



Product overview

Intergraph G/Technology® Fiber Optic Works® from Hexagon's Safety & Infrastructure division is an advanced telecommunications GIS that provides location-based information and capabilities to enhance the complete life cycle of civil infrastructure and fiber network management – from design and construction to maintenance and operations. Fiber Optic Works supports geospatial infrastructure management needs throughout the enterprise.

Fiber Optic Works maintains a definitive source of reliable, location-based information that describes the fiber facility network and its connectivity that can be shared with users and systems across the business. Its feature-rich interface helps users plan, connect, and deploy fiber networks and supports full tracing capabilities, fault analysis, and path redundancy. Fiber Optic Works empowers users to assess, manage, and track the status of projects, equipment, and connections, and coordinates with other systems to model the full engineering life cycle.

An out-of-the-box solution, Fiber Optic Works supports operations support system (OSS) and network resource management (NRM) integration and maintains extensive attribution on each fiber device and conductor to track connectivity.

Value propositions

Intergraph G/Technology® Fiber Optic Works® 10.04.2001 offers functional enhancements for user workflow in Desktop as Fiber Feature Editor material list and Infrastructure diagram manipulation. Intergraph Networks Portal – Fiber 10.04.2001 release continues to extend fiber read data functionality with containment in an innovative way by adding new graphical approach.

Key enhancements summary

Note: The solutions in this announcement are only available in Europe, the Middle East, and Africa (EMEA). For the latest products in other areas, please contact your local account or sales representative.

Improved Fiber Feature Editor

Fiber Feature Editor has a new UI to select material for Parent-Child and Containment tabs. New UI minimises numbers of click to select and set type of material and add it to features. New select material grid has additional options like: sorting, grouping and columns selection. For best ergonomics of user workflow, the grid last settings for each type of material will be saved for user for next sessions.

Infrastructure diagram manipulation

Fiber Optic Works Services & Circuit Extensions has now new possibility to manipulate objects on infrastructure diagram in order to adopt it to users, company needs. Diagram can be modified by drag and drop ducts or splice enclosures to enhance its visibility readability. Modified diagram will be saved in database for other users.



Containment Context added

Intergraph NetWorks Portal – Fiber has now added containment context in its fiber feature explorer splicing tab. All containment information concerning fiber cables as ducts and inner ducts hierarchy are visible in splicing tab.

Containment tab

Intergraph NetWorks Portal – Fiber' Fiber Feature Explorer has Containment tab presenting internal structure of containers such as fiber ducts and infrastructure enclosures such as Fiber Branch Enclosure and fiber handhole. Containment graphical presentation has a form of infrastructure diagram which allows user to see all contained element on one graph.

Added Installation scripts to setup for PE and SC Extensions

The Fiber Optic Works setup has been extended by add-on installations scripts.

The Fiber Optic Works -01.04.2001 release contains also updated managed model in three versions as it was initiated in 01.04.1910 version.

Licensing & distribution

Version 1.4.2001 uses the Reprise licensing system. NetWorks Portal – Fiber, Path Extensions, Services & Circuit Extensions and Design Assist should be sold separately.

For more information, visit [Licensing Resources](#).

Additional information & resources

Learn more by visiting the [support site](#), and the [Intergraph G/Technology Fiber Optic Works® page](#) on our external site.