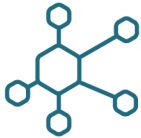# Building a Network for Future Growth

Transport Engineering Services for Increased Revenue

Communications   **Transport Engineering**   **Field Services**

BACKSTORY

A large wireless network operator experiencing major growth was running out of capacity on major optical routes in their network. As they were standing up their 5G network, they experienced a need to manage the transport engineering services on their current network including circuit provisioning for TDM, ethernet, and dark fiber services, capacity planning, and Tier 2 engineering services.

SOLUTION

The client sought the help of TSG to begin overbuilding their network to assist with network growth, as well as provide transport engineering services. TSG provided RCAT (Remote Commission and Test) engineering services including managing the ACD (Automated Call Distributer), and remotely commissioning, provisioning, testing, and troubleshooting equipment. TSG worked with the client to migrate their existing database of circuit records to a new internal system.

TSG MANAGED SOLUTIONS

Solution Development

TSG developed an optimal project plan and execution strategy for new circuit design, upgrades, and equipment ordering.

Building & Scaling Teams

TSG built and scaled a team of experienced engineers that provided remote commissioning, provisioning, and testing, ensuring optical transport network quality.

Service Delivery

TSG owned engagement oversight of the end-to-end request process supporting the implementation of optical transport planning, commissioning, provisioning, and testing.

Project Outcomes

Through ensuring the client's networks were ready for customer traffic, TSG helped enable increased reliability, performance, and revenue.

TSG partnered to handle the client's business as Usual (BAU) projects while their internal teams focused on building out their 5G network.

TSG assisted the client in exceeding their 90% Ready for Traffic capacity goal on their core network.