



## Industries Sheet

The Asset Guardian 4.4 for Microsoft Dynamics™ NAV provides industry specific functions designed to help you plan, execute and analyze preventative maintenance, calibration, unscheduled or breakdown repair and routine inspection of your assets.

- View or print work loads and work orders over the timeframe that meets your needs.
- Alter resource assignments on work orders to meet your requirements between preventative, breakdown repair and opportunity maintenance.
- Access and analyze maintenance history on your equipment and its sub-assemblies.
- Use predefined work procedures and the ability to copy prior work orders to respond quickly to requests, breakdown and/or emergency repair situations.
- Access and analyze usage frequencies on personnel, outside service providers, tools and inventory.
- Track maintenance costs for your equipment, personnel, tools, work procedures, inventory and outside service providers.
- Estimate costs on future or proposed maintenance actions.
- Ensure critical spares and other repair parts are available when needed.

Business engaged in mining, manufacturing, oil and gas, distribution, trucking, aviation, pharmaceutical, port operations, water works, paper production and many other disciplines require scheduled and preventive maintenance as well as unscheduled repair or inspection on equipment as part of their daily processes. If your business possesses assets that are used in any of these operational capacities, The Asset Guardian is the perfect solution.

The Asset Guardian allows you to predefine the maintenance, calibration or inspection intervals for your assets as well as the specific personnel and/or qualifications required to complete a maintenance activity. It also makes it easy to associate tools, consumables and MRO inventory with an event when it occurs through request, schedule, repair or opportunity. The Asset Guardian never forgets to schedule a maintenance activity, never forgets to record the history and always keeps accurate statistics on your assets.

### Equipment Database

The Asset Guardian provides a single or multi-level hierarchy for equipment definitions. To each element in the hierarchy you may associate commercial or technical specifications, drawings, word documents or URLs. Detailed history is available for viewing and analysis.

The equipment database also serves as the connecting point for work activity. Therefore, if you need to see what parts have been utilized to maintain the equipment, you can do so with the one simple click.

With the same ease, you can access additional information such as who worked on the equipment, how often the equipment is being serviced, what tools have been used to perform work and what unexpected expenditures were made on the equipment.

You can even see maintenance budget comparisons and year to date performance to budget for the equipment.

### **Maintenance Work Orders**

Building a work order in The Asset Guardian is a snap. They may be created through manual entry or rule driven generation. Establishing rules for preventative, planned, calibration or inspection work orders is easily accomplished with The Asset Guardian. Unlimited rules may be associated with an equipment record and at any level. If desired, a “responsible” person and/or required qualifications can be included in a rule.

Driven by date or meter combinations, these rules enable The Asset Guardian to automatically suggest maintenance actions. Following your review and approval of the suggested actions, The Asset Guardian can build your work orders.

Work orders may be created using the copy function in The Asset Guardian. Any work order, open or closed, may be copied to create a new work order. In addition, if your equipment requires meter updates, you can collect a current reading via a work order.

### **Maintenance Resources**

Critical to the successful fulfillment of a maintenance or repair activity is who is assigned to perform the work. The Asset Guardian provides the ability to define your personnel and outside service providers for your use in making work assignments on work orders. Tools may also be defined and you can assign multiple resources to a single work order.

The Asset Guardian also allows you to create and maintain the charge rate for personnel, outside service providers and tools. Coupled with the ability to record feedback on data points such as “how much time” a resource was used, both usage time and costs are accurately tracked and accumulated.

### **Work Procedures**

Work procedures may be predefined or created for one-time use in The Asset Guardian. Either may be added to or removed from a work order at any time. Predefined procedures may be single or multi-level and may be used in one or more maintenance rules or work orders. You can establish standard and estimated times on the work procedure allowing comparison of actual times to either.

To further assist your personnel when executing a work procedure on a work order, you may define links to supporting materials such as URLs, stored images, CAD/CAM drawings, documents and videos. Depending upon your level of computer and network enablement, your personnel can view schematics or other related support material while performing the work.

### **Skills and Certifications**

If you require specific skills and/or certifications for the personnel assigned to perform a maintenance activity, The Asset Guardian can help. To any maintenance rule, work order or work procedure in a work order, you may define the skills and/or certifications needed to complete the work.

### **Repair Parts, Consumables and Tools**

If you choose, requirement estimates for repair parts, consumables, tools, outside support services and “other” charges may be established for any maintenance rule, work procedure and/or work order. The Asset Guardian allows you to capture the actual usage. As a result, your maintenance costs and historical records reflect what actually occurred.

### **Work Management**

With an ever changing workload, keeping up with who is doing what and when is often a real challenge. The Asset Guardian provides significant value in managing work loads. All open work orders may be viewed on a dynamic whiteboard.

The whiteboard provides a matrix view of your resources or equipment over a calendar. Where resources or equipment and date intersect, a cell of information is provided with the number of work orders and the estimated time required to complete the work is shown. With one click on the cell, you will see all of the work orders assigned to an individual resource on a given day. You may view and/or change any work order and the change is immediately reflected on the whiteboard.

At any time you can print a single work order or, through filters, multiple work orders. A work order is printed showing a description of the work, the work procedures, expected requirements for parts, suggested tools and the required qualifications and/or skills. In addition, you can print a work schedule for selected personnel, outside service providers, facilities, regions or by many other selection criteria.

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For more information on The Asset Guardian, please visit [www.TheAssetGuardian.com](http://www.TheAssetGuardian.com) or contact us by email at [sales@TheAssetGuardian.com](mailto:sales@TheAssetGuardian.com).

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