

# Tellabs® 8000 Series Network Merge Service

The Tellabs® 8000 Series Network Merge Service combines two distinct Tellabs® 8100 Managed Access System networks into one. Network elements, such as nodes, trunks and circuits, will then belong to the same Tellabs 8100 system network managed by a single Tellabs® 8000 Network Manager.

## Benefits

The Tellabs 8000 Series Network Merge Service helps operators to reduce costs by operating a single Tellabs® 8000 Network Manager instead of two. The service eliminates the manual task of connecting two circuits in the boundary between two Tellabs 8100 system networks. Plus, there's no need to maintain records for the interconnection data at the networks' boundaries; this can further save management costs and reduce the time taken to provision service.

Service quality analysis is improved, as operators can easily monitor end-to-end circuit performance between the two networks. End-to-end circuit fault monitoring between the two networks can significantly reduce the time spent resolving problems. End-to-end circuit tests between the two Tellabs 8100 system networks can significantly reduce the time spent resolving problems and activating circuits.

The Tellabs 8000 Series Network Merge Service enables operators to better leverage their staff resources by allowing operators problem-solving expertise to support both Tellabs 8100 system networks, thus reducing duplication of resources. On-duty operator resources can be optimized — this service eliminates the need to have two on-duty teams for periods outside office hours. The on-duty technician from one Tellabs 8100 system network can also monitor the other Tellabs 8100 system network.

Usage of network backbone and trunk capacity can be optimized as backbone and trunk capacity can be shared to provide transport and grooming for services belonging to both Tellabs 8100 system networks.

Usage of Tellabs 8100 system equipment can be optimized. This service enables the server units of one Tellabs 8100 system network, for example, the Frame-Relay Unit (FRU) and LAN Interconnect Unit (LIU), to offer services in the other Tellabs 8100 system network.

The service also provides an easy and economic way to keep the Tellabs 8000 manager updated in terms of hardware and software upgrades, service packs and new releases, with only one Tellabs 8000 manager to maintain.

Implementation costs of new Tellabs 8000 manager functionality, such as VPN functionality, are reduced as features that already exists in one Tellabs 8000 manager can be activated in the other without acquiring new third-party hardware and software licenses.



## Features

A Tellabs technical expert will begin by compiling a profile of the two networks. The profile will outline the data control networks (DCNs); planned interconnections between the two networks, current configuration of the network operation centers (NOCs), and planned configuration of the merged NOC. This information determines whether a merge operation is technically feasible. If feasible, a Network Merge Plan will be prepared for you that includes schedules, the tasks to be executed and specific recommendations concerning the merged NOC configuration and DCN configuration.

Merging the two Tellabs 8000 manager databases is a crucial part of the project. A detailed analysis of all tables in both Tellabs 8000 manager databases is completed to locate conflicting records. Next, scripts are developed to change the conflicting data and enable the merge. Specially trained Tellabs engineers, using copies of both Tellabs 8000 manager databases, complete the database analysis and script development. The scripts are then executed on the production databases, and all registers of all tables in one database are copied to the final merged database.

In addition to the logical merge of the two databases, the reorganization of the merged NOC is completed. This includes the activation or de-activation of Tellabs 8100 system servers, de-activation of the discarded database server, and reconfiguration of the Tellabs 8100 system workstations database access.

## Ordering and Availability

The Tellabs 8000 Series Network Merge Service is available now. Please order this service at least one month before implementation is required.

Please consult your local Tellabs sales representative or regional sales office for pricing and schedule availability.

## 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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