



The Asset Guardian

Maintenance Management Made Easy

Summary Sheet

The Asset Guardian for Microsoft Dynamics™ NAV helps you focus on completing the daily tasks of scheduled maintenance, unscheduled repair and inspection activities on your assets.

- Manage preventative maintenance and inspections by predefined time and/or meter intervals.
- Manage unpredictable and breakdown repair.
- Manage service agreements on equipment and warranties for repair parts.
- Manage maintenance schedules and personnel assignments via the dynamic Visual Schedule.
- Manage personnel and vendor assignments on work orders while balancing workloads.
- Manage work consistency through predefined work procedures in single or multiple levels.
- Manage inventory, tools and consumable requirements for a maintenance activity.
- Manage maintenance costs for equipment, personnel, tools, work procedures and vendors.
- Manage and improve personnel work efficiency via access to support materials and/or the web while executing work procedures.
- Manage skill and certification requirements with personnel, work procedures and maintenance events.

The Asset Guardian is the perfect add-on solution for companies with assets that require scheduled and preventive maintenance as well as unscheduled repair or inspection as part of their life cycle. Unpredictable events, such as breakdown repair or repair 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 a maintenance activity, never forgets to record the history and always keeps accurate statistics on your assets.

Maintenance Events

The capability to pre-define work procedures, 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 procedure or sub-procedure involved in a maintenance event. 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 work orders for either planning purposes or execution as desired. An interactive scheduling matrix is available showing events and personnel schedules by calendar day for those orders awaiting execution. The dynamic change feature in the Visual Schedule provides flexibility to make changes to the schedule and/or personnel to meet your needs.

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. 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 actions at each sub-assembly 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.

Work Procedures

Work procedures 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 procedure or sub-procedure to be used in determining “who” should perform the work.

To assist the assignee, when executing a maintenance action procedure or sub-procedure, a gateway is available to access 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 personnel 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 personnel for any given maintenance event when it occurs. If you wish, you can even record the actual time it took the personnel to complete the maintenance activity as well as each procedure or sub-procedure included in the event.

With the ability to record feedback from your personnel on data points such as “how much time” an event procedure actually requires, a valuable repository of

performance history is built. Providing the ability to establish “standard” and “estimated” times at the procedure and/or sub-procedure 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 PCs, Tablet PCs, PDAs or other similar technologies, The Asset Guardian offers an electronic access to 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.

Information Feedback

All work procedures 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 procedures for an event with sub-procedures under each procedure, 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.

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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.

Our applications are designed to provide insight to help customers achieve business success and are targeted at improving our 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.

For more information on The Asset Guardian, please visit www.TheAssetGuardian.com or contact us by email at sales@TheAssetGuardian.com.

About Microsoft Dynamics™

The Microsoft Dynamics™ brand is used to represent solutions provided by Microsoft, which offers a wide range of integrated business applications. These applications are designed to help small, mid-market and large businesses become more connected with customers, employees, partners and suppliers.

The Microsoft's Dynamics™ NAV applications optimize strategic business processes across multiple operational areas which include financial management, analytics, human resources, service, projects and customer relationship management with industry specific functionality for the manufacturing, distribution and retail segments of the supply chain.

Learn more about Microsoft Dynamics™ NAV at www.microsoft.com/smallbusiness/products/dynamics-navision/default.aspx.