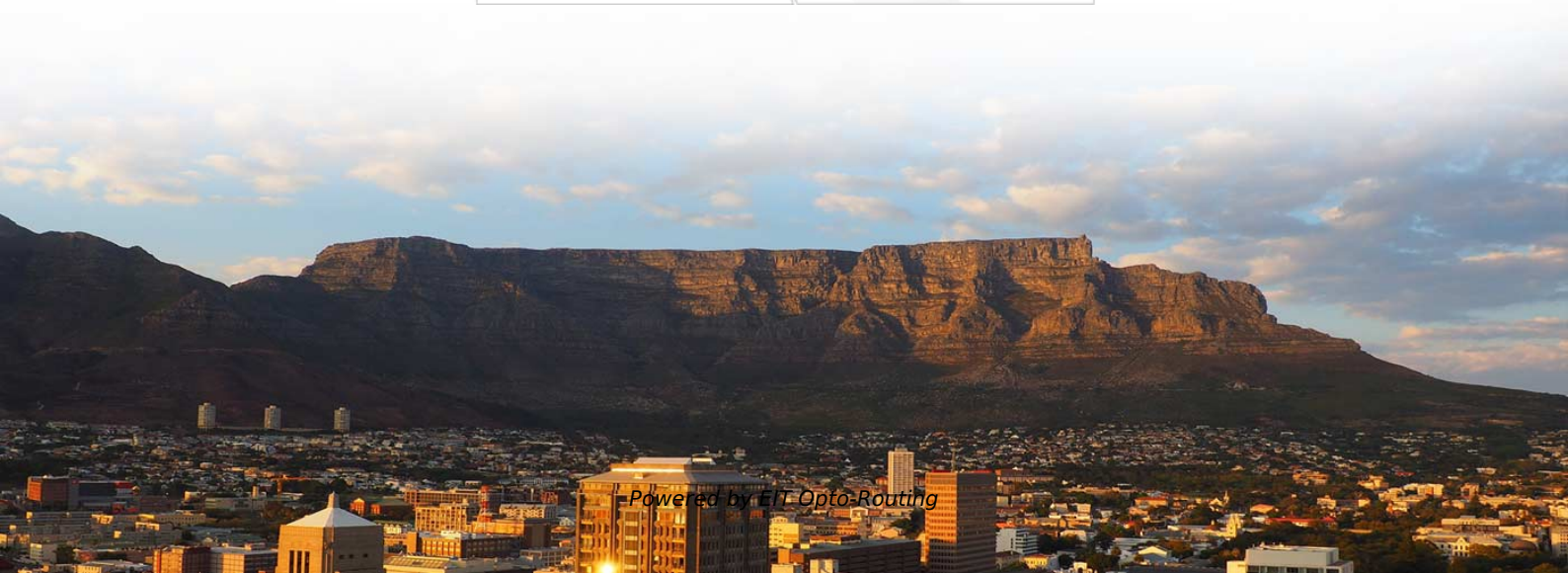


Iraq Surveillance Fiber Optic Cable Planning





Overview

This fiber optic cable, expected to be completed in 2027, will provide ultra-high capacity (24 pairs of fibers, up to 720Tbps) and low latency connectivity, connecting Iraq with Gulf countries including Qatar, Oman, the United Arab Emirates, Bahrain, Saudi Arabia, and Kuwait. The Silk Road, an ancient network of trade routes, facilitated the exchange of goods and ideas between the East and West for more than 1,500 years. Now a leading Iraqi fiber optic provider has launched its own 21 st century version - The Silk Route Transit Network. The Iraqi Ministry of Communications has unveiled two major initiatives aimed at modernizing the country's digital infrastructure: the nationwide expansion of fiber-to-the-home (FTTH) services and the launch of a new international submarine cable link. Iraq's participation in the Gulf Fiber Optic (FIG) submarine cable landing project is an important step in this direction, as part of the agreement between the Ooredoo Group and the Iraqi Telecommunications and Postal Company (ITPC).



Iraq Surveillance Fiber Optic Cable Planning

FIBRE OPTIC CABLE FOR DRONES

Fibre-optic drones are cable-guided attack drones used by Hezbollah against Israeli troops. The drones bypass electronic jamming, fly low, and strike targets using optical cables and cameras.

Iraq-based iQ Group Launches Silk Route Transit Network

Now a leading Iraqi fiber optic provider has launched its own 21 st century version - The Silk Route Transit Network. Based in Sulaymaniyah, Iraq, iQ Group launched the ambitious project in



Fiber Optic Development Special Case Study in Kurdistan Region And Iraq

FIBER OPTIC OVERVIEW Fiber optics refers to the technology of transmitting light down thin strands of highly transparent material, usually glass but sometimes plastic. Fiber optics is used in

Iraq Expands Fiber Network and Signs Sixth Submarine

The Iraqi Ministry of Communications is intensifying efforts to modernize the country's digital infrastructure through two major initiatives: the

Silk Route Transit



iQ Silk Route Transit Network is known as Iraq's first fully secured fibre network, deployed in parallel with the Middle Eastern country's strategic oil

Iraq positions as a digital landscape and gateway with new fibre-optic

Iraq's emerging role as a connectivity hub is gaining momentum with key fibre-optic transit links and international partnerships driving digital infrastructure expansion. These developments

Iraq, Lebanon Discuss Fiber Optic Cable Project

The head of Iraq's National Investment Commission (NIC), Dr. Haidar Mohammed Makiyya, has met with the Lebanese Prime Minister, Mr. Najib Mikati.



Case Study: Fiber Optic network installation and Monitoring at Cihan

With a focus on the technical, governmental, and administrative difficulties, this study aims to analyze the difficulties in installing fiber optic cables at Cihan University in Erbil and suggest workable

Fiber Optic Cable Project in Iraq

Fiber Optic Cable Project Description The Fiber Optic Cable Project is centered on establishing a specialized industrial facility spanning 4,200 square meters,

Silk Route Transit Network -- Grokipedia

Early planning from 2010 focused on engineering a multilayer fiber-optic system designed for high-capacity, low-latency transmission, with initial targets to deploy over



2,000 kilometers of cabling

Fiber Optic , Iraq Business News

The National Investment Commission (NIC) has hosted a high-level meeting with an Omani delegation to discuss the establishment of advanced international data centres and the transit

Falcon: First submarine cable that transmit internet to Iraq

All these cables were used to transmit telegraph messages and then make phone calls. Initially, these cables were not made of strong metal in a

Solution Fiber ve Data Solutions Smart-Tech offers a complete line of solutions from cables to connectors to hardware, accessories and more - we have you covered.

Iraq boosts global data access with Fibre in Gulf subsea

In order to provide low-latency services for hyperscalers, enterprises, data centers, and telecom operators, a 2,000-kilometer cable with 24 pairs of

Iraq

iQ Group, a leading Iraqi fiber optic provider founded in 2005, operates the Silk Route Transit, a fibre-optic terrestrial cable across Iraq over 3500 kilometres, with six cable landing stations across Iraq



Iraq Accelerates Digital Transformation with Fiber Expansion and New

The Iraqi Ministry of Communications has unveiled two major initiatives aimed at modernizing the country's digital infrastructure: the nationwide expansion of fiber-to-the-home

Fig. 4. Iraq's fibre optic nodes and connectivity Where Flag 11

Iraq's fibre optic nodes and connectivity Where Flag 11 represents the connection with the submarine cables (GBI, FALCON).

Fiber Optic , Iraq Business News



Minister Hiyam Al-Yasiri highlighted strategic projects for investment, including submarine and transit [fiber optic] cable systems and data centres, aimed at enhancing Iraq's digital

Company profile

Fiber Optic cable installation & Splicing Arc provides the most highly structured network cabling and fiber optic solutions to quick and affordable install a quality infrastructure. Wherever you company is in

Fiber Optic Cable Project in Iraq

The Fiber Optic Cable Project is centered on establishing a specialized industrial facility spanning 4,200 square meters, dedicated to the manufacturing of high



Iraqi National Backbone

Fiber optics technology is considered the most environmentally friendly technology, unlike electromagnetic waves, as currently used with wireless

Iraq Expands Fiber Network and Signs Sixth Submarine Cable Deal

By Jennifer Onyeagoro, TechAfrica News August 29, 2025 The Iraqi Ministry of Communications is intensifying efforts to modernize the country's digital infrastructure through two

Silk Route Transit



Silk Route Transit iQ proudly announces the most strategic fibre optic project in Iraq and the region: The Silk Route Transit. As a transit hub, Iraq will be able to link all the neighbouring countries to the

Our Solutions-Smartec Global

Fiber and Data Solutions Smartec Global offers a complete line of solutions from cables to connectors to hardware, accessories and more - we have you covered. Smartec Global is a valued-added

Case Study: Fiber Optic network installation and Monitoring at Cihan

In both Kurdistan Region and Iraq, the telecommunications sector has undergone various stages of transition. In the previous ten years, the industry has grown at an exponential rate. Effective



Contact Us

For datasheets, pricing, or custom optical networking solutions, please visit:
<https://www.entrenamientointeligente.es>