

Why India requires the Fiber Infra like other developed countries



Wi-Fi 6 is the new standard in compliance with evolving internet infrastructure needs.

By GX Group

Sweden is a large country, stretching far from north to south. Therefore, a well-functioning infrastructure has been vital to Sweden's development – from railways to telecommunications and

broadband. Policies offering access to technology and the high-speed internet have contributed to making Sweden the world's most innovative nation it is today.

Part that Government needs to play!

Government played a key role in the development of today's thriving start up scene by subsidising computers and fast internet connections.

In the 1990s, you could be a working-class kid with a computer at home even if your parents did not make a lot of money. By the early 2000s you could have a pretty decent broadband connection and in 2016, the government also adopted a new broadband strategy. It aims to get all of Sweden connected to high-speed internet by 2025.

Age of Advanced Technology begins:

A study in USA claims that a specific Wi-Fi connection has an average of 8 devices connected to it. This means this number of Wi-Fi enabled devices are increasing and hardware required to sustain such demands should be met by evolving technology.

Wi-Fi 6 is the new standard in compliance with evolving internet infrastructure needs. As the world of content and OTT increase their arsenal of products to be consumed by their subscribers, need for faster and high-quality internet rises.

FTTH Deployments in India:

Fixed broadband/FTTH (Fiber-to-the-Home) is nowadays shaping up to be the foundation of India's digital



society, bringing economic prosperity and a multitude of business, social, and entertainment opportunities to its users. The increased consumer demand for high-speed network is being taken more and more seriously which is further increased with the pandemic situation, and a fiber-based solution is able to handle the growing demands due to its high bandwidth and reliability.

Apart from all the common benefits we see in our daily life, in EU they have observed socio-economic impacts of a fiber-based solution. For the rest of the world, a 10 per cent increase in internet penetration leads to a 1.2 per cent increase in GDP,

while in India we will see 10 per cent increase in internet traffic leads to a 3 percent increase in GDP.

Current demand is growing in Rural areas, where nearly 70 percent of the population is living today. This is the major force of innovation and start-ups, and by enabling them to get connected with FTTH there is an opening of major scale generation supporting start-ups, freelancing, and innovations, along with a mass scale digital workforce.

What Researchers Say:

A research done in Europe says that a 10% increase in population living within a fiber-connected area

has around 3% positive change in population after 2 years, and around 4% percentage positive change in employment after 2 and a half years.

The wave for high end technology has just started, where rural India registered an internet growth at 45% while urban India logged 11% as overall monthly active internet usage, out of that 38% are school-going children segment in the age group of 15 years or below with access to information and education, social media, gaming and entertainment. **AUS**



Paritosh Prajapati
CEO,
CX Group



The next coming years we will witness the Next Wave of Digital India, which has been supported by the lockdown and social distancing, driving users to experiment with various digital solutions. The year 2021 we will see a realization in both Internet Adoption and Frequency of usage creating world largest digital adaptation. ”

