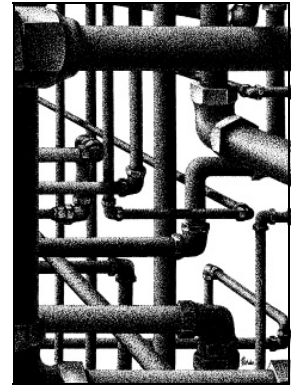


# GASWorks™



## *What's New*

GASWorks™ 10.2 is the latest release of our popular network modeling software. First released in 1991, GASWorks has continued to evolve to better meet our Users' needs. Our latest release was developed for ease of use in an ever-changing industry and work environment.

*Some of the new and improved features in the latest release include...*

- Efficient license management - licenses are stored on our server, making it easier to support new and/or offsite User deployment while eliminating the need for Registration Number requests.
- Updates are automatically delivered right to your machine, helping keep all Users current and running the latest revision without the need for IT support.
- A more efficient Graphical Data Interface
- Support for zoom and pan with the mouse wheel
- Click to edit or view data
- Use of "grips" to move features and data text
- Improved data viewing and editing
- Improved screen layout
- Improved access to the GDI Command List and Tool Palette
- Support for "User" graphic images - display icons, pictures, or pdf documents in the model
- Enhanced data text handling - easily move text and automatically include leader lines
- Display User-defined tables in the model
- Display pre-defined User text in the model - include standard notes, etc
- Supports "associated" User text - link a User text feature to a node, pipe, or customer data value
- Add User text and include a leader line with a single command
- Supports import and export of KML format files - share data with Google Earth or compatible applications
- Performs coordinate projections to and from world coordinates based on standard ".prj" or ".wkt" files
- Includes support for ".jpg," ".pdf," ".tif," and ".kml" format files as background images
- Support for 3D coordinates and Isometric display
- Convert a line entity in a vector-based background image to a pipe in the model - makes updating a snap
- Supports multi-line User text
- Support for node "attribute" data - especially useful for updating node loads
- Improved isolation valve handling
- Enhanced tracing - added additional options and color mixing for overlapping trace routes
- Improved multi-edit handling - easily update data or execute a command for a selection set
- Enhanced facility type handling - assign pipe flow equation or pressure units by facility type
- Enhanced default data handling - use specific default data, or use the data from the last data feature
- Quick Solve routine - single-click solution makes solving and viewing results more efficient
- "Favorite" results - allows quick review of results for User specified features
- Speed enhancements for nearly all commands and routines
- Improved data list handling for User-defined databases
- "Csv" export - create a selection set and create a spreadsheet-compatible file with a couple of clicks
- Quick Solve from a report - solve from the report screen and view updated results without reopening the report
- Enhanced System Summary report - more reporting options
- Date and time stamp for model data features so you can tell when an item was last changed



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- Edit log to track changes to the model
- “Item” summary report to find and report item counts and quantities based on a User specified selection set
- Cut and paste property data (pipe, fitting, etc.) to/from the Windows clipboard
- Lock a Property Table to prevent unintentional data changes
- “A to Z” sorting of any item in a Property Table
- Cost and Part Number field included in all Property Tables
- Support for “power” type pipe flow equations - allows the use of CSST piping
- Support for “Fixed Pressure Drop” fittings and fittings with pressure loss based on a pressure drop equation
- Enhanced regulator handling - calculates droop, handles low inlet pressure and backflow switching
- Enhanced compressor handling - handles high inlet pressure and backflow switching
- Enhanced data text settings - separate settings for each feature type
- Model comparison routine - list the differences between two models
- Copy User Text, User Graphics, and Saved Views from another model - share these items between models
- Connect loose pipe ends - select a group of unconnected pipes and automatically connect them
- Import customer service lines from “dxf” and “shp” files
- Enhanced all import, merge, and export routines
- Copy and multi-edit User Text and User Graphics
- Copy a customer or pipe feature
- User Text, User Graphics, and pipe features can be associated as a group - think of it as a CAD block
- Added group handling commands - copy, move, delete, create, dissolve
- Added a “hydraulic status” to the node data - allows nodes to be turned ‘on’ or ‘off’ for tracing
- Added a “hydraulic type” to the node data - especially useful for tracing
- Use a “template” file when exporting “dxf” data
- Enhanced “snap” handling
- Supports display of a background grid and grid snap
- “Quick Size” routine - set up a sizing specification and run it with a single click
- Added a “Reduce Vertices” command - automatically remove unneeded vertices
- Added a “Snap Loose Pipe Ends” command - automatically connect pipe ends within a specified tolerance
- Added a “Straighten Polyline Pipe” command - removes vertices within a specified region
- Improved “unbroken intersection” handling - mark within a specified area, exclude nodes from review
- Improved symbol display handling - specify an on/off limit
- Support for multiple “undo” handling
- Redo handling
- Enhanced ShapeFile import handling
- Enhanced DXF export handling
- Improved overall User Interface
- Added routine to create a load summary table - especially useful for documenting mechanical style designs
- Enhanced Bill-Of-Material creation
- Added routine to automatically create a legend of User Graphic Symbols
- Symbolize fitting style hydraulic elements
- And much more.

Visit our website for pricing and ordering information, to download a *free* demonstration copy, and to find additional information. Or contact us for answers to your questions.



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