

Features & Benefits

Managers, supervisors and field technicians alike benefit from AgileAssets® Maintenance Manager by simplifying daily and periodic activities:

Work Order & Contract Development

Execute work requirements internally or contract outside your agency. This functionality assists in the daily process of tracking in-house and/or contracted maintenance through all stages.

Labor, Equipment, & Materials

AgileAssets® contains a variety of resource-oriented management tools. Functionality includes capabilities for setting up crews, tracking materials stockpiles, and managing equipment or materials from outside sources.

Maintenance Activity Analysis

Sophisticated analysis tools are available to help select which work programs will deliver the highest level of service for a fixed budget, or to determine the required budget needed to obtain a target service level goal.

Annual Maintenance Planning

AgileAssets® addresses the overall needs of your transportation network. You can estimate maintenance needs and distribute available budgets on an optimal basis by jurisdiction, functional class, and maintenance service level. The planning tools estimate effects of various maintenance policies on overall budgets and expected results allowing for multiple year maintenance planning.

Maintenance Manager™

As a cornerstone of the AgileAssets® Enterprise Asset Management Suite, our maintenance management system, helps agencies such as the Kentucky Transportation Cabinet (KYTC), the North Carolina Department of Transportation (NCDOT), and others to address the entire process of strategic planning, scheduling, executing, managing, and reporting maintenance activities.

AgileAssets® Maintenance Manager gives you tomorrow's maintenance management technology today—and helps your organization grow with it. AgileAssets' work order system and planning tools help to allocate budgets and evaluate the quality and service levels achieved.

AgileAssets® Maintenance Manager is designed to work with the three asset families that transportation agencies use to deliver superior service levels to the public. These asset families are:

Linear Assets: Roads, telecom infrastructure, pipelines, utility networks, sewage, rail and light rail networks, drainage systems, guardrails, etc.

Fixed Assets: Buildings, bridges, signs, culverts, parks, weigh stations, etc.

Mobile Assets: Vehicles, equipment, portable facilities, other fleet assets, etc.

Integrated to deliver quality service and a good experience for the end-user, these asset families are maintained and managed in both unique and common ways. AgileAssets® Maintenance Manager delivers the entire process of strategic planning, scheduling, executing, managing, and reporting maintenance activities for each asset family and integrates trade-off analysis between assets to maximize your impact.

Built-in work management tools integrate personnel, equipment, and materials management information with the complete work order process and quality monitoring. Data generated at the work-management level feeds the analysis and planning models to continually improve your maintenance management cycle.

As focus is shifting from capital investment to preservation of infrastructure assets, the public and its elected representatives have become more aware of how important maintenance is to highway system performance. The AgileAssets® software design team recognizes this link and incorporates it into their design philosophy.



AgileAssets® Maintenance Manager follows a performance-based maintenance management approach, incorporating the latest management philosophies such as:

- Customer oriented service level based programs
- Performance-based budgeting
- Integrated, enterprise-wide, asset database
- Effectiveness and performance assessment
- Easy-to-use tools for scheduling, tracking, monitoring, and reporting both in-house resources and contracted work.

Economic Trade-off Analysis

AgileAssets' systems provide funding allocation economic trade-off analysis and 'what if' modeling through its optimization analysis tools. Multiple analysis sets can be run for various strategies and used in multiple plans. Asset types or asset groups correspond to "defects, and these are in turn used to create indices. Available funding and Level Of Service (LOS) targets are set for each analysis scenario.

AgileAssets® Maintenance Manager uses analytical tools to evaluate information about maintenance performed on your transportation assets. AgileAssets® Maintenance Manager uses defect, inventory, and historic maintenance data to update models for analysis of future funding levels and level of service targets. These analyses are vital for strategic planning and also help managers make more reliable decisions on programming and expenditures. AgileAssets® Maintenance Manager stores and analyzes data from all aspects of an agency's maintenance program, including road feature inventories, road condition ratings, performance guidelines, and maintenance expenditures.

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