

Case Study

Advance network assessment for a global broadcasting media & cable TV customer

Challenges:

End users at the customer's end were frustrated with poor experience while using collaboration platforms. The customer made a decision to migrate to Microsoft 365 - Skype for Business online and engaged Tata Communications Transformation Services (TCTS), Skype Operations Framework certified partner to perform network assessment offering uncompromised network quality to its users at 18 globally distributed sites and migrate from an existing on -premise to a cloud unified communications deployment model.

TCTS Approach:

The project was delivered in three stages

Pre-Assessment

- Kick-off, questionnaire, network envisioning
- QoS, bandwidth data, pre - requisites, assessment schedules (site to cloud and site to site) and call (load) simulation schedule
- Finalizing the assessment architecture (placements of probes and management servers)

Assessment

- Install and configure the assessment software
- Start assessment as per schedule, probes monitoring for 4 weeks
- Call (load) simulation from every site at agreed intervals
- Data integrity checks from probes and management of tool

Post -Assessment

- Gathering historical data and compiling reports
- Performing analysis for bandwidth and QoS
- 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.)