

Hybrid Cloud Modernization



Uplifted billing system supports millions of customers



Communications



Cloud & Edge



API Migration,
Microservice
Architecture,
OSS/BSS



TSG
Team Size: 55

BACKSTORY

When a major telecom service provider underwent a large, strategic acquisition, it needed to transfer legacy operational systems over to a modern hybrid cloud-based Operational Support System (OSS). With the goals of uplifting the capabilities of its current billing platform to support emerging cloud technologies, scaling with automation, and improving both latency and security, the telecom needed a plan to sunset legacy platforms while integrating the old and new systems.

SOLUTION

TSG partnered with the client to build out the ideal architecture to support their end-to-end software development lifecycle (SDLC) from planning to execution. Assessing the state of current and future architecture, TSG supported the client with agile methodology and architected a hybrid cloud-based OSS model, while integrating, migrating, and consolidating multiple legacy on-premises systems.

TSG MANAGED SOLUTIONS

Solution Development

Our solution architects partnered with the client to establish a timely and cost-effective plan for agile, sprint-based teams to provide architecture, roadmaps, software development, and quality assurance of a new OSS.

Building & Scaling Teams

TSG's proposed solution utilized a uniquely flexible, overarching SOW that enabled TSG to synchronize service delivery to the pace of the client.

Service Delivery

TSG's service delivery model ensured collaboration at every phase of the agile development lifecycle from architecture to implementation to operations and maintenance.

Project Outcomes

- ✓ TSG helped successfully migrate millions of customers from the client's legacy operations system to a modern, hybrid cloud OSS billing platform.
- ✓ Leveraging agile framework and end-to-end SDLC support, TSG was able to offload the client's responsibilities, allowing them to focus on the emerging technologies the billing system supports.
- ✓ TSG's support in the client's critical post-acquisition billing platform was so successful that the client extended its reach to internal systems.