



TetraFlex® Voice and Data Management

Developed exclusively for the TetraFlex® Network the TetraFlex® Voice and Data Management instantly provides comprehensive and accurate voice- and data recording facilities, as well as a wide range of logging facilities for Call Data records (CDR).

 **DAMM**
– Stay in touch

The TetraFlex® Voice and Data Management consists of two parts: the TetraFlex® Log Server for recording and storage of voice, data and CDR, and the TetraFlex® Log Client for retrieval and re-play of voice and data.

Reconstruction of emergency incidents

For the reconstruction of emergency and mission critical situations the user-friendly functionalities and comprehensive set of Call Data Records (CDR) deliver rapid and accurate incident reconstructions. The comprehensive search criteria allow you to choose between replaying voice or the content of SDS records between specific subscribers or groups and within defined time intervals or selected priorities. Also, information about registered subscribers and position of mobiles at the time of the incident is available.

The flexible solution

The Log Server and Log Client can be connected anywhere in the TetraFlex® Infrastructure network through the IP backbone. The TetraFlex® System

supports attachment of more Log Servers to one system, and each Log Server can be set up individually to log independent groups of data or be used as redundant Log Server. Depending on the network load and recording requirements the Log Server may be installed directly on the TetraFlex® Base Station Controller or on database servers. Each Log Server can be configured to serve individual needs and can be accessed by multiple Log Clients.

Radio Network optimization

As an additional standard feature, the TetraFlex® Log Client gives access to automatic logging of performance and status data of the network, which provides an efficient tool for optimization of your network. The performance and statistic data can further be accessed through the TetraFlex® Network Management. Developed exclusively for the TetraFlex® Infrastructure system the TetraFlex® Voice and Data Management instantly provides comprehensive and accurate voice and data recording facilities, as well as a wide range of logging facilities for Call Data Records (CDR).

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Key Features

The screenshot displays the TetraFlex software interface. At the top, it shows the application title and version information. The main area is divided into sections: 'Call Information' with key call details, 'Detailed Information' with a table of call events, and a 'Control Panel' with playback controls.

Call Information

Call Id:	67	From SSI:	16777184	To SSI:	1000009	TP. SSI:	16777184	Circuit Mode Type:	TCH/S
Call Begin:	2010-02-03 14:29:48	From MCC:	238	To MCC:	238	TP. MCC:	238	Speech service:	Tetra
Call End:	2010-02-03 14:29:56	From MNC:	16029	To MNC:	16029	TP. MNC:	16029	Comm. Type:	P2MP
Call Duration:	00:00:08	From User No:	724242	To User No:		TP. User No.:	724242	E2E Encryption:	Clear mode
Seq Numbers:	0 - 3	From Descr.:		To Descr.:		TP. Descr.:		AI Encr Requested:	No
CMoIP:	225.0.1.3	Call Priority:	1					AI Encr Enabled:	No
CLIR:	Presentation not restricted		TPIR:	Presentation not restricted					
Disconnect Cause:	SwMI requested disconnection								

Detailed Information

Type	Start time	End time	Duration	Seq No	Node	Initiating Party	Initiating Party Descr
Call Initiated	2010-02-03 14:29:48		00:00:00.000	0	N001	238:16029:16777184(724242)	
PTT	2010-02-03 14:29:48	2010-02-03 14:29:51	00:00:03.284	1 - 2	N001	238:16029:16777184(724242)	
Call End		2010-02-03 14:29:56	00:00:05.008	3			

Control Panel

Buttons: Previous CDR, Next CDR, Stop, Play/Pause, Previous PTT, Next PTT

Status: No Recording Loaded. 00:00:00.000

Incident logging

- Call Data Records for
 - Group and individual calls
 - SDS Status
 - SDS TL
 - SDS Data
- Voice recording of group and individual calls
- SDS logging
- Position of subscribers (terminals)
- Historical registration data for subscribers
- Logging priorities for selected individuals and groups
- User defined set up of recording

Network performance statistics

- Radio Cell alarm, timeslot distribution and availability
- Voice GW alarm, channels and availability
- Packet Data GW alarms
- Application GW alarms and availability

Replay Options

- User defined comprehensive search criteria by specific time intervals, selected subscriber(s) and/or groups or subscriber priorities
- Tetra voice is stored and replayed as separate wave files
- Access to replay application from TetraFlex® Network Management
- Statistical views with flexible time intervals

