



TetraFlex® Voice and Data Log System

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



The TetraFlex® Voice and Data Log System consists of three parts: the TetraFlex® Log Server for recording and storage of voice, data and CDR, the TetraFlex® Log Client for retrieval and re-play of voice and data, and the Log API for passing real-time call data to third party logging systems.

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 connectivity. 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 servers or on work stations. Each Log Server can be configured to serve individual needs and can be accessed by multiple Log Clients, or third-party logging systems through the Log API.

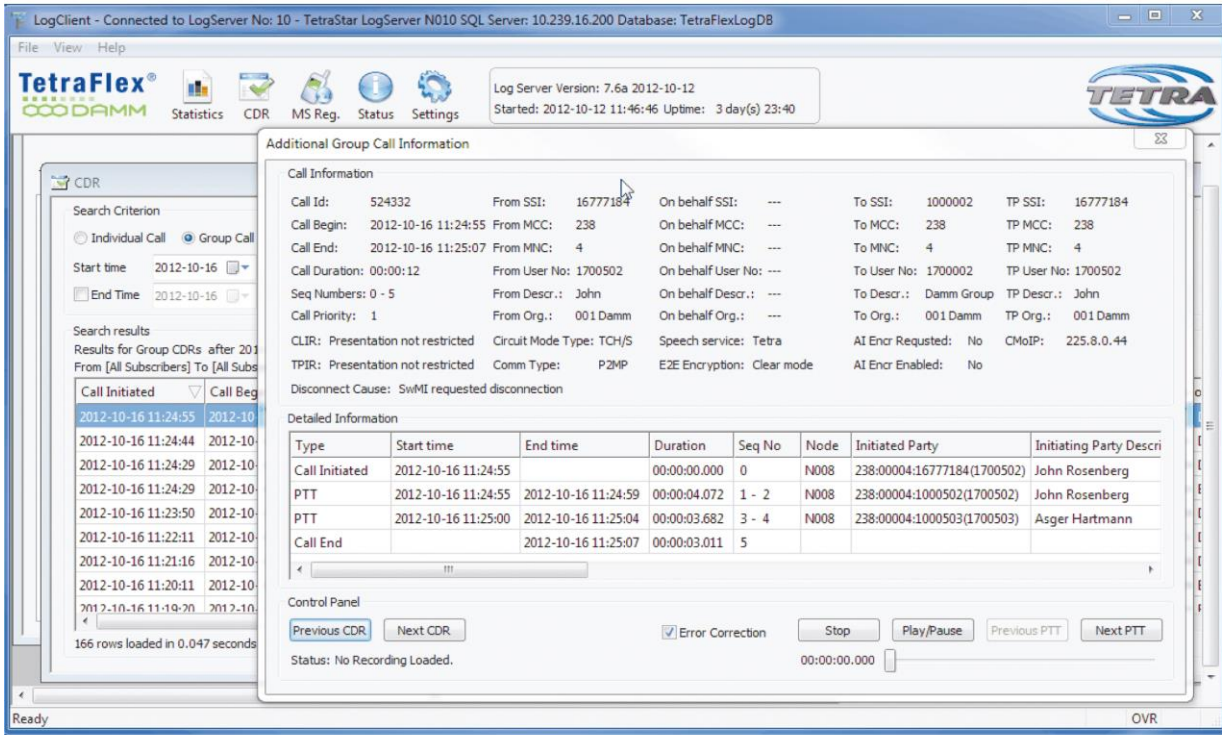
Radio Network optimization

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 Log System 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



User Interface default in english. Support for other languages.

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

Log API

- Voice, CDR and SDS to third party Log System
- Real-time UDP protocol dataflow
- Voice stream in G.711 or TETRA coding



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