



# Network Upgrade for High-Volume Connectivity



*TSG facilitated a smooth transition for 600 MDU customers.*

## BACKSTORY

A US telecom giant faced a pressing deadline to upgrade the networks of approximately 600 multi-dwelling unit (MDU) customers in order to adhere to a new security enhancement requirement. They urgently needed to reconfigure nationwide VLANs for MDU customers, create a new network, conduct crucial tests, and ensure existing networks functioned seamlessly. This entailed identifying MDU customers by PPKs instead of MAC addresses. With a tight deadline looming, they sought help managing complex MDUs within budget and timeframe.

## SOLUTION

TSG assembled a team of network engineers to build an enhanced PPK network while conducting simultaneous testing without disrupting the existing network. Virtually addressing the client's 600 MDUs, TSG executed a seamless transition after testing, dismantling the old network without any service interruptions for the customers.

TSG's partnership approach, profound expertise in telecom, agile strategy, and adept performance management empowered the client with a flexible solution, enabling swift adaptation as the project evolved. This led to a seamless migration of challenging MDU customers to new networks, allowing our client to complete this prominent and high-volume project within their stringent deadline, without customers experiencing any service disruptions.

## TSG's Offering: Elements of Managed Solutions

- **Solution Development**  
We work with clients to develop an optimal project plan and execution strategy.
- **Building & Scaling Teams**  
We lead the team selection process and role alignment.
- **Service Delivery**  
We own engagement oversight and ensure you meet your deliverables.



MDUs



Infrastructure & Network Services



VLANs