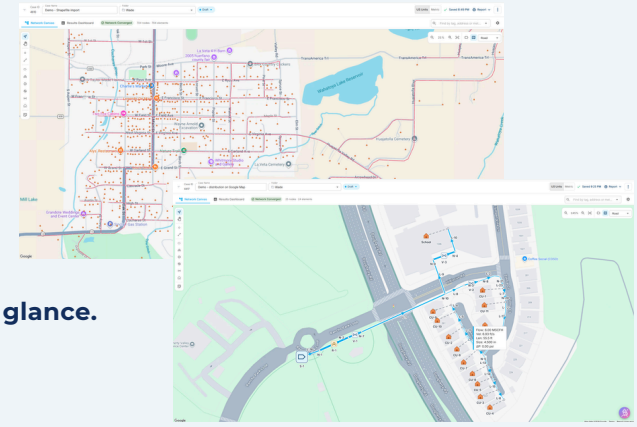
TECHNICAL TOOLBOXES

NetworkFlow - Gas

Cloud-based gas network modeling that shows you problems at a glance.



Gas engineers and utility teams need to know their system can carry the load: that every customer keeps adequate pressure on the coldest day, that new developments and industrial or data center load can be served, and that the right main size is chosen before construction starts.

NetworkFlow - Gas models your distribution network so you can size mains and services, check pressures and velocities across the system, model regulators and compressors, and test what-if changes before you commit capital.

Build models on a map or import them from GIS, solve them, and see results and problem spots right on the drawing instead of digging through tables. Models live in one cloud workspace with nothing to install, save automatically, and can be shared by link, so engineers, planners and reviewers always work from the same answer.

KEY FEATURES

- **Modeling Canvas:** Draw pipes, nodes and customers over Google Maps, aerial images, drawings or PDFs, and edit a group of pipes in one step
- **Results on the Drawing:** Pressures, flows and velocities show on the canvas, with color-coded warnings for high pressure, high velocity and low pressure
- **Engineering Depth:** Model regulators, compressors, valves, heaters and coolers with any gas mix, your choice of flow equation, and gas temperature along every pipe
- **Data In, Data Out:** Bring in GIS shapefiles through a guided import that maps your columns and reviews the data before the model is built
- **Cloud Workspace:** Autosave, shared folders, access controls and share-by-link keep your whole team on the same model

WHY CHOOSE NETWORKFLOW - GAS



See Problems at a Glance

Results and warnings appear right on the drawing, so you spot low-pressure areas and bottlenecks without digging through tables or rebuilding results in Excel or PowerPoint.



Plan for New Load with Confidence

Model new developments, industrial and data center load, and winter peaks, then test what-if changes before you commit to looping, compression or new laterals.



One Model, One Team

No more emailing model files or guessing which copy is current. Your engineers, consultants and reviewers work from one shared model that saves every change.



Engineering Time, Not Software Time

Nothing to install or update, and a guided GIS import turns your system data into a working model quickly, so engineers focus on the network instead of the tool.

FIND OUT MORE

Learn more about NetworkFlow - Gas functionality and schedule a demo to see it in action.

ABOUT TECHNICAL TOOLBOXES

Technical Toolboxes is the global leader of integrity analytics for pipelines to help solve the growing, complex challenges they face across crossings, corrosion, welding, and more. Our modern software platform provides a simple way to get the most accurate pipeline engineering calculations so that you can increase team productivity and improve compliance while decreasing risk. We enable energy companies to move away from rudimentary calculations and processes to a world of fast, secure, scalable pipeline insights you can trust.

To learn more about Technical Toolboxes and the Pipeline HUB, go to www.technicaltoolboxes.com.