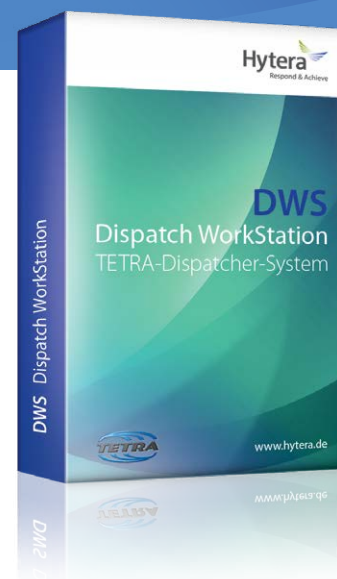




DWS

TETRA Dispatcher System

DWS (Dispatch WorkStation) is dispatch software developed especially for the Hytera ACCESSNET®-T IP TETRA system. With the multi-function integration of voice, status and location services, the software offers you a professional control system over any size of network.



Dispatcher

DWS

TETRA-Dispatcher system



DWS

With its modern IP structure and efficient multi-touch technology the DWS offers you a dispatching platform of the next generation. Its enormous variety of functions offers not only conventional functions such as group calls, individual calls or text messages. It also contains enhancements such as dynamic group number assignment (DGNA), group patch or multi-voice call monitoring.

You can control the entire system from your work-station. The DWS work-station gives you an overview of every radio subscriber and communication on the system. It means that you can assign priorities in order to intervene immediately in current communications. Registration and call status displays enable you accurately to assign the radios on the network and also to disable a device quickly if it is lost or stolen.

The DWS system is client-capable and can be adapted to any dispatcher's work-station. You define which work-station should have access to specific user organization. And you can also assign safety-critical functions such as "local voice recording" or "location tracking" flexibly to any of your dispatchers. Thus each user has his own individual work environment within an access-controlled area.

Highlights

- All the functions are on one user interface
- The interface can be adapted to specific customer requirements
- The software is scalable to suit anything from small radio systems to major radio networks covering entire regions
- Top voice quality with integral TETRA Vocoder
- Fast operation with touch optimization and the latest WPF framework
- Redundancy of servers, databases, and system connection creates high level of system stability
- IP structure ensures flexibility when preparing



Features

Voice call

- Multiplex support for voice calls, including semiduplex-, full duplex and group calls, emergency calls, and mass calls, PSTN and PABX calls.
- Divert and hold calls.
- Add more subscribers to group calls, or force an end to group calls.
- A call list with detailed information on all calls, as well as start time, duration, and subscribers' voice activity.
- Different sound and visual options to signal calls, enabling fast reaction times, particularly in emergency situations.
- The Ambience Listening feature enables background monitoring. Dispatchers are able to monitor the ambience of the radios, without the subscriber in question needing to activate the PTT button.
- Subscribers can send a callback request to the dispatcher. A callback list offers the dispatcher an orderly method of processing.

Text messages

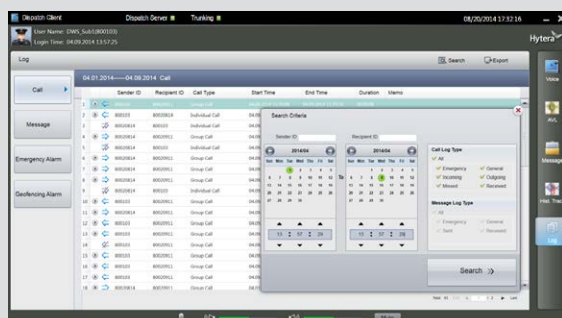
- Support by text messages, standard messages and status messages
- Messages can be sent quickly to several subscribers at once, by selecting from a list.
- "Flash messages" are immediately displayed on selected radios. So users cannot miss them.

Radio-monitoring

- Monitoring of the current status of radios, including the registration status on the radio system as well as at the current base station, GPS position data and speed of movement
- Temporary locking and unlocking of radios(Enable/Disable)
- Permanent disabling (killing) of radios.



Overview of calls with incoming calls



Comprehensive log with search detail

Contacts

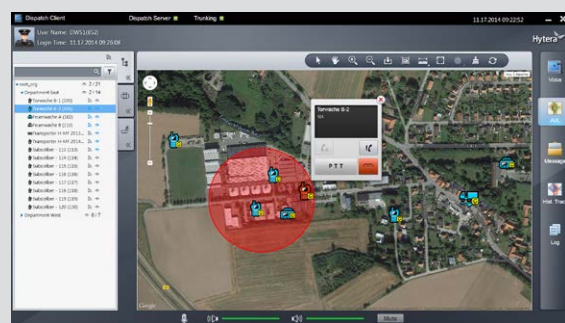
- Support for various methods of searching contacts, for example by category, by marking color and by user-defined search (by entering SSI or name).
- "Group patch": Form a temporary, higher-level call group by merging several groups.
- DGNA groups: Merge several subscribers into a temporary group
- Monitor management – configure which calls should be switched automatically. It means you can be sure that you are always connected to relevant group calls or individual calls.

Automatic positioning (AVL)

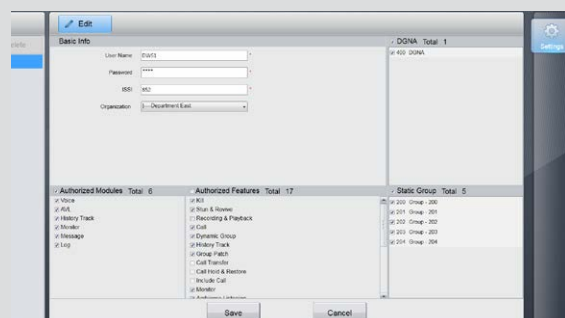
- Uses various card systems to display subscribers.
- Select the radio directly from the card to start a call or message directly.
- Offline cards for full AVL functionality on independent secure system
- Configure "Geofences" - areas with configurable access rules for particular radios.
- Create DGNA groups directly on the card. Select subscribers for dynamic call groups within a region.
- Route tracking: View the movement progression of individual radios.

Various external devices

- Besides the standard mouse and keyboard, the system supports other external tools such as several multi-touch screens, desk microphones with integral PTT buttons, and foot switch with PTT.



Create DGNA groups directly on the card.



Authorization and organization allocation for individual dispatchers

Client capable

- The DWS can be adapted in detail to suit individual customers and to fit the requirements of any radio system.
- Each work-station can be equipped with individual functions.
- Dispatchers can assign radios, groups and dynamic group number assignment (DGNA) according to the administration rights they hold on their own DWS work-station.

System stability

The DWS offers a high level of system stability on several levels, providing reliability in your work with the system.

- Each DWS work-station can connect to two servers with server redundancy. If “server 1” fails, “server 2” takes over operation. DWS users can continue to work undisturbed.
- Group configuration and function allocation for each work-station is stored on the server. So dispatchers can carry out their task from any computer work-station without having to re-configure.
- The server and work-station can connect via two separate ACCESSNET®-T IP Gateways.
- The server is able to back up its database onto external data carriers at configurable intervals.

Specifications

Recommended installation environment	
CPU	Dual Core
Hard disk	160 GB
Memory	4 GB
LAN	10/100 Mbit
Display	Full HD, 1920 × 1080 Pixel optimized
Operating system	Client: Microsoft® Windows 7 Server: Microsoft® Windows 7 / Microsoft® Windows Server 2012 R1 Standard

Further information	
Number of work-stations supported	200
License	Central license management on the DWS server This makes it easy to add additional licenses centrally.
Demo	Test version available on request.

All functions and technical data have been tested in accordance with the relevant standards. Subject to change on the basis of continuous development.

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