

# TETRA Dispatcher

PMR control center

Managing operational fleets – easy and effective

Siemens Convergence Creators

Public safety, energy, transportation and security organizations – all these entities face the challenge of managing their operational fleets with the highest level of security, reliability and effectiveness. However, this task is only possible with a state-of-the-art control center to enable these highly complex operations.

The control center must provide a host of features to make the dispatching process most efficient, present all necessary information and functionalities to operators in an intuitive manner and be easy to operate. Communication between the control center and field staff has to function without errors – and always guarantee the required level of security.

TETRA Dispatcher (TD) effectively organizes, alarms, controls and monitors your profes-

sional mobile radio users, groups and entire fleets. It centralizes the handling of calls, short messages and data for users deployed in-terrain with TETRA terminals.

TD is a dedicated control room application with advanced features, such as a modular GUI and enhanced user management, a Geographical Information System (GIS) and an Automatic Vehicle / Person Location Service (AVLS / APLS). Thus it is highly flexible and freely configurable in order to allow your dispatch operators to perform as effectively as possible.

TD offers end-to-end encryption of traffic, guaranteeing full compliance with the highest security standards. It grows naturally with your communication needs and network complexity – from a radio connected dispatcher workstation through a single site dispatching system up to a multi-client server architecture solution.

**TETRA Dispatcher – secure, easy-to-use and mission critical**

- “The numerous security features of TETRA Dispatcher, including the built-in AVLS (Automatic Vehicle Location System), are essential to provide reliable communications with our off-shore field staff.”
- “TETRA Dispatcher offers fast, easy-to-use and reliable voice / data communications, particularly in mission critical environments.”
- “The intuitive Touch Screen Menus enable our personnel to efficiently manage their tasks without technical background information how TETRA itself works.”

Customer feedback

## Voice and data dispatching – full range of functionalities

With TD, you take control of your entire fleet. It is the management and operational hub of your TETRA network that features a variety of monitoring, alarm and control functions, such as discreet listening, interception or instant recording. Because it is equipped with the most common interfaces, you can easily integrate it into your command and control center.

TD handles all of your voice communications, such as individual, group and broadcast calls in either duplex or semi-duplex mode as well as emergency calls. It comes with a multitude of data applications, such as status messaging or short data services, and additional features, such as a Geographical Information System (GIS) and an Automatic Vehicle / Person Location Service (AVLS / APLS). In short, TD gives you all the tools to manage your fleet more efficiently and effectively than ever before.

## Intuitive GUI – efficient and effective operator workflows

The most prominent feature of TD is its intuitive and easy-to-use GUI that provides your operators all essential information at a glance in a clearly structured and uncluttered manner. It gives them a graphical indication of ongoing events and each user's status, and integrates GIS or AVLS / APLS information.

At the touch of their fingertips, operators can access enhanced subscriber management functions, such as subscriber tagging for pre-defined scenarios and favorite definitions. Multi-monitor and touch-screen as well as enhanced drag and drop control capabilities enable them to dispatch complex subscriber groups, significantly increasing their productivity and effectiveness.

TD is highly flexible and freely configurable – about 50 features can be switched on or hidden as needed, such as Dynamic Group Number Assignment. Your operators can easily adapt it to fit their workflows – they do not need to acquire deep technological knowledge to perform their job successfully.

## Integration of radio and IP – minimal investments and operational costs

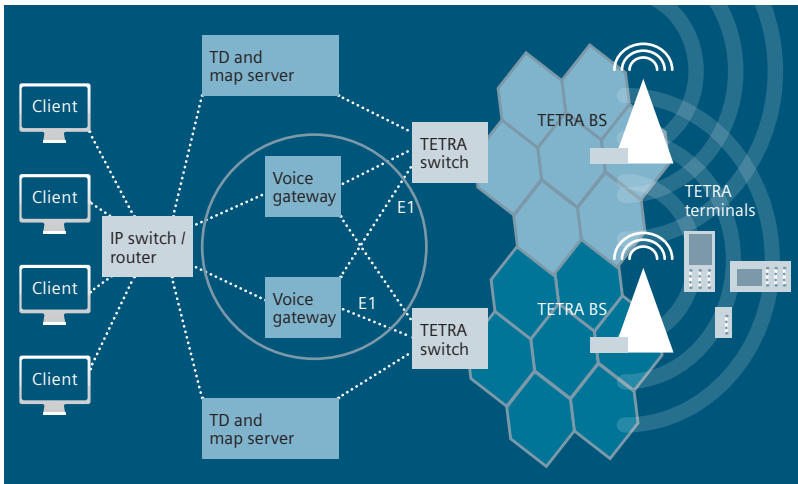
TD runs either as a radio dispatcher or as a single line dispatcher, stand-alone or in a client-server architecture. In radio dispatcher mode, TD connects to the TETRA terminal using standardized interfaces, while in line dispatcher mode it also adapts to vendor-specific interfaces. Therefore, TD is highly scalable and flexible – keeping your initial investment safe going into the future.

## Third party applications – easy integration into the TETRA network

TD allows the smooth integration of third party applications into your TETRA network. It provides a simple interface and protocol to access all basic TETRA services and features, such as call handling and control, data handling as well as control and access to gateway databases. Hence, new applications can be plugged-in without deep knowledge of their interfaces, and they can be fully integrated into the TD workflow.

**TETRA Dispatcher enables you to securely and reliably manage and control voice and data communications with TETRA users, groups and entire fleets. It gives your operators comprehensive features for effective dispatching, and if they are not enough, it can easily be extended to include third-party applications.**

TETRA Dispatcher (TD) in full redundant configuration



## Siemens Convergence Creators

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### Siemens Convergence Creators GmbH

Autokaderstraße 29  
1210 Wien, Austria  
Marketing & Communications  
info-cvc.at@siemens.com