

Customer story

INDUSTRY:

RENEWABLE ENERGY



HIGHLIGHTS

Renewable Energy – Cloud driven versatile connectivity in remote locations using SD-WAN

CLIENT

An industrial trendsetter in the Solar Energy production and Total Life Cycle Management sector with over 100 plants across India.

REQUIREMENT

The client required a dependable network solution to ensure uninterrupted communication and data transfer across their extensive network of solar plants situated in remote and challenging locations.

- A robust connectivity system was essential to handle the constant flow of operational data from each plant to the central management system without delays or disruptions.
- The solution needed to accommodate the growing network of solar plants while maintaining high performance.

CHALLENGE

The company encountered significant challenges in regions lacking robust wired infrastructure, making it difficult to establish reliable network connections using conventional methods.

Remote and underserved locations experienced frequent disruptions due to the absence of stable and dependable connectivity solutions, impacting operational efficiency.

Reliance on traditional connectivity approaches proved ineffective in overcoming the geographical and infrastructural limitations of these areas.

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SOLUTION

[Managed SD-WAN as a Service]

To address this complex requirement and challenge, Viva provided an ideal solution for the client.

The proposed solution included the following components:

- **Versatile Connectivity:** Accessing the client's problems, Viva presented a unique connectivity solution. Viva installed an Edge router, which is equipped with three built-in SIM slots.
- **Optimal Performance:** The Edge router proved ideal for the client's diverse sites across the country with its speed bonding capability.
- **Seamless Connectivity:** The solution addressed the connectivity issues in remote areas by offering a blend of wired and wireless connectivity.
- **Cloud-Driven Connectivity:** An added advantage of Multi-Path Cellular Aggregation was provided for seamless data transfer and storage with other Cloud-related benefits.
- **Revolutionised Connectivity:** Implementation of 4G SIM Broadband solution coupled with LTE slots for enhanced connectivity in remote locations.
- **Enhanced Network Resilience:** The integration of automatic failover mechanisms ensured uninterrupted connectivity.