

powering a state's digital future with our **High-Speed Connectivity**



Enhancing Connectivity with **Vi Business Internet Lease Line (ILL) Services.**

A public-funded initiative by the State Government aims to provide high-speed internet connectivity to the citizens and the Government departments.

A nodal body providing connectivity is enabling this initiative for the State Government. It acts as a centralized network operations centre (NOC) with 375 points of presence (PoPs) and a vast network spanning 30,000 Km of fibre routes. It connects over 30,000 government institutions and delivers fibre-to-the-home (FTTH) connectivity to 14,000 households also.

The objective is to help the Government achieve the mission and reduce the digital divide by providing all citizens and institutions with internet access.



Business Challenge

- As part of their philosophy of treating the internet as a fundamental citizen right, this nodal body wanted to build a robust core network infrastructure that was widely accessible as well as deeply functional.
- They also wanted to provide a reliable, secure, and scalable intranet to all government offices, educational institutions, hospitals and free internet access to economically challenged households.
- They planned to provide 20 Gbps bandwidth and scale it up to 100 Gbps as they developed their vision.
- However, delivering high-speed connectivity at such a scale was a challenge.
- The existing provider could not meet their quality and scalability expectations.



Our Solution

- Vi Business addressed these business needs by providing highly reliable and secured connectivity.
- Due to our consultative approach and expertise in building large, reliable and scalable networks which has strong technical capability, we became the preferred partner for them.
- We are the preferred primary service provider, offering them three reliability paths to ensure uninterrupted connectivity.
- As part of our initial project scope, we provided 20 Gbps Internet Lease Lines (ILL) connectivity. This has since been upgraded to 50 Gbps.



Business Impact

The implementation of our solution brought about significant changes.

- Our solutions helped network provider boost connectivity and provide uninterrupted internet to citizens and institutions. They are also delighted with our three paths for reliability and on-time delivery.
- This has enabled the citizens and institutions of the state to enjoy highly reliable and stable internet connectivity at world-class speeds.
- The network is characterised by its high availability. In fact, ever since the partnership with Vi business kicked off, there hasn't been a single incident of downtime.
- The vision for the future remains ambitious. We are currently in the process of connecting 30,000+ government offices and scaling up from 30Gbps to 100Gbps ILL in the next few years.