



Testnet QSP Merge	Datum	2010-05-05	Ref	KS003A02ENV5	Sidnr	1(5)
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Public	Titel	Release Notes Testnet Version 6.0				

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1 GENERAL

This document describes the new function quality modules added in Testnet system.

The release also includes application updates according to received trouble reports.

2 NEW FUNCTION MODULES AND INTERFACES IN TESTNET WEB 6.0

New functions implemented to this version according to Ericsson wih-tickets.

1. ST7306206 - WS Interface towards Testnet
2. ST7065851 and ST7307462 - New TFQ interface and Import API for Repair data
3. ST6872889 and ST5554860 - Move all QSP input to Reptile, More manual input options in Reptile
4. ST7362266 - Overhaul of QSP Administration and implementation in TestnetWeb
5. ST7363224 - Overhaul of QSP reporting functionality and implementation in TestnetWeb (Four most frequently used reports)
6. ST5610914 - The Testnet tools must support the 5.1 database
7. ST7199614 - Move TestStationAdmin to TestnetWeb

New functions modules delivered

1. Upgrade of current Testnet Web with QSP functions.
2. New version Reptile (.Net) including QSP input possibilities
3. Testnet Web Service Interface that enable access of Testnet data. (*Interface specification holds information of exposed functions*)
4. Testnet TFQ Web Service Interface that replaces the current DMQ/BMQ based QSP TFQ service. (*Interface specification holds information of exposed functions*)
5. Service with XML-file interface that enables import of Test&Quality data. The service communicates with the TFQ Web Service. (*TFQ Web Service Interface specification holds information of XML-file format*)

2.1 New Functions

2.1.1 Testnet Web Service Interface

A new interface that enables access of data from the Testnet database by exposed interface functions. The functions exposed are found in the interface description for this web service, see document number below.

2.1.2 TFQ Web Service Interface

A new interface that enables access of data from the Quality database by exposed interface functions. The functions exposed are found in the interface description for this web service, see document number below.

2.1.3 TFQXML Service file interface

A new file interface (.Net) service that enables import of test and quality data. The service reads files stored in dedicated folder on server and translate the information for further function calls to the TFQ Web Service Interface. XML-file format is found in the interface description for this service, see document number below.

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2.1.4 New quality data modules

2.1.4.1 Products

This is a module for handling of product structure preparation. All products that are reported on must be registered in the Quality database. The products are imported from Ericsson's product information management database (PRIM) or manually prepared. For more information about PRIM and Piwin, see the System Administrators manual.

2.1.4.2 Modelling

In order to work with Testnet Quality parts, the system must have a map (model) of the production process. This means that areas, production lines and test categories must be defined in the system and be combined to produce report locations. Information on faults is gathered from these various report locations. More information is found in the Testnet User Guide.

2.1.4.3 Basedata

Several codes have been defined in Quality database for managing faulty data. These codes are used, for example by operators, to describe faults and associated corrective actions during repairs. The codes are also used to classify, group and categorise faults.

2.1.4.4 Analysis

In the Quality Analysis tool you can analyse some of the information stored in Quality database.

By using the Quality Analysis function, you can access information directly in the tables in the database. The analysis function is used for querying information that cannot otherwise be obtained through various standard reports. You choose the tables and columns you want to look at when you specify the search criteria.

2.1.4.5 Reports

The four most frequently QSP reports are available in Testnet Web. These are,

- Fault Outcome Graph
- Fault Outcome Report (Products)
- Fault Outcome Report (Report Locations)
- Fault Report – Positions vs Fault Codes
- Yield Graph
- Yield Report (Products)
- Yield Report (Report Locations)

2.1.4.6 TestStationAdmin

Test Station Admin is an administration tool used for administrating the test stations (nodes) to enable automatic transfer of quality data to the quality database. More information is found in the Testnet User Guide.

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2.1.5 Reptile .Net 6.0

The new version of Reptile repair tool upgrade holds new function for manual repair/fault report inputs and replaces the QSP client input. The new input types found, that corresponds to QSP inputs, are Control Input and Fast Input. It is also possible to correct input of data in this version, in function correction. More information regarding this function is found in the Reptile User Guide.

The handling of locally stored product structure files are changed from storage of one file for total product structure to one file per product structure level.

In this version it is possible to configure Reptile to use the new protocol viewer. The View Protocol module enables you to search for and view test protocols stored in Testnet database.

2.1.6 Database

The QSP quality database is updated with new stored procedures supporting Testnet Web quality functions. Columns SYMPTOM_CODE and MEASUREMENT_GROUP are altered to Char(16), an adaption to Testnet database.

2.2 Corrected Trouble Reports

Following fault reports or changes are implemented,

- MeasData – Possibility to search for products "Ending with".
- MeasData – When selecting specific measurement points the filter option is automatically activated.
- Reptile:
 - Following settings are stored per PC station instead of user.
 - Default test station mapping is stored when creating test report
 - Default Action (Pre-troubleshoot, Troubleshoot or Repair).
 - Selected criteria for input (Area, Line, Test Category, Product number and R-state).
 - If usage of macro is activated or not.
 - Default Input (Tested product or Faulty Product).
 - Work Station ID
 - Default Alarm Category
 - Default Fault Category
 - Usage of Barapix
 - Usage of CompView
 - Default type of input (Reptile, Inspection Input or Fast Input)
 - Different messages for Alarm Code and Action Code 10 depending on the setting for Alarm Code in the Config file. (Mandatory or not mandatory).
 - Changing column width in the action list in when operation in fault finding mode causes CompView to cover the Reptile fault finding form.
 - When switching between analyze- and test tab, column width will be reset to default value.
 - FEBA and DirectRepair weren't activated when pressing enter in serial number field.
 - CompView was wrongly activated when adding faults.

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- Corrected error when getting positions from CompView for product structure with only one board.
- Corrected error when loading fault codes, wasn't using fault category properly.
- Protocol handling - Corrected errors in Add Time function.

3 DELIVERY SPECIFICATION

3.1 Documents

Customer documents delivered with Testnet 6.0 are:

Reptile User Guide	KS003M0078B01 User Guide.pdf
System Administrators Manual	KS003B02ENV9 TNET6 System Admin.pdf
Testnet User Guide	KS003B03ENV9 TNET6 User Guide.pdf
Target Environment Specification	KS003A01EN TNET Target Environment Specification.pdf
Release Notes	KS003A02ENV5 Release Notes.pdf
TFQ Web Service Interface Description	KS003B16ENV1 TFQ_WS Interface Description.pdf
Testnet Web Service Interface Description	KS003M0084b01EN TestnetAPI_WS Interface Description.pdf
TFQXMLService System Administrators Manual	KS003B19ENV1 TFQXMLService Systemadministrators manual.pdf