

iQUILA FOR CONSTRUCTION



OUR CHALLENGE

As a leading construction company, we constantly strive to meet and exceed the expectations of our clients through innovative solutions and exceptional service. Our expertise spans residential, commercial, and industrial projects, with a commitment to quality, safety, and sustainability. This document outlines a recent project where we implemented advanced connectivity solutions to enhance our operational efficiency and service delivery.

OBJECTIVE

To ensure uninterrupted and secure connectivity across multiple construction sites, facilitating seamless communication, data transfer, and operational management.

CHALLENGES

In the construction industry, maintaining robust and stable connectivity across various sites poses significant challenges. Key issues include:



Remote locations:
Construction sites are often in remote areas with limited infrastructure.



Security:
Protecting sensitive project data and communications from potential cyber threats.



Connectivity stability:
Ensuring continuous connectivity to avoid disruptions in project management and communication.



Cost efficiency:
Implementing cost-effective solutions without compromising on performance and security.

more 

SOLUTION

After thorough evaluation, we selected iQuila Enterprise as our solution due to its advanced VEN protocol, which ensures reliable data transmission and robust connectivity even in challenging environments. The decision was influenced by iQuila's proven ability to maintain seamless operations across diverse and remote locations.

The iQuila Enterprise solution was expertly deployed in our data centre, with remote sites connected through a combination of 5G routers and satellite links in areas where 5G was not available. This hybrid approach allowed us to achieve seamless connectivity by extending selected VLANs to the relevant sites, ensuring consistent and reliable performance.

One of the significant advantages of the iQuila Enterprise solution is its ability to enable smooth management of remote locations. By leveraging the VEN protocol, we were able to facilitate essential services such as VOIP and printing without any disruptions. This capability has been particularly beneficial in maintaining high levels of operational efficiency across all our sites.

Moreover, the flexibility of this solution allowed us to transition away from traditional fixed-line connectivity. This flexibility means that once a project at a particular site is complete, we can easily move the equipment to a new location, significantly enhancing our cost savings and operational efficiency.

Overall, the iQuila Enterprise solution has proven to be an invaluable asset, providing us with a reliable, cost-effective, and scalable connectivity solution that meets the demands of our expanding construction operations.

