The Asset Guardian

Maintenance Management Made Easy

The Asset Guardian from Global Distribution Systems America, Inc helps you focus on the daily activities in scheduled or unscheduled repair and inspection events.

Key Features:

- Schedule preventive maintenance and inspections at predefined time and/or meter intervals.

- Manage unpredictable and breakdown repair.

- Manage maintenance and inspection of equipment and subassemblies at multiple levels.

- Manage facilities, support equipment and staff.

- Predefine work steps in single or multiple levels.

- Associate MRO items, tools and consumables with a maintenance event or work step.

- Access the web, images, videos, CAD/CAM drawings and/or documents while performing a work step.

- Manage maintenance event schedules and personnel assignments through the Dispatch Board.

- Join skill and certification requirements with personnel, work steps and maintenance events.

- Use Work Detail Packets to assist personnel while performing maintenance events.

- Capture maintenance, repair and inspection history at multiple levels.

Our CMMS software, The Asset Guardian, is the perfect solution for companies with assets that require scheduled, preventive maintenance, unscheduled repair or inspection as part of their life cycle. Unpredictable events, such as breakdown repair or staff requests are also handled with ease. The Asset Guardian allows you to predefine the maintenance or inspection intervals for assets as well as the specific technicians and/or qualifications required to complete the event. It also makes it easy to associate specific tools, consumables and MRO inventory items with any event when it occurs. The Asset Guardian never forgets to schedule an event, never forgets to record the history on an event and always keeps accurate statistics on your assets.

Events

The capability to pre-define work steps, in single or multiple levels, for any asset or multilevel sub-assembly is provided. In addition, electronic informational portals to the web, videos, images, CAD/CAM drawings, and/or documents are available all the way down to each step or sub-step involved in a maintenance event if desired. In fact, The Asset Guardian lets you define the rules for when an event should occur, how it should be handled and what ancillary materials are required to close the event. The rules may define maintenance intervals that are time based, meter based, either or both.

Once the assets and the rules are established, The Asset Guardian schedules the qualifying events and creates maintenance orders for either planning purposes or execution as desired. An interactive scheduling matrix is then displayed on our Dispatch Board showing event and technician schedules by calendar day for those orders awaiting execution. The dynamic change feature in the Dispatch Board provides the flexibility to make changes to the event schedule and/or technician assignments to meet your needs.

GDS

Assets

The Asset Guardian is an Enterprise Asset Management System (EAMS). Virtually anything requiring care can be defined as an asset. For example: production line machinery, support equipment and facility assets can all be effectively managed through The Asset Guardian. The Asset Guardian not only supports multiple sub-assemblies for each piece of equipment, but also multiple maintenance controls for each piece of equipment. This allows you the flexibility to establish and manage separate maintenance events at each subassembly level if desired. With The Asset Guardian, even your personnel can be set up as assets in order to help manage and meet their educational needs or other requirements.

Steps

Work Steps can be defined in The Asset Guardian at a single or multi-level and may be associated with one or more maintenance events. If desired, specific personnel and/or required qualifications can be associated with an event, a step or sub-step to be used in determining "who" should perform the work.

To assist the assignee, when executing a maintenance event, a step or sub-step, a gateway is available for accessing supporting materials via the web as well as stored images, CAD/CAM drawings, documents and videos. Depending upon your level of computer and network enablement, your technicians could view schematics or other related support material while actually performing the work.

Personnel

A critical element in the successful fulfillment of a maintenance or repair event is often who is assigned to the work. It is for that reason The Asset Guardian provides the ability to define your personnel along with their individual certifications and skills. This capability allows you the option to assign, in advance, the preferred technician for any given maintenance event when it occurs. If you wish, you can even record the actual time it took the technician to complete the maintenance event as well as each step or sub-step included in the event.

With the ability to record feedback from your personnel on data points such as "how much time" an event step actually requires, a valuable repository of performance history is built. Providing the ability to establish "standard" and "estimated" times at the step and/or sub-step levels, The Asset Guardian has the ability to track variances of actual times and/or estimated times to standard times at any of those levels.

Work Detail Packet

Once events are scheduled and ready for execution, The Asset Guardian provides the ability to create a Work Detail Packet. The purpose of the packet is to provide the personnel assigned to an event a "package" of information concerning the work to be performed. A work order is produced detailing the prescribed work steps, related MRO items, suggested tools and consumables as well as the required qualifications of the technician to effectively complete the maintenance event.

For those users taking advantage of PDA's, Tablet PC's or other similar technologies, The Asset Guardian offers an electronic delivery of the Work Detail Packet. The option of printing the appropriate components of a packet is, of course, available for those users who do not have electronic delivery capability embedded in their workforce.

Information Feedback

All work steps and events established in The Asset Guardian are available for information feedback. However, with such flexibility comes the opportunity to overwhelm the operating personnel with an unmanageable volume of data collection points. The Asset Guardian provides a near effortless methodology to avoid this dilemma.

Part of this methodology is embedded in the structure of The Asset Guardian. In most areas where data collection is a logical extension of a process, The Asset Guardian allows you to collect data points at any level. For example, if you have multiple work steps for an event with sub-steps under each step, you are free to choose the level in the hierarchy at which data points are to be collected. You may choose to collect data at the highest level, at the lowest level or in any combination that is manageable in your operating environment. As your environment changes, The Asset Guardian allows you to easily change your data collection methodology.

Interface to Existing Systems

The framework of The Asset Guardian facilitates integration gateways to many ERP applications in the marketplace with a virtually seamless interface. For those utilizing Microsoft Dynamics®-NAV, The Asset Guardian is an approved add-on product. Of course, The Asset Guardian utilizes Microsoft® technologies and runs under most versions of Microsoft® Windows.

About Global Distribution Systems

GDS is an international provider of innovative high-value technology products that include software and services for businesses in the manufacturing, maintenance, distribution, construction, service, and other industries. The integrated solutions we provide, allow users to capitalize on the use of technology in managing the supply chain with ERP, DRP, MRP, CMMS, EAMS, financial management, service management, warehouse management, H/R, payroll and eCommerce solutions.

Solutions provided by GDS are targeted at improving the customers' operating efficiency by giving them total control over their key business processes. In every case, GDS stands behind the products it provides with outstanding service, implementation and support.

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