

Hexagon Safety & Infrastructure Supports Unidata Fiber Optic Network in Rome

Leading Internet Service Provider selects Intergraph G/Technology® Fiber Optic Works® to consolidate network information

Huntsville, Alabama, March 7, 2016 – Unidata SpA has selected Hexagon Safety & Infrastructure's advanced telecommunications GIS software to help manage the company's metropolitan area network in Rome. Using Intergraph G/Technology® Fiber Optic Works®, Unidata can deploy a geospatial resource management system that will enhance knowledge of the existing network, support new design efforts and improve operations, sales and geo-marketing activities.

Unidata's technical department, charged with planning and deployment of the fiber optic network, will use the Hexagon software to analyse the network, design new sections and make changes to the network configuration as new customer connections are added. By improving the company's enterprise information architecture, the system will also enhance data exchange between the back office and field personnel and reduce service restoration times for customers.

"Our fiber-to-the-home (FTTH) network has grown rapidly in recent years, and become unmanageable using flat files. Without a network management system in place, it is difficult to support our design needs and other activities," said Massimo Gradillo, network engineer, Unidata. "With Hexagon's Fiber Optic Works, we can standardize the design process and reduce time spent searching for existing data. Overall, it provides a better view of network data, which aids planning, operations and other business activities."

With Fiber Optic Works, Unidata will consolidate network data spread over multiple AutoCAD and Excel files, creating a single, smart repository. The system will coordinate all fiber asset information in a distributed multi-user environment that enables both outside plant (OSP) and inside plant (ISP) management. Hexagon's local partner, GESP srl, is implementing the system.

Among the first Internet service providers in Italy, Unidata's fiber optic network in Rome consists of more than 300 kilometers of assets, including important telecommunications nodes, telephone exchanges, the NaMeX Internet exchange point and two Internet data centers. The network is the basis of HiperLAN and Wi-Fi networks.

Unidata selected Fiber Optic Works because of the software's capabilities, the high level of openness of the applications and the richness of Hexagon's entire suite of products. Another important factor was Hexagon's extensive global telecommunications customer base and industry knowledge as well as its specific customer references and local market knowledge in Italy.

"Fiber Optic Works will help Unidata consolidate its network information and improve many workflows that are fundamental to its business," said Tiziano Orsenigo, account manager for utilities and communications, Hexagon Safety & Infrastructure. "Unidata joins Vodafone Italy, Retelit, Asco Tlc and other communications companies that use Hexagon software to deliver FTTH across Italy."



Hexagon Safety & Infrastructure helps utilities and communications companies achieve greater reliability, enhance customer satisfaction, increase efficiency and fulfil the expectations of their customers, shareholders and regulators. A pioneer in the development and application of location-based technology, Hexagon Safety & Infrastructure provides solutions to hundreds of utilities and communications customers around the globe, supporting network engineering, network operations, customer services, sales and marketing and physical security.

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For more information, contact:
Jim Dobbs, +1 256 730 8558, jim.dobbs@hexagonsi.com

About Hexagon Safety & Infrastructure

Hexagon Safety & Infrastructure provides mission-critical and business-critical solutions to governments and service providers. A global leader, proven innovator and trusted partner, our software and industry expertise help improve the lives of millions of people through safer communities, better public services and more reliable infrastructure. Visit www.hexagonsafetyinfrastructure.com.

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