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Engineering And Software For The Natural Gas Industry

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GASWorkS 10 - Enhanced Reports



Data reports are nothing new to GASWorkS. [What's new](#) in GASWorkS 10 is what you can do with the reports once they are generated.

The Report routines can be accessed from the Report menu. There is a spreadsheet style report of the model and attribute data for each model feature type - pipes, nodes, and customers. The Pipe Report, for example, provides a comprehensive collection of information for each pipe in the model, including both size/type and internal diameter values; pipe inlet, outlet, and average pressures; flow rates; velocities; volumes; and pressure drop both from node-to-node and per User-specified length.

Selection sets may be created from within the standard reports, allowing the User to create unique reports on specific data groups. A pipe data selection set may be extracted to create a new model, like if a distribution company wanted to build a model containing only its highest pressure mains. These reports may be printed onto any Windows supported device.

New to GASWorkS 10, additional commands have been added to the standard reports. You may now export data to a CSV file that can be opened in a spreadsheet software such as Microsoft Excel. A "Quick Solve" command has been added to the data report screens, so that you can see the results of any changes without closing the report. Pipes and nodes can be added to a "Favorites" list that can be viewed in the Data Panel whenever the model is solved.

If you have not already tried GASWorkS 10, click [here](#) to request a 30-day evaluation copy. To upgrade today, fill out an [order form](#) and return it to sales@b3pe.com.

User Story



The following was sent to us by a GASWorkS user, and is reprinted here with permission.

Using GASWorkS, City Fuel Gas Company (Private) Limited, Pakistan, designed the gas distribution infrastructure of Bahria Town Karachi, a privately owned neighborhood in Karachi. The total length of the gas network is approximately 2000 kilometers, and includes both pipes and regulator stations. Pipe sizes include 12 and 16 inch steel gas supply mains, and PE plastic distribution mains ranging from 40 to 180 millimeters. The system is designed to serve around 130,000 customers.

Do you have a story about how our software has helped you or your clients? We would love to feature your story in a future newsletter. In a paragraph or two, [send us](#) the details, and we will share it with our subscribers.

B3PE At The APGA Operations Conference

We will be appearing at the [APGA Operations Conference](#), from October 30 to November 1, in Chattanooga, Tennessee.

If you are attending, we invite you to visit our booth and learn more about our innovative design and analytic solutions. In addition, Brad will be presenting on November 1 on the topic of Gas System Modeling.

Stay tuned to the newsletter for future announcements of conferences where B3PE will be exhibiting.

Software Update



Our work doesn't end on release day. Visit our [Updates](#) page to keep your software up-to-date with the latest tweaks and fixes. GASWorkS 10.0 users will find the latest revision posted on **September 17**.



The latest update to GASCalc 5.0 was posted on **April 23**. Development continues on the next version of GASCalc, including new calculations for cathodic protection. Are there any features you

would like to see added? What changes would you make to improve the user experience? Let us know at news@b3pe.com.

Our Products

[GASWorkS™](#) - Affordable and robust network modeling.

[GASCalc™](#) - Suite of gas system design and analytical tools.

[StationManager™](#) - Regulator and relief valve station management solution.

[WaterCalc™](#) - Suite of water system design and analytical tools.

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