Case Study

Essentials network assessment for an infrastructure company

Challenges:

The customer engaged Tata Communications Transformation Services (TCTS) to assess the quality of network and enable themto provide a great experience for Microsoft 365 – Skype for Business online platform across 11 internet sites and over 65 branches within APAC. TCTS also assisted the customer move from legacy to a Cloud Unified Communications platform.

The network assessment was performed based on Skype Operations Framework and bandwidth calculations.

TCTS Approach:
The project was delivered in three stages:

Pre-assessment stage
- Kick-off, questionnaire, network envisioning
- Bandwidth Data for Calculations (WAN and Internet)
- Finalizing the assessment architecture (placements of probes and management servers)

Assessment
- Install and configure the Assessment software
- Probes monitoring for 1 week
- Data integrity checks from probes and management of tool

Post-Assessment
- Gathering historical data and compiling reports
- Performing analysis for bandwidth increase using Bandwidth calculator
- Final report preparation
- Final presentation, summary and network best practice workshop
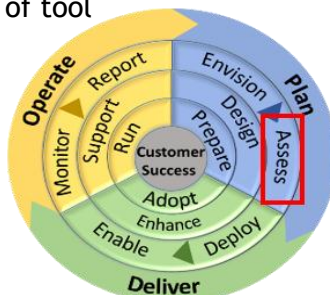
Benefits realisation:
- Identify and prioritise segment to focus for network issues
- Information/report on – Site to Cloud assessment results. Site to Site assessment result, load simulation reports, longest hop report with hop by hop analysis.
- Per site compliance, if suitable for migration (if not what action to be taken.)