

Tellabs® 6000 Series Trail Migration Service

This service is designed for operators with both Tellabs® 6300 Managed Transport System and Tellabs® 8100 Managed Access System network elements who wish to streamline their network management activities and overhead. The goal of this service is to enable the operator's Tellabs 6300 system elements, parameters, connections and trails to be managed by the Tellabs® 8000 Network Manager.

The Tellabs® 6000 Series Trail Migration Service provides a seamless migration upgrade.

The existing network will be carefully analysed in order to effectively plan the migration and identify potential problems. Tellabs also verifies that the current Tellabs 6300 system node configurations are supported by the Tellabs 8000 manager. The migration work is arranged to minimize impact on network operations (e.g., at night or over the weekend).

Benefits

The migration service is performed by Tellabs experts and no additional training of your in-house staff is required. Tellabs uses an automated process and specially developed tools to reduce the risk associated with the migration.

With most of the migration work done off-site, the risk for network traffic congestion is minimized. The process establishes backup check points to allow the migration to be halted at any time and/or reverted back to any check point if required.

In large networks with several hundred trails, this highly automated operation can save many engineer hours and minimize risks arising from human error. Manual migrations typically have far larger impact on service performance with end customers

Features

Once this service implementation is completed, the Tellabs 8000 manager will be fully functional and have the data pertaining to Tellabs 6300 system network elements and all trails. If, during the migration, anomalies are found, these will be documented and suggested actions discussed. Suggestions may include planning for a new release, creating alternative workarounds or recommending network changes.

This service includes the following elements:

Pre-check of your systems

- Tellabs 6300 system network elements
- Tellabs 8000 manager versions and connector versions
- Tellabs 8000 manager feature and upward interfaces
- Tellabs 8000 manager versions and database server types



Off-site migration work

- Migration of Tellabs 6300 system images to the Tellabs 8000 manager database and other work that can be done offsite, for example, hardware and links between Tellabs 6300 system elements
 - > Recording the Tellabs 6300 system elements and their internal connections (manually and with script)

On-site migration work (operations in live network)

- Initial backup with reversion point
- Tellabs 6300 system image to Tellabs 8000 manager, adding off-site migration work to current network
- Run macros to add all elements into current database
- Input of changed data (hardware and trunks) to Tellabs 8000 manager
- Read in data from current Tellabs 6300 system network and compare that with data from the off-site analysis

On-site migration work (operations in offline network)

- Second backup and reversion point
- Disconnecting management but maintaining monitoring. Next steps will be done on other off-line database that is not connected to the live network. Monitoring is left on, but operations to network are forbidden. If a critical case arises on the network, the operations are carefully recorded or the migration will be stopped and the management system is taken fully operational to solve the failure. After resolving the failure, migration work is started; changes made to the network determine the point at which work starts again

- Removal of external trunks from the Tellabs 8000 manager and reroute SDH circuits using external trunks
 - > Run macros that will reroute the SDH circuits using external trunks
- Replacing external trunks with STM-trunks
 - > Manually adding the STM-1 trunks between the Tellabs 6300 system elements and Tellabs 8100 system elements
- Provisioning existing SDH circuits into the Tellabs 8000 manager. Provisioning of the SDH circuit (trails) is done by specific tools that read trail data from the Tellabs® 6300 Network Management System and insert it into the Tellabs 8000 manager. This shortens the time for provisioning new services from weeks to hours
- Capturing data from the Tellabs 6300 NMS, mapping the trails with the Tellabs 8000 manager to create a circuit with macros into the Tellabs 8000 manager
- System check and start-up
- The network will be carefully checked and any abnormalities will be fixed

Limitations

This service covers all Tellabs 6000 series network elements managed by the current Tellabs 8000 network manager release, with the exception of the Tellabs® 6330 Core Node.

If using an older release of the Tellabs 8000 manager or Tellabs® 8100 Network Manager, an upgrade must be ordered separately.

Depending on the specific system configuration, a review must be performed prior to the migration in order to identify any potential obstacles.

Ordering and Availability

Please order this service at least one month before implementation is required.

For further information, please consult your local Tellabs sales representative or regional sales office.

North America

Tellabs
One Tellabs Center
1415 West Diehl Road
Naperville, IL 60563
U.S.A.
+1 630 798 8800
Fax: +1 630 798 2000

Asia Pacific

Tellabs
3 Anson Road
#14-01 Springleaf Tower
Singapore 079909
Republic of Singapore
+65 6215 6411
Fax: +65 6215 6422

Europe, Middle East & Africa

Tellabs
Abbey Place
24-28 Easton Street
High Wycombe, Bucks
United Kingdom
HP11 1NT
+44 870 238 4700
Fax: +44 870 238 4851

Latin America & Caribbean

Tellabs
1401 N.W. 136th Avenue
Suite 202
Sunrise, FL 33323
U.S.A.
+1 954 839 2800
Fax: +1 954 839 2828

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.

Statements herein may contain projections or other forward-looking statements regarding future events, products, features, technology and resulting commercial or technological benefits and advantages. These statements are for discussion purposes only, are subject to change and are not to be construed as instructions, product specifications, guarantees or warranties. Actual results may differ materially.

The following trademarks and service marks are owned by Tellabs Operations, Inc., or its affiliates in the United States and/or other countries: TELLABS®, TELLABS and T symbol®, and T symbol®.

Copyright © 2007 Tellabs. All rights reserved.
74.1770 Rev.A 01/07 Datasheet
Tellabs® 6000 Series Trail Migration Service