AASHTOWare
Bridge Management™

About the Software

AASHTOWare Bridge Management incorporates all aspects of bridge management, allowing user input at every stage of the process. Attributes of the software include but are not limited to the following.

- ✓ Provides a well-organized and intuitive graphical user interface
- ✓ Integrates multiple objectives such as public safety, risk mitigation, and preservation and maintenance programming
- ✓ Provides a systematic procedure for the optimal allocation of resources through cost-benefit analysis of preservation and improvement policies
- ✓ Modular design provides the user with the informational display, options and actions relevant to the module's particular function
- ✓ Report development for AASHTOWare Bridge Management is facilitated though Crystal Reports. With the purchase of each Agency's AASHTOWare Bridge Management software license each Agency is provided with a developer license for Crystal Reports 2013

Additionally, AASHTOWare Bridge Management enables the user to fulfill Map-21 requirements such as:

- ✓ Collecting, storing, processing, and updating inventory and condition data for bridge assets
- ✓ Forecasting and deterioration modeling
- ✓ Determining the life-cycle cost analysis of alternative strategies (including a no action decision) for managing the condition of bridge assets
- ✓ Identifying short and long-term budget needs
- ✓ Recommending work programs and implementation schedules
- ✓ Ability to fulfill FHWA's NTI data collection and reporting requirements

Product Information

- ✓ Technical Support – https://aashtowarebridge.com/
- ✓ Bridge Management User Group (BrMUG) – http://www.brmug.com/
- ✓ BrM YouTube Channel – https://www.youtube.com/user/PontisBridge
- ✓ AASHTOWare FY2022 Catalog – https://www.aashtoware.org/wp-content/uploads/2021/05/FY-2022-AASHTOWare-Catalog_Final.pdf

AASHTOWare Goals/Benefits

- ✓ Pooling resources to produce significant cost savings
- ✓ DOT Driven Software Solutions
- ✓ Best practices approach
- ✓ Focus on universal requirements
- ✓ Built in flexibility – allows software customization to meet unique needs

Who uses AASHTOWare Bridge Management?

State DOTs, Local Agencies, plus District of Columbia, Puerto Rico, FHWA, and educational institutions within the jurisdiction of AASHTO Member and Associate Member Departments

Recently Added & Upcoming Features

The following features are new to AASHTOWare Bridge Management 6.4 (January 2021) and 6.5 (June 2021):

- ✓ Multimedia Module enhancements for improved file organization, review and management
- ✓ Program Optimizer update to support multi-year, manually funded (funding allocated) projects
- ✓ Added assignment of projects to specific program scenarios
- ✓ Optimizer Log File enhancements

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- Control the number of alternative logs and the number of rows of data in each
- Ability to download the optimizer log files

✓ Weighted option to the Percent Condition State field for the Element Condition State action

✓ Enhanced Mapping task to view surrounding bridges on a map and define specific areas in which to view bridge locations

✓ Life Cycle Cost Analysis (LCCA) optimization to generate optimal Life Cycle Plans

✓ Ability to visually compare up to three plans via performance, timing, and life cycle cost charts

✓ Reports for NBI element conversions and time in state for the bridge inventory

AASHTOWare Bridge Management 6.6, scheduled for release in early calendar year 2022 will deliver the following enhancements:

✓ Funding by Project Allocation

✓ Critical Findings/Request for Action Module

✓ User Certification Module

✓ Tools for improved analysis of bridge networks and optimization results

✓ Improved product security and reliability will be included in this release.

Licensing

Description	**Annual License Fee** (Effective July 1, 2021)
Super Site	$ 51,500
SaaS Super Site	$ 51,500 + $60,000 (hosting)
Asset Tiers:	
• 1 (up to 1000 bridges)	$ 22,100 + $24,000 (hosting)
• 2 (up to 750 bridge)	$ 15,000 + $15,600 (hosting)
• 3 (up to 250 bridges)	$ 11,000 + $12,000 (hosting)
Consultant	$ 11,000 + $18,000 (hosting)
International	$ 61,800 + $72,000 (hosting)
Developer	$ 2,000
Set-up, Configuration, & Training	$ 92,800
Educational (classroom instruction)	FREE

The complete list of licensing options and specific details can be found at https://www.aashtoware.org/products/bridge/bridge-ordering/#1522923469826-1c91333e-c476

Service Units are optional fixed-fee units of contractor-provided service offered to licensees for consultation and support to assist in implementation or customization of the software.

Examples of services provided:

✓ Preparing and importing data

✓ Specialized software training

✓ Agency-specific modifications / custom reports

✓ TAMP and NBI submittal support

✓ Optimizer setup and refinement

✓ Contractor hosting

The AASHTOWare Bridge Task Force recognizes that member agencies (or a group of agencies) may wish to accelerate the development of AASHTOWare Bridge Management optional component(s), and may be in a position to fund such development. This development can be agency-funded through the use of Service Units. If the Task Force deems the enhancement(s) beneficial to the user community and if the submitting agencies are able to contribute sufficient service units to fund the development, the Task Force will undertake the development and the enhancement(s) will be included as a component of the core product. Once included in the core product, the Task Force will be responsible for maintaining the enhancement through future AASHTOWare Bridge Management version changes.

Contacts

Ryan Fragapane
AASHTO Project Manager
555 North 12th Street NW, Ste 1000
Washington, D.C. 20004
Phone: 202-624-3632
rfragapane@aashto.org

Josh Lang
Chief Executive Officer
Mayvue Solutions
700 River Avenue, Suite 423
Pittsburgh, PA 15212
Phone: 877-462-9883
BrM@mayvue.com