



Asset Management Software

Asset Manager Foundation is the base of the **WorkTech Inc.** asset management software system. This application enables the inventory of facilities, equipment and any number of user defined asset types. Bolstered by its additional software extenders this module is also capable of performing condition inspections; preventive maintenance; parent-child asset linkage; budget optimization; needs forecasting and budgeting; best practices analysis; asset deterioration profiles and life-cycle management.

Asset Manager Foundation will not only provide a consolidated database of structures, but it will also equip the board with a self-sufficient tool for effective policy development, maintenance planning, and day-to-day operations.

Quickly retrieve attribute, condition and maintenance history information for a given asset. Use drop down lists and lookup tables with user-defined content to speed up data entry and enforce accuracy.

Define the type of detailed data to be tracked for each asset type. Populate fields with drop lists and lookup tables to ease data entry and enforce accuracy. Copy the setup of an asset to other similar assets and avoid duplicate entry.

ASSET MANAGER FOUNDATION

- Track unlimited features and attributes for each user-defined asset type e.g. school, boiler etc.
- Create multi level parent – child relationships between assets and their sub – components
- Develop service standards and response times by asset class and service class
- Attach pictures, video and CAD files to asset records
- Retrieve maintenance history and see all work costs incurred
- View work orders in progress and expected completion results on each asset record
- Retrieve condition information including current value, rehabilitation and replacement costs
- Create a multi-year replacement and capital improvement plan including budgets and schedules based on user defined spending priorities

Asset Manager Foundation

Integration

When used in conjunction with Work Manager Foundation and Service Manager Foundation, Asset Manager Foundation enables cost reporting and management by individual asset and asset maintenance using work orders.

Asset inventory

Use a single data repository of all assets owned from multiple asset types including facilities, roads, water mains, pipes, transmission lines, Right-of-Ways and more. Define the level and type of detail to be tracked by asset type and customize the entry screen for each type.

Industry Standard Formats

Employ industry standard data collection and reporting formats such as OSIM, MBADES and RIMS or create your own standard formats by asset types.

Item Details

Track unlimited details by item including: dimensions, attributes, specifications, joint ownerships, load restrictions, current conditions, values etc.

Service Classes

Create unlimited service classes. Service classes determine how rapidly service requests and work orders should be completed for various assets within an asset type for example: remove snow within 3 hours of last snowfall on service class 1 road. ...

Linear Modeling

Use linear referencing to locate layered assets. Find the location of one or more assets in relation to a Right of Way's beginning and end point. Identify the location of subsurface assets without maps or pictures.

File Referencing

Use file referencing to attach files from external applications to one or more items in the asset repository. Linked files can be video files, images and any other file that can be opened using any third party application.

Collision Tracking

Track collision zones and identify high risk areas. For each incident record the cause, the damages, the repercussions on affected assets etc. Identify areas requiring additional maintenance or signage clarification to prevent future incidents.

Reporting

Create multiple reports relaying the condition of assets, last maintenance activities performed, specifications and attributes and images. Perform ad-hoc queries on reports to extract specific data. Mass generate reports for an asset type or assets grouped by other criteria.

Work Order Linkage

Using Service Manager Foundation, assign a work order or service request to an asset. All work orders completed and in progress for that asset appear on a history log and are available for querying. Costs posted against the work order and job are also reflected on the asset.

Graphing

Create attractive graphs and charts of assets or asset data through simple point and click action. Graphs can be printed right from the application and require no other third party export.