

Tellabs® 8000 Series Network Audit Service

The Tellabs® 8000 Series Network Audit Service comprises an inspection of all Tellabs components within the audited network. The inspection is conducted via remote connection, site visits and offline database analysis. The network audit is both a preventative maintenance measure and a data gathering operation providing the basis for future network growth or optimization. The audit will identify areas of concern that may impact on the overall performance and availability of the network, any areas of traffic congestion and points of sub-optimal use of Tellabs products.

The output of the audit is a detailed review and statement of the network configuration; plus a set of recommendations on subsequent actions that should be taken.

Benefits

The Network Audit Service provides an objective assessment of the overall status of the audited network, giving detailed analyses of the current state and configuration of the network — information which would otherwise be difficult and time-intensive to produce.

Opportunities to save on Operational Expenditure (OPEX) are identified. Anomalies and deviations from Tellabs-recommended practices are identified and recommendations made in order to maximize the operational efficiency of the Tellabs system installations and network as a whole.

Potential Capital Expenditure (CAPEX) savings are analysed, as the Network Audit Service identifies potential areas for equipment redeployment where there is excess capacity. Additionally, the Network Audit Service identifies areas to expand the network in order to address capacity limitations and speed delivery of network services.

Improvements to network QoS as a result of this service can enhance customer satisfaction and retention.

Areas of optimization highlighted in the Audit may be addressed via the Tellabs® 8000 Series Network Optimization/Growth Planning Service or Tellabs® Engineering Consultancy Services.

Features

The Tellabs Network Audit Service is a snap shot health check of the operator's network and the Tellabs product installations within it. It includes a variety of network and node level checks, such as the following:

- Network Architecture Analysis
- Network Traffic and Capacity Analysis
- DCN Analysis
- Hardware, Firmware and Software Inventory
- Key Network Configuration Data Analysis
- Network Node Performance Analysis
- Fault and Problem Analysis
- Operational Support Analysis



Network applications that may be addressed by this service include business services delivery, mobile telephony transport and PSTN telephony transport.

Each of the above features is tailored toward the Tellabs product set that exists within the network, in order to define a service that is ideally suited to the target network. This service supports the Tellabs® 8000 Series product family (note that this may include Tellabs® 6300 Managed Transport System elements).

On completion of the Network Audit Service, a detailed report shall be presented to the customer. The report comprises a network overview (including sites and areas served), a report of all findings from the feature areas, lists of anomalies/deficiencies found and a list of recommended actions and follow-up plans. The Network Audit Service will provide high-level concept recommendations on network configurations and planning. Detailed recommendations on “minor issues” (e.g., configuration anomalies, incorrect software versions) is also included.

A complete and detailed set of recommendations on how to optimize or grow the network may be addressed via the Tellabs® 8000 Series Network Optimization/Growth Planning or Engineering Consultancy Services. Where appropriate, the Network Audit Service report will recommend one or more of these additional Tellabs Services.

The Tellabs Network Audit Service may be sold as a one-time deliverable or as a scheduled, repeatable service; depending on customer requirements. In general, it is recommended that this service takes place once every twelve months.

Ordering and Availability

The Tellabs Network Audit Service is available only for the Tellabs® 8000 Series.

For more information, refer to the Tellabs® 8000 Series Network Optimization / Growth Planning Service datasheet.

Global Services

Tellabs has over 30 years of experience planning, building and operating advanced network solutions to service providers around the world.

With a direct presence in Asia Pacific, Europe, Middle East and Africa, Latin America, Caribbean and North America, Tellabs Global Services works closely with our customers to reduce time-to-market and lower the costs and complexity of planning, building and operating advanced networks.

For more information on how Tellabs Global Services can help meet your unique business and technology challenges, contact your local Tellabs sales account manager or authorized partner.



Tellabs' integrated services portfolio is designed to deliver total project implementation for a comprehensive, end-to-end solution.

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