



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.



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?



Web-based



Cost efficiency



Flexibility



Scalability



Rapid adoption

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Problem

The legacy ENE system, though groundbreaking in its time, has posed several challenges for Orange Jordan in recent years: 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- **Outdated technology:** Built on older platforms like Esri ArcGIS Desktop (ArcMap) and reliant on the Microsoft .Net Framework, the system was increasingly incompatible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. Leveraging advanced web technologies for enhanced workflow integration and management dashboards
- **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.

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 impacts.
- **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.

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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 gives telecom and utility companies the visibility and confidence to build increasingly complex networks and operate them efficiently. Our data-driven approach combines geospatial reference, rules-based calculations, mobility, and web-based services to unlock the full market potential of network assets.

Fully configurable and purpose-built for telecom and utility operations, our solutions plan, design, and manage networks, deliver real-time data enterprise-wide, and automate service activation in one seamless system. Teams make better decisions, reduce costs, and move faster. Development, design services, product support, and operational staff in five countries challenge the status quo.