

G/Water



Intergraph's G/Water offers an industry-specific, commercial off-the-shelf (COTS) standard solution. G/Water includes all functions needed to efficiently manage and operate a company's water facility network. Based on Intergraph's revolutionary G/Technology®, G/Water is essentially "Industryware" that is based on best practices of the water industry and contains industry-specific parameters and business rules.

Industryware originates from Intergraph's extensive industry and project experience and provides an immediately applicable commercial-off-the-shelf (COTS) solution. The solution can be customized and configured to meet the needs of individual companies.

QUICK AND EASY IMPLEMENTATION

As a configurable and scalable solution that comes with functionality specific to the needs and rules of water management, G/Water speeds implementation and lowers the costs typically associated with deployment of a geofacilities management system.

COMPREHENSIVE FUNCTIONALITY

G/Water is based on open standards, enabling it to link key workflow processes in an integrated information environment. This optimizes planning and maintenance of the water mains and other mechanisms and facilities that comprise the water delivery network. The solution integrates the geofacilities management (network management) with operational functions and services. This makes it possible for these systems to work together smoothly to administer planning, development, building, enterprise, and maintenance.

G/Water supports the following:

- Workflows for planning, engineering, and construction
- Network design, data collection, and maintenance of the facility network model

- A standard Oracle-based data repository, which allows information about the water supply network to be accessed by corporate applications and decision makers as needed
- Access to linked documents such as reports, tables, photos, and satellite imagery, as well as scanned plans and maps
- Web accesses to property, facility network, and customer data
- Mobile data access for field service personnel
- Standard and ad hoc reports and plots
- Integration among key functions, such as engineering, maintenance, field service, accounting, marketing, risk management, and work management systems
- Standardization and automation of routine tasks and data processing
- Complete lifecycle management of all assets within the water network model

STANDARD G/TECHNOLOGY COMPONENTS

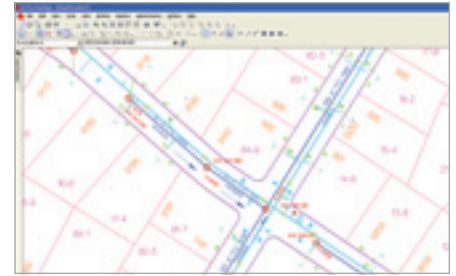
G/Water contains applications for the different tasks and users involved in the day-to-day management of a water network. These are represented by G/Technology's standard application modules – G/Designer, G/Analyst, G/NetViewer, and G/MobileViewer. For professional administration of the system, G/Administrator is available.

G/WATER DATA WAREHOUSE

The key elements of G/Water are its industry-specific network model and the geofacilities database, which is managed and activated via a metadata structure. The network model contains objects, graphic definitions, asset attributes, network definitions, topology, and asset connectivity relationships – all of which are required to optimally manage and maintain a water delivery system.

ENABLING ENGINE FOR GEOSPATIAL RESOURCE MANAGEMENT (GRM)

G/Water provides the foundation for GRM within water utilities. GRM requires a truly open technology framework that allows valuable network engineering data to coexist within a company's enterprise information technology (IT) infrastructure. G/Water is structured to help eliminate legacy boundaries and create a single source geofacilities model, optimizing system integration and end-to-end processes. GRM delivers significant improvements in customer service and helps to maximize the use of network and human resources.



G/Water provides tools for the complete management of the water and wastewater network integrated with relevant basemap features in an easy-to-use interface.

THE INTERGRAPH SOLUTION

With 35 years of technology innovation to its credit, Intergraph understands the business challenges customers face every day. Our unique combination of pioneering technology and comprehensive professional services makes Intergraph Mapping and Geospatial Solutions the leading provider of customized geospatial solutions for local, regional, and national government entities; transportation and mapping agencies; utilities and communications companies; commercial remote sensing and photogrammetry organizations; military and intelligence agencies; educational institutions; and more.

ABOUT INTERGRAPH

Intergraph Corporation is the leading global provider of spatial information management (SIM) software. Security organizations, businesses and governments in more than 60 countries rely on the company's spatial technology and services to make better and faster operational decisions. Intergraph's customers organize vast amounts of complex data into understandable visual representations, creating intelligent maps, managing assets, building and operating better plants and ships, and protecting critical infrastructure and millions of people around the world.

For more information, visit our Web site at www.intergraph.com.

