Ushering in a new era of network management

Introduction

Orange Jordan, a leading telecom provider in Jordan, is committed to delivering cutting-edge connectivity and innovative digital solutions to individuals and businesses across the Kingdom. With a strong legacy of innovation, Orange Jordan continues to enhance its robust network infrastructure to ensure unmatched reliability, scalability, and superior service quality, whilst driving digital inclusion and transformation throughout the region.

The challenge

As a pioneer in network management, Orange Jordan has consistently led the region in adopting innovative technologies. In 2000, the company implemented Ericsson Network Engineer (ENE), becoming one of the first operators in the Middle East to deploy this advanced platform for physical network inventory. Over the past 24 years, ENE has served as the cornerstone of Orange Jordan's network management strategy, enabling efficient documentation and control of a vast telecom infrastructure.

However, as ENE approaches the end of its lifecycle, the limitations of an aging, desktop-based system have become increasingly apparent.

Why 3-GIS as the solution?

> Web-based

> Cost efficiency

> Flexibility

> Scalability

> Rapid adoption

The problem

The legacy ENE system, though groundbreaking in its time, has posed several challenges for Orange Jordan in recent years:

> **Outdated technology**: Built on older platforms like Esri ArcGIS Desktop (ArcMap) and reliant on the Microsoft .Net Framework, the system was increasingly incompatible with modern tools and technologies.

> **High maintenance costs**: Maintaining the ENE system came with significant expenses, with limited scalability and adaptability in response to evolving industry demands.

> **Integration difficulties**: The closed, versioned database structure created challenges in integrating with newer technologies, limiting operational flexibility and responsiveness.

> **Limited accessibility**: The desktop-based system restricted access to critical network data, hindering seamless collaboration across teams.

The solution

Recognizing the need for strategic transformation, Orange Jordan selected **3-GIS | Web** for its proven track record in geospatial network management and its ability to address the unique challenges of telecom providers, offering a next-generation platform that overcomes the limitations of legacy systems.

This migration to 3-GIS offers a host of advantages:

> **Smooth transition**: Proven data migration procedures and automated validation tools ensure the preservation of decades of valuable network data with minimal operational impact.

> **Modern tools**: Advanced GIS visualization, planning, and data maintenance tools optimize network asset management and enable data-driven decision-making.

> **Integrated systems**: Real-time data updates and REST-based APIs enable seamless integration with existing systems, improving interoperability.

> **Simple usability**: An intuitive user interface reduces training time and ensures rapid adoption.

> **Rock-solid reliability**: Robust disaster recovery plans and high-availability infrastructure secure business operations and minimize downtime.

Adopting the 3-GIS platform is more than just a technological upgrade; it represents Orange Jordan's commitment to continuous innovation and excellence in network management. By embracing this advanced solution, the company is building a scalable, efficient, and future-proof infrastructure that positions it as a responsible digital leader.

With streamlined operations, enhanced accessibility, and support for next-generation technologies, Orange Jordan is setting a new standard for telecom providers in the region.

About 3-GIS

3-GIS, an SSP Innovations company, empowers companies to achieve better operating efficiencies and to meet the challenges of building increasingly complex fiber networks. 3-GIS uses a data driven approach based on geospatial reference, rules-based calculations, mobility, and web-based services to revolutionize the potential and realize the market opportunities of fiber assets. Our fully-configurable solutions allow users to plan, design, and manage networks; provide real-time data that is used enterprise-wide; and enable automation for faster service activation, in one seamless system. The company has development, services, product support, and operational staff in five countries challenging the status quo every day to improve the economic visibility of fiber networks; creating a more connected, informed, and lighted world.

Contact us to learn how 3-GIS can support your fiber projects.

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