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Engineering And Software For The Natural Gas Industry

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Training Update



The final scheduled Basic GASCalc™ 5.0 and GASWorkS™ 10.0 training courses of 2019 will be held from **September 18-20, 2019**, at the world headquarters in Colorado Springs, Colorado. Seats are still available, so submit a [registration form](#) to reserve your spot today. GASCalc training will occur on the first day (Wednesday), and the last two days will be focused on GASWorkS (Thursday and Friday). You are welcome to attend the GASCalc portion only, the GASWorkS portion only, or both.

More information can be found on the [Training Information](#) page of our website, including an [overview](#) of our training courses and details on travel and accommodations.

We can also conduct specifically tailored courses to meet your individual or group needs. Additional courses can be held at our site or at yours upon request. Please contact us at training@b3pe.com to discuss your specific training needs.

GASWorkS 10 - Junction Shapefiles



We are always working to improve the [features](#) that make GASWorkS one of the leading natural gas system modeling tools. Building models from shapefiles is one feature we have recently enhanced.

Many of our customers maintain a record of their gas system in a GIS mapping software, such as ESRI's ArcGIS™. Data from GIS maps can be imported into GASWorkS through shapefiles.

In ArcGIS, data representing a gas system may be maintained in either a "simple" or "geometric" network. In its most basic form, creating a model from a simple network only required importing data from a "pipe" shapefile, which has been supported by many versions

of GASWorkS. Creating a model from a geometric network was not previously supported, as it required import of a pipe shapefile and processing of what are known as "junctions".

GASWorkS 10.0 now includes a Merge routine for processing junction shapefiles. To use this feature, first import the pipe shapefile. Next, merge the associated junction shapefile by going to the *Utilities* menu and selecting the *Merge* item. For the File Type, select *SHP (ESRI Shapefile) File - Junction*. Use the File Selection screen to locate the shapefile containing the junction data, then select the *Continue* button. Enter an appropriate *Fuzzy Tolerance* value, then select *Continue* to process the shapefile.

The Merge routine processes each entity in the junction shapefile and evaluates whether the junction location might represent an "unbroken" pipe intersection (tee or tap) by finding any potential lateral pipes within the specified Fuzzy Tolerance. If any pipes are found, the header pipe is "tapped" and the lateral pipes are connected to the new tap.

With this new junction handling routine, we hope to increase compatibility between your GIS data and GASWorkS, making it easier for Users to keep their models up to date with their system maps.

In order to use this new Merge routine, you need to have the latest update. Visit our [Updates](#) page to download the latest revision, posted on **June 10**.

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.

B3PE Conference Update

Thank you to everyone who visited us at the Western Regional Gas Conference. Whether it was our first meeting, or catching up with longtime customers, it was our pleasure to share what we have been doing. Thank you to the Western Regional Gas Association for hosting another great event.

Our next conference will be the [APGA Operations Conference](#) October 29-31 in Huntsville, Alabama. If you will be attending this conference, we invite you to visit our booth to learn more about our innovative design and analytic solutions, and see demos of GASWorkS, GASCalc, and GASPurge.

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

Applications Portal

Check out our new Applications [Portal](#), where you will find links to GASPurge and the free GASCalc Web App.

Our Products

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

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

[GASPurge™](#) - Natural gas pipeline purging calculator.

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

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

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