



USE CASE

Public Sector



Statewide Fiber-Optic and Data Center Connectivity Solution for Digital Public Services

Implemented in Brazil

Challenge:

- Expand connectivity at a statewide scale with high availability, ensuring operational sustainability and growth capacity.
- Reduce the digital divide and enable digital public services through reliable, long-term infrastructure.

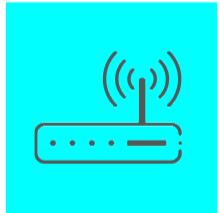
Solution:

- Deployed and operated a high-capacity statewide fiber-optic network (~7,000 km).
- Delivered critical infrastructure for public services, including a Tier III Data Center and connectivity for public agencies and public spaces.
- Long-term concession model ensuring technological continuity and future expansion.
- Enabled the foundation for the digitization of services across multiple areas of the State.

Benefits:



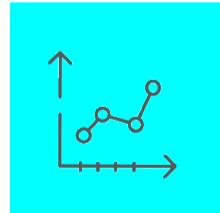
Reduction of digital exclusion through data, voice, and **video services for public entities**.



Expanded connectivity for institutions and **public spaces with community Wi-Fi**.



Foundation to accelerate digital services such as **telemedicine, education management, and electronic records/workflows**.



Continuous and scalable operations, ready to **support new demands and future services**.

Tags: Fiber Optics; Statewide Backbone; Public Connectivity; Public Wi-Fi; Tier III Data Center; Concession/PPP; Digital Inclusion; Digital Government; Scalability; 24x7 Operations.