# TNIB RAIL™ (GSM-R Subscriber Management System)

TNIB RAIL™ is a CRM solution for GSM-R operators. TNIB RAIL™ provides profile based management of customer information, subscribers, talk groups and related objects in the GSM-R network. TNIB RAIL™ automatically activates the information in the network elements, and collects usage data (CDRs) for different purposes. The system makes the subscriber base of a large GSM-R network manageable.
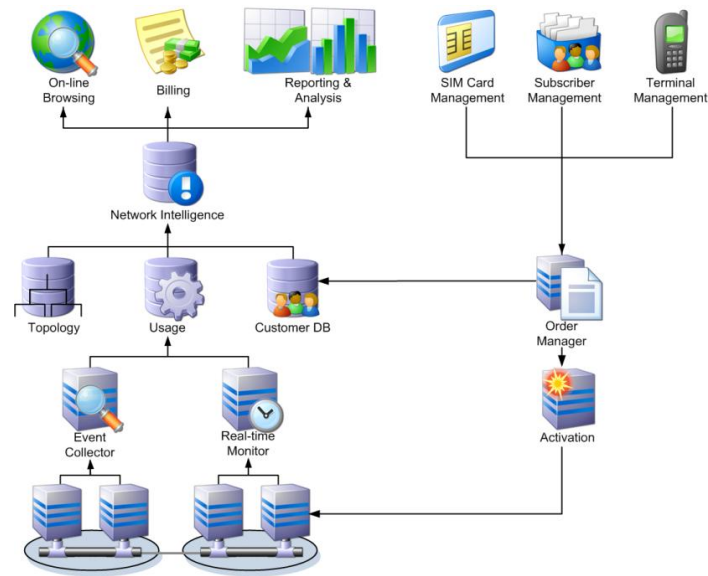
TNIB (TELECOM NETWORK INFORMATION BASE) is a management platform developed by Mentura Group Ltd. TNIB is used for management of a wide variety of professional mobile radio networks, especially TETRA and GSM-R networks. TNIB RAIL is the CRM solution targeted for GSM-R network operators. TNIB RAIL automated and enhances the process of managing subscriber and service information in the network.

TNIB RAIL provides following functionality:

- Customer and Subscription Management with automatic network activation
- Terminal Management
- Automatic management of CDR data from all GSM-R network elements
- Base Station information management
- Management of Group Call Areas and Group References on graphical maps
- SIM Card Management
- Subscriber and call data automatic Reporting
- Subscriber and organisation Billing
- Support for SIM management via OTA platforms

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Supported platforms:
Windows 2008/2012 Server
Linux
Network connectivity:
MSC, IN, Dispatcher systems,
SMSC, OTA, Voice Mail

About Mentura Group
Mentura Group Ltd provides technology solutions that help PMR user organisations to improve the efficiency and security of their operations.

Mentura Group's customers include network operators, PMR user organisations and system integrators. We support TETRA, GSM-R, LTE and P25 systems.
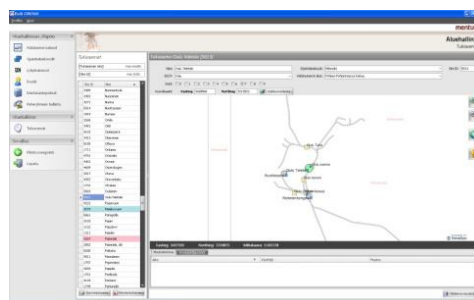
MENTURA *TNIB RAIL* Features

CDR browsing	
	Time period based criteria
	Caller or called party based criteria
	Call type based criteria
	Release cause based criteria
	Location based criteria
	call duration based criteria
User rights management	
	User right management for client
Subscription type	
	Rights defined by subscription types
	Services defined by subscription types
	Barring classes defined by subscription types
	Call forward defined by subscription types
Terminal management	
	Terminals defined by terminal types
	Terminal inventory by customer
	Terminal inventory by user
	Black / grey / white listing of terminals
Talk Group management	
	Subscriptions mapped to talk groups
SIM card management	
	Listing of terminal types by SIM
	Listing of subscription types by SIM
	Listing of user by SIM
	Listing of PUK by SIM
Customer management	
	Customer provisioning
	Customer information definitions
	Customer Subscriptions listing
	Customer Terminals listing
Subscription management	
	Customer management for subscription
	User management for subsctions
	Functional numbers
OTA management	
	Support for SIM card management over air interface
Reporting	
	Subscriber and call data reporting
	Other reports
Billing	
	Billing rules for internal billing by organisation
	Billing rules by customer organisation
	Invoicing per customer or suborganisation

The TETRA Network Information Base is part of Mentura Group's PMR Management Suite and comes with full service - including consultancy, training and support.

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