope tube on the Horizontal Fairlead Sheaves.	3									
Comments													
E2481	0001	PR	rewire generator field winding.	2									
Comments													
E3705	0001	IM	Modify the remote control so that when it is switched to remove the limit bypass relay is energized.	6									
Comments													
D3528	0001	IM	Install louvers for air compressor cooling.	5									
Comments													

### Work Requests

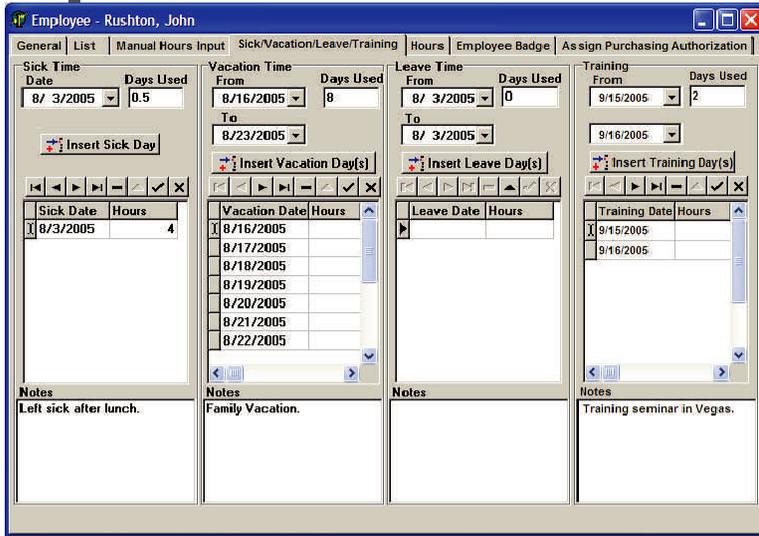
- Allows operators to report problems from any location with a low-detail, electronic form.
- Adds all requests to a list, making it simple for an authorized user to review requests, approve requests and create work orders.

### Work Orders

- Creates complete work orders from scratch or from work requests.
- Ensures that important jobs are completed first by requiring the user to assign a priority to each work order at creation.
- Allows you to add labor, parts and vendors to each work order.
- Estimates the total cost of each work order (labor, vendor, parts). Compares estimated and actual costs when a work order is closed. -Requisitions needed parts.
- Allows you to print or email work orders.
- Helps you find applicable warranties, and create and file warranty claims pertaining to work orders.
- Gathers front-line cost information and repair history data, and provides backlog reports.

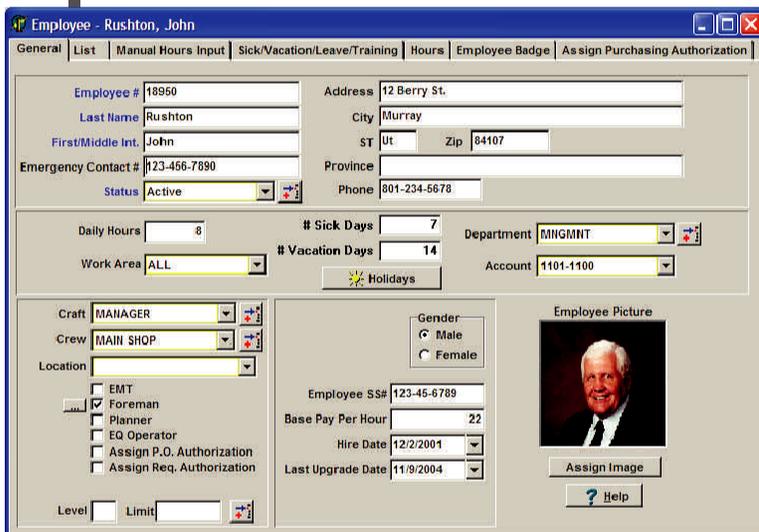
### Work Schedules

- Creates detailed work plans for specific days and shifts.
- Creates range schedules for any designated period of time, allowing advanced work planning.
- Allows managers to assign individual employees to specific work orders.
- Automatically tracks available man hours as a schedule is built, taking details like lunch breaks and crew size into account.
- Allows managers to add detailed comment lines to schedules for additional employee instruction.
- Prints detailed hard copies of work schedules.



Sick Time	Vacation Time	Leave Time	Training																						
<table border="1"> <tr><th>Date</th><th>Days Used</th></tr> <tr><td>8/ 3/2005</td><td>0.5</td></tr> </table>	Date	Days Used	8/ 3/2005	0.5	<table border="1"> <tr><th>From</th><th>Days Used</th></tr> <tr><td>8/16/2005</td><td>8</td></tr> <tr><th>To</th><td>8/23/2005</td></tr> </table>	From	Days Used	8/16/2005	8	To	8/23/2005	<table border="1"> <tr><th>From</th><th>Days Used</th></tr> <tr><td>8/ 3/2005</td><td>0</td></tr> <tr><th>To</th><td>8/ 3/2005</td></tr> </table>	From	Days Used	8/ 3/2005	0	To	8/ 3/2005	<table border="1"> <tr><th>From</th><th>Days Used</th></tr> <tr><td>9/15/2005</td><td>2</td></tr> <tr><th>To</th><td>9/16/2005</td></tr> </table>	From	Days Used	9/15/2005	2	To	9/16/2005
Date	Days Used																								
8/ 3/2005	0.5																								
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From	Days Used																								
8/ 3/2005	0																								
To	8/ 3/2005																								
From	Days Used																								
9/15/2005	2																								
To	9/16/2005																								
Notes: Left sick after lunch.	Notes: Family Vacation.	Notes:	Notes: Training seminar in Vegas.																						

Sick, Vacation & Leave Screen



Employee # 18950    Address 12 Berry St.  
 Last Name Rushton    City Murray  
 First/Middle Int. John    ST Ut    Zip 84107  
 Emergency Contact # 123-456-7890    Province  
 Status Active    Phone 801-234-5678

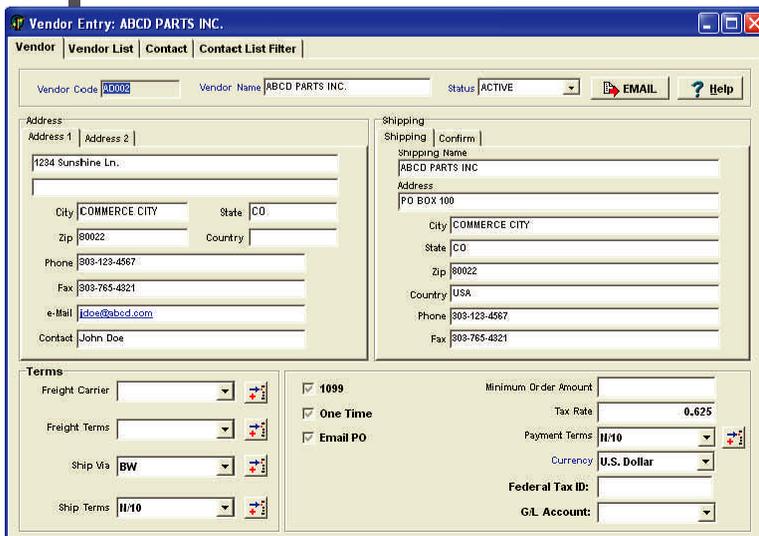
Daily Hours 8    # Sick Days 7    Department MINGMNT  
 Work Area ALL    # Vacation Days 14    Account 1101-1100

Craft MANAGER    Crew MAINT SHOP    Location  
 EMT     Foreman     Planner     EQ Operator     Assign P.O. Authorization     Assign Req. Authorization

Employee Picture: 

Employee SS# 123-45-6789    Base Pay Per Hour 22    Hire Date 12/2/2001    Last Upgrade Date 11/9/2004

Employee Data-Entry Screen



Vendor Code R0002    Vendor Name ABCD PARTS INC.    Status ACTIVE    EMAIL    Help

Address: 1234 Sunshine Ln.    City COMMERCE CITY    State CO    Zip 80022    Country  
 Phone 303-123-4567    Fax 303-785-4321    e-Mail jdoe@abcd.com    Contact John Doe

Shipping: Shipping Name ABCD PARTS INC.    Address PO BOX 100    City COMMERCE CITY    State CO    Zip 80022    Country USA    Phone 303-123-4567    Fax 303-785-4321

Terms: Freight Carrier    Freight Terms    Ship Via BW    Ship Terms H10

1099    One Time    Email PO    Minimum Order Amount    Tax Rate 0.625    Payment Terms H10    Currency U.S. Dollar    Federal Tax ID    G.L. Account

Vendor/Contact Info Screen

## Job Masters

- Stores parts, labor and vendor details for repetitive jobs. (Frequently used for PM tasks.) -Allows you to quickly create work orders for often-repeated jobs using the stored details.

## Employees

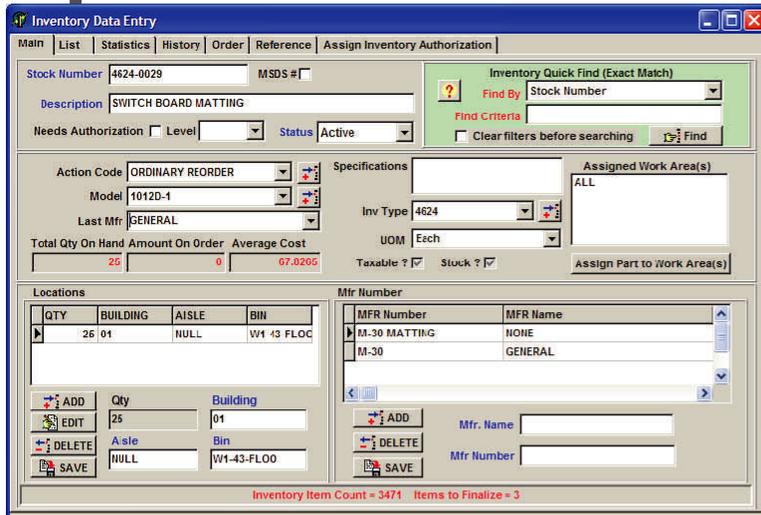
- Keeps track of employees' personal info, including contact information and employment terms.
- Monitors employee hours, vacation and sick leave.
- Creates and prints employee badges, complete with photographs and barcodes.
- Stores detailed information about each employee accident.
- Creates and prints fixed or rotating employee schedules for any range of dates.
- Records employee training information, including task training and regulatory compliance.

## Vendor/Contact Info

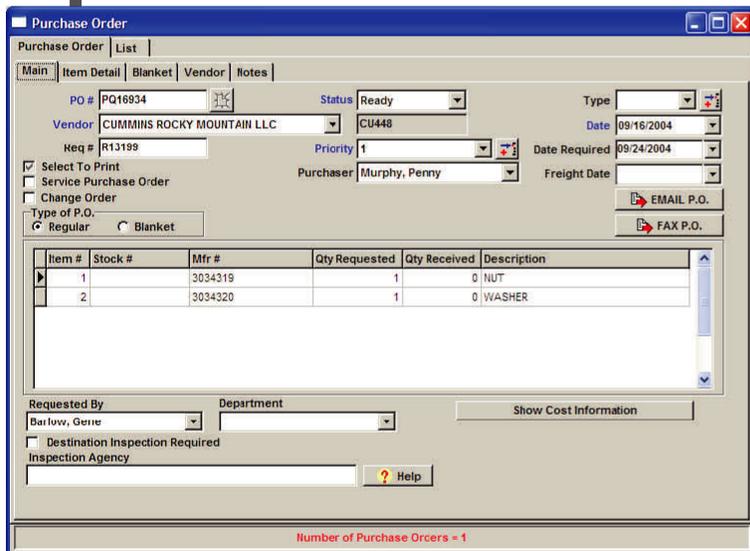
- Stores vendor information, such as contact information, shipping terms, freight terms and payment terms.

## Warranties

- Increases the percentage of warranties due that are collected.
- Alerts you when a work order is issued involving a component, tire or wear material that is covered by warranty.
- Reports allow you to access warranty history by vendor.



Inventory Data-Entry Screen



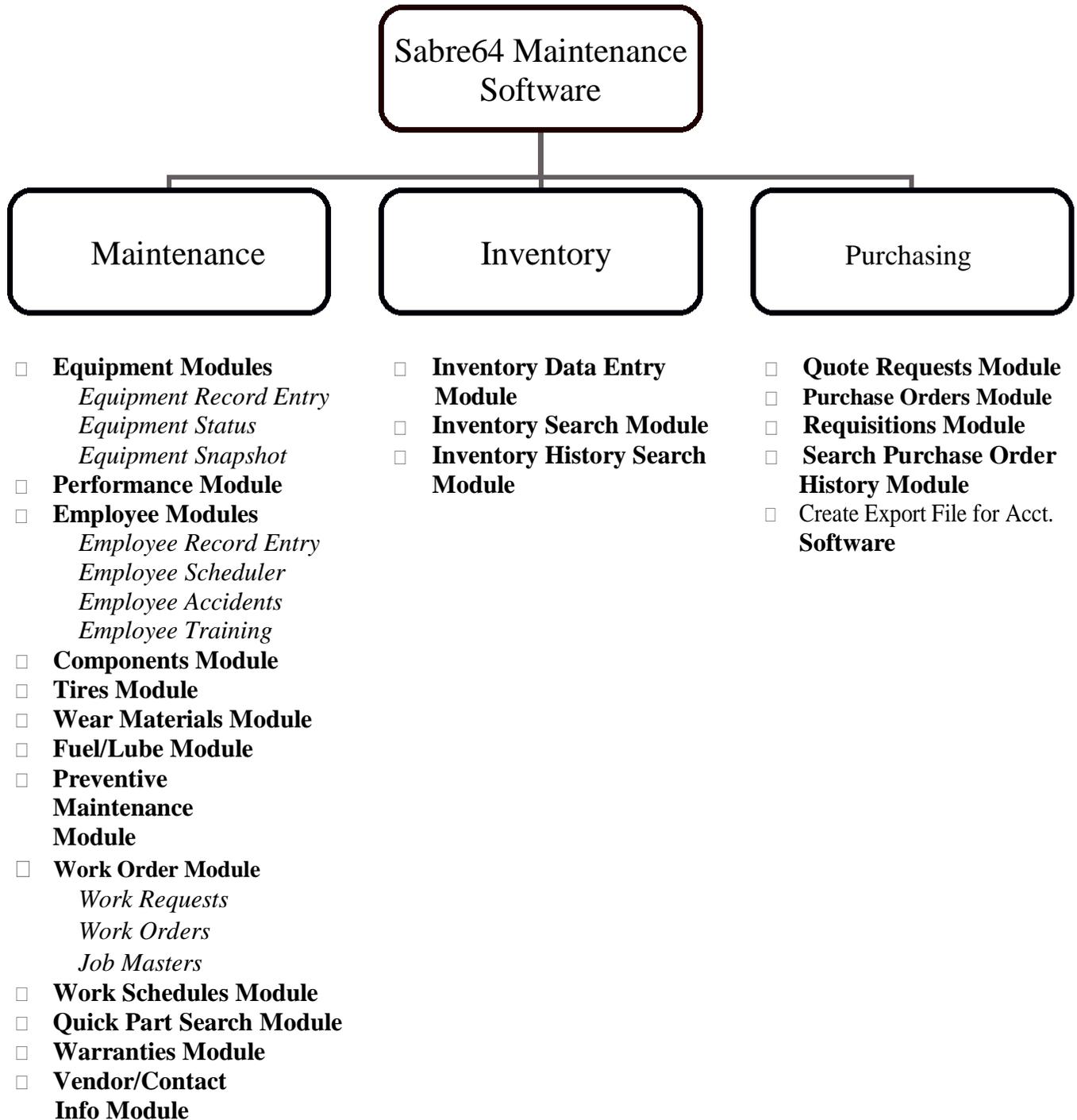
Purchase Order Screen

## Inventory

- Issues, receives, adjusts, moves and returns parts.
- Allows you to find any part within seconds.
- Allows requisitioned parts to be charged directly to the corresponding work order.
- Runs in average cost or FIFO mode.
- Provides complete inventory history.
- Allows multiple manufacturer numbers and locations per unique stock number.
- Shows the exact location of parts (building, aisle, bin).
- Prints barcodes.
- Tracks maximum, minimum and reorder quantities. A report notifies you when reorder is necessary.
- Monitors physical count intervals and prints count sheets.

## Purchasing

- Creates purchase orders, blanket purchase orders, requisitions and quote requests.
- Faxes or emails orders directly to vendors.
- Allows managers to assign purchase order authorization limits.
- Converts currencies using specified exchange rates.
- Works seamlessly with the inventory module.



## Special Features

<b>Language Translation</b>	<ul style="list-style-type: none"> <li>□ Allows the user to easily translate field labels into almost any language using a “Quick Translation” tool.</li> <li>□ Allows each user within a company to use the program in a different language if desired.</li> </ul>
<b>System Security</b>	<ul style="list-style-type: none"> <li>□ Assigns group or individual rights on a module-by-module basis.</li> <li>□ Requires users to log-on with a username and password.</li> <li>□ Allows administrators to customize security to fit specific needs.</li> </ul>
<b>Reports, Graphs &amp; Charts</b>	<ul style="list-style-type: none"> <li>□ Analyzes and tracks information with over 200 custom <i>Crystal Reports</i>.</li> <li>□ Allows the user to modify existing reports, create new reports, or set limits for new or existing reports.</li> <li>□ Includes reports to monitor equipment, employees, performance, consumables, warranties, production, inventory, purchasing, vendors, preventive maintenance, work orders, tires, etc.</li> <li>□ Visually displays report data with charts and graphs.</li> </ul>
<b>Email Options</b>	<ul style="list-style-type: none"> <li>□ Emails reports, orders, schedules or requests at the click of a button.</li> </ul>
<b>Custom Interfacing</b>	<ul style="list-style-type: none"> <li>□ Interfaces with any outside accounting, payroll or software dispatch system.</li> </ul>
<b>Archiving</b>	<ul style="list-style-type: none"> <li>□ Keeps software fast and efficient by allowing auto-archiving of work orders more than a year old.</li> </ul>
<b>Narrowing Search Lists</b>	<ul style="list-style-type: none"> <li>□ Narrows any list in Sabre64 as each letter or number is entered into search field.</li> <li>□ Instantaneously finds any record.</li> </ul>

## Technology

- Sabre64 is a multi-user program that can be used on a stand-alone system or a network.
- Sabre64 runs on *Windows 2000 SP4* or above.
- The *Sybase SQL Anywhere Studio9 Database Server* runs on *Server 2000* or above, or *Novell*.
- Sabre64 has two-tier architecture and is scalable.

**Who markets Sabre64?**

Sabre64 is designed and marketed by Rushton International & Associates and Dataman System Consultancy (Africa affiliate). Rushton International began as a full-service maintenance consulting firm in 1978, meaning our consultants have been implementing maintenance programs for 30 years. Software development and implementation began in the '80s. Our programmers work hand-in-hand with our seasoned maintenance consultants to develop a software program that works in the real-world.

**How is software support handled?  
Will there be knowledgeable people  
answering my questions?**

Software experts (most often a programmer or maintenance consultant) can be reached via a toll-free number M-F, 7am to 3pm MST. Online customer service forms are available 24 hours a day, and are promptly answered during business hours. In addition, each client has their own folder on Rushton International's FTP site, allowing quick updates (self-extracting executables) and easy access to the latest software information.

**What operating system does Sabre64  
run on?**

*Windows XP* is highly recommended, however, Sabre64 can be run on *Windows 2000 SP4* or above.

**How many pieces of equipment  
can Sabre64 handle?**

There is no limit to the number of assets/work orders/records Sabre64 can handle. The physical limit of the database is outlined at [www.rushtonintl.com/FAQ.html](http://www.rushtonintl.com/FAQ.html).

**Is Sabre64 customizable?**

Yes! Rushton International always works with clients one-on-one to ensure that each Sabre64 package meets their exact needs.

- Modules can be adjusted to fit your specific environment.
- Drop-down field options are customized by the administrator at set up.
- Field labels can be changed by the user.
- Custom Crystal Reports allow the user to completely customize reports.
- Sabre64 can be run in almost any language.
- Sabre64 can be used on a stand-alone station or networked for hundreds of users.
- Sabre64 can be used as a complete package, or as individual modules.
- Modules can be interfaced with existing software to improve capabilities.

**How is security handled in Sabre64?**

Sabre64's security options allow administrators to control access to program information on a user-by-user, and module-by-module basis. A username and password are required to login to the program. Once signed in, a user is only allowed to use the areas of the software he/she has been granted rights to. "View only", "Add", "Delete" and "All" rights are available. Rights can be assigned to individuals or entire groups (i.e. operators, accountants, etc).

**What about pricing?**

Pricing depends on the package purchased and the number of users licensed. Rushton International believes in working with each client individually to meet their specific feature/pricing requirements. Multiple financing and payment options are available to fit your budget.



# SABRE 64

## Packages

### Complete Package

All Maintenance, Inventory & Purchasing Modules

### One Module Packages

<i>Maintenance</i>	<i>Inventory</i>
All Maintenance Modules	All Inventory Modules

### Two Module Packages

<i>Maintenance &amp; Inventory</i>	<i>Inventory &amp; Purchasing</i>
All Maintenance & Inventory Modules	All Inventory & Purchasing Modules

### Sabre Lite Package

Essential Maintenance Features, Inventory & Purchasing

**Includes:** Equipment, Performance, Employee Entry, Preventive Maintenance, Work Request, Work Orders, Work Schedules, Purchasing and Inventory.\*

**Excludes:** Employee Scheduler, Employee Accident, Components, Wear Materials, Tires, Fuel & Lube, Job Masters and PM Route. \*\*

\* *Performance, Preventive Maintenance, Work Request and Work Schedule features can be removed from Sabre Lite for a price reduction.*

\*\* *Excluded maintenance features can be added to Sabre Lite.*

- Basic packages are listed above. Unlimited customized packages are also available to fit individual needs.
- Multiple financing options are available. Month-by-month subscription licensing is also available.



*As a maintenance professional, you know maintenance. It's the excitement of cutting costs and boosting profits; the thrill of preventing problems; the satisfaction of a system that motivates; the exhilaration of increasing productivity; the fulfillment of a successful day's work.*

*Yes-you know maintenance. But are you experiencing it?*

*Too often "firefighting," unmotivated workers, missing parts, downed equipment and lagging productivity lead to a maintenance experience that means excessive work hours, increased costs and stress.*

*It doesn't have to be that way.*

*Since founded in 1978, Rushton International has been inviting companies worldwide to eliminate the maintenance problems that cause drudgery, extra hours and stress. We've been inviting them to push maintenance to its full potential, and experience new maintenance heights.*

*We'd like to extend that invitation to you.*

*You know maintenance. Now let us help you  
EXPERIENCE MAINTENANCE RESULTS.*

## **Rushton International Contact Information:**

**US Contact:**

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**Taking your maintenance to new heights.**