WORLD CLASS PARTNERSHIPS HANDPICKED BY A WORLD LEADER IN CRITICAL COMMUNICATIONS

For more information on our Dimetra application partner programme, please visit us on the web at www.motorolasolutions.com/TETRA/applications







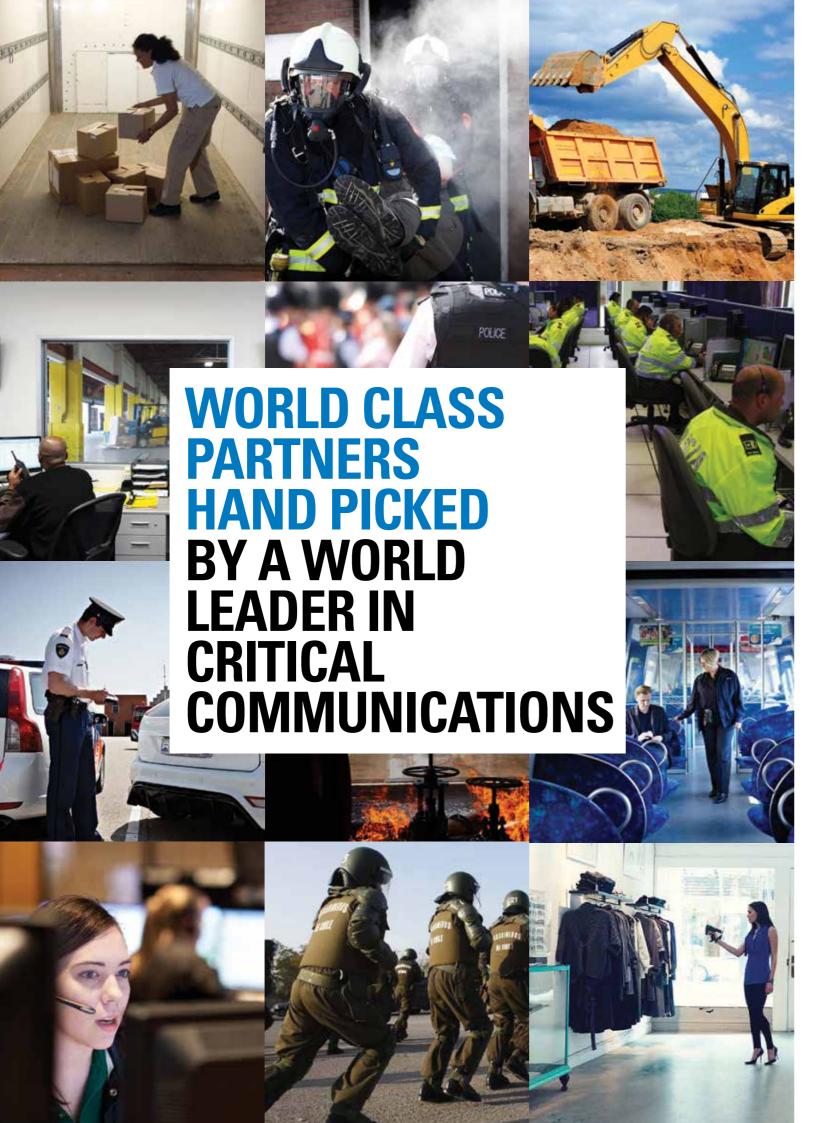


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TAKE YOUR NETWORK TO THE NEXT LEVEL

A SMOOTH-RUNNING TETRA NETWORK IS JUST THE START OF A SUCCESSFUL OPERATION. SELECT A MOTOROLA PARTNER AND YOU'LL GET WORLD CLASS EXPERTISE AND SUPPORT TO TAKE YOUR COMMUNICATIONS TO THE NEXT LEVEL. Benefit from solutions designed to fit your specific needs and strategies so you can be more productive, more efficient and more effective.

Communication networks are becoming increasingly important for all of us as we strive to manage and optimise our resources. It's no exaggeration to say the network is the hub for all communications, whether with clients, colleagues or the general public. Sometimes it's good to stop and consider how well you are communicating and how you can improve even further to maximise every opportunity.

That's where our partner programme comes in - a selection of world class technology specialists ready to maximise the power of your TETRA system and meet your challenging objectives. Wherever you want to go, these partners have the credentials and experience to help you get there. Hand-picked by Motorola, all have the skills and technological scope to deliver integrated solutions tailored to your needs.

TRUE SPECIALISTS

Choose from a wide range of companies specialising in applications such as fixed control room and location tracking, network management, wireless command and control or alarm and telemetry. All our partners will help you develop your network, providing advice and then implementing solutions featuring the very latest network innovations. It's an efficient way to put your communications right on the leading edge and boost performance.

WORLD'S BEST PARTNERS

Be assured you'll be working with companies that are pioneers in their field. World class organisations that share with Motorola a commitment to provide the most effective communications possible. All are highly qualified to industry-leading standards and meet our stringent requirements for technical ability, staff expertise and operational support. Most have a global presence and can work with you in multiple languages.

THE LOGICAL NEXT STEP

Keeping pace with technology is one of the most important attributes of a successful operation. Choose one of our approved Motorola partners and see how you can take your TETRA network to the next level*.

^{*} Unless specified, Motorola is not responsible for any product or information from an application partner. For more information on any of the partner companies featured in this guide, please contact the application partner directly.

Alarm and Telemetry Management



FOUR.C MOBILE CELAB COMMUNICATIONS AB

OVERVIEW

Four.C Mobile (Celab Command and Control Center) enhances resource management by combining mobile job and alarm management, status reporting, and navigation in a user-friendly touch screen solution.



Police, Ambulance, Fire Brigade, Transport and Delivery, Banks, Supermarkets or any organisation

requiring an alarm or serial data capture system within TETRA coverage.

KEY BENEFITS

Being able to manage your resources in mission critical situations is vital. Four.C Mobile provides a simple platform for mobile job management and status reporting.

Fully Customisables

Customisable programming with up to 16 unique statuses. The most frequent statuses are always visible on the screen for ease of use.

Simple Interface

Distinct colours and structured grids make the interface clearly visible. Control and adjustments of both the navigator and connected TETRA radio can be made.

Quick Navigation

Clear alert tones are given for incoming tickets and alarms, with the job ticket management display activated. Navigation modes and talkgroups can be activated depending on the job ticket information.

KEY FEATURES

- Touch screen 7 inch platform
- Memory Card reader and Cradle with suction mount
- Allows forwarding of incoming tickets or alarms
- Up to 16 destinations can be set and geographically locked (Geofencing)
- Configurable buttons for name, destination and working range
- Custom Icons can easily be created and installed by the user organisation
- Updates can be completed without a cable, connection, or computer through memory card or over-the-air via TETRA
- All activity can be logged onto a USB
- Supports reversing cameras which can be displayed on a second screen
- Proven technology within Fire Departments

SYSTEM REQUIREMENTS

Supported on Dimetra IP Compact and Dimetra IP Micro on all supported system releases.

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Supported Languages

Geographical Scope EMEA (Europe, Middle East and Africa)

Target Markets

MOTOROLA

Alarm and Telemetry Management

TRIM™ - CONTROL, MONITOR AND DATA **CAPTURE SYSTEM** SYSTEL

OVERVIEW

Systel TRIM is the first stand-alone module capable of interfacing Motorola TETRA radios with external environments, digital I/Os and serial data communications. An effective control monitoring and data capture solution that's fast and reliable.



Police, Ambulance, Fire Brigade, Transport and Delivery, Banks, Supermarkets or any organisation requiring an alarm or serial data capture system within TETRA coverage.

Target Markets

Geographical Scope EMEA (Europe, Middle East and Africa)

Supported Languages

KEY BENEFITS

Getting the right information quickly is essential when responding to a public safety or commercial crisis. Based on efficient TETRA technology. TRIM (TETRA Radio Interface Module) communicates with radios in the field to generate alarms or capture serial data.

Reliable Communications

The TRIM interface communicates with portable and mobile TETRA radios and instructs them to send SDSs corresponding to I/O configurations.

Designed for Versatility

TRIM is available in two versions for General I/O or Serial Communication. With an unlimited number of I/Os and OTA (Over the Air) configuration capabilities, the box can be used as a part of an alarm and control system or as a data capturing device, which can be connected to a bar code scanner or other serial scanners.

Lightweight and Durable

The box is lightweight but heat and shock resistant for heavy duty use.

TRIM Alarm App

This simple application allows users to view incoming alarms from the TRIM module.

FEATURES

- Compact, weather-resistant box (9cm X 6cm X 3cm)
- Supports up to 256 alarm and control (input/output) dry contacts
- All I/Os can be configured as N.O. (Normally Opened) or N.C. (Normally Closed) switches
- Alarm messages can be sent several times and to several destinations
- All configurations can be done over the air (OTA) via remote programming
- Three LEDs provide visual information on the status of the TRIM
- All alarms are stored in a database for historical purposes
- Location of alarms shown on a building plan or Google Earth
- Alarms must be acknowledged by user sending a confirmation to the TRIM box – shows time difference between received alarm and acknowledgment

SYSTEM REQUIREMENTS

Requires TETRA network coverage, portable or mobile radio and TRIM box.

Radio Requirements of Systel TRIM systems – applicable for all Motorola TETRA radios. Compatible with Dimetra IP Scalable.

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Alarm and Telemetry Management

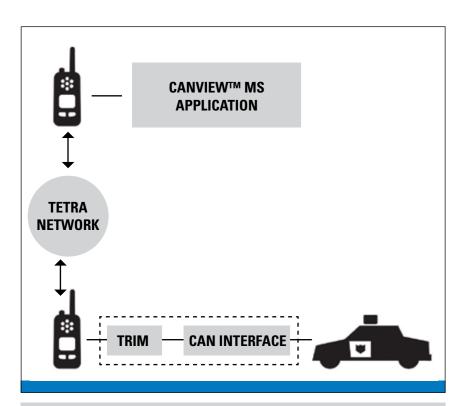




CANVIEW APPLICATION SOLUTION SYSTEL

OVERVIEW

Systel CANView Application is a solution for the remote diagnostic, tracking and monitoring of vehicles using a TETRA radio. An easy way to monitor and control vehicles remotely from anywhere.



Target Markets

Police, Fire, Auto Transportation Companies, Oil and Gas Companies and Money Transfer Companies.

Geographical Scope

Europe, MEA

Supported Languages

English and Arabic

KEY BENEFITS

Being able to manage your fleet of vehicles from anywhere can really enhance your efficiency. Systel CANView integrates all of the sensors from the CAN (Controller Area Network) car bus interface via a compact computerized module connected to a TETRA radio device.

Easy Retrieval of Data

The compact TRIM-S (TETRA Radio Interface Module) is integrated with the CAN car module to retrieve data, location and alarms generated from a car computer system.

Graphical Display

Data including vehicle speed, engine RPM, temperature and fuel level is graphically displayed in the application software. All of the sensors and vehicle location are graphically plotted in the application software, giving operators the ability to track and monitor the vehicle remotely.

Tracks Location

Monitor and track vehicle location through Google Earth maps from the application software.

In Vehicle Monitoring

Access and monitor data in the vehicle from the dash board and see technical status in real time.



Radio Requirements of Systel CANView Application – applicable for Motorola MTM800, MTM800E and MTM5400 TETRA radios.

- Retrieves data, location and alarms from the car computer
- Graphically displays data in the application software
- Allows tracking and monitoring of the vehicle through Google Earth maps
- Enables in vehicle and remote monitoring

SYSTEM REQUIREMENTS

MOTOROLA

Requires TETRA network coverage, portable and mobile radios and Controller Area Network (CAN) car bus interface. Compatible with Dimetra IP Scalable.

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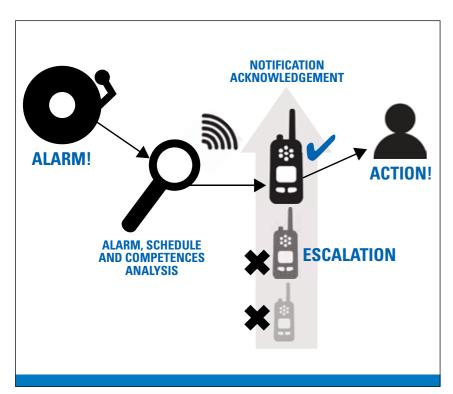


Alarm and Telemetry Management

ALARM CONTROL SYSTEM (ACS) ZONITH

OVERVIEW

ZONITH ACS is a Windows-based software application that intelligently and automatically dispatches emergency and business critical alarms to TETRA radios - an essential alarm control system for monitoring worker safety.



Target Markets

Public Safety, Oil & Gas, Power Utilities, Heavy Industry, Retail, Security

Geographical Scope

Europe, Asia, North America, Latin America and Australia

Supported Languages

Englisi

KEY BENEFITS

Keeping workers safe at all times is a fundamental challenge for every organisation but especially those operating in mission-critical environments. ZONITH ACS allows people to remotely acknowledge, decline and close alarms using TETRA radios.

Instant Awareness

ACS instantly notifies workers about critical safety or technical alarms, allowing them to take immediate action to reduce their risk and minimise operational down time.

Improved Efficiency

With ACS, your workforce can receive, read and manage alarms or tasks while on the move without needing to return to the control room or alarm panel.

Cost Effective

Workers no longer need to carry separate devices to receive alarm messages. By combining voice and messaging in one device, legacy systems can be removed for lower operational costs.

KEY FEATURES

- Instant notification about critical alarms
- Receive, read and manage alarms or tasks on the go
- Automatically selects responders based on their availability, location and skill set
- Fully automated to improve the way people work and manage their time
- Automatically escalates alarm messages until a positive response is returned –
 alarms are initially sent to primary responders and then to back-up responders until
 action is taken.
- Dispatches alarm messages to digital radios, mobile phones, paging devices or e-mail clients

SYSTEM REQUIREMENTS

The ZONITH ACS is entirely Windows-based and requires a Windows PC, TETRA radio, data cable and alarm systems interface.

Radio Requirements of the ZONITH Alarm Control System — applicable for all TETRA two-way radios.

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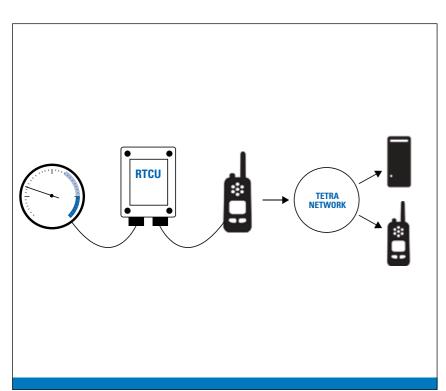




REMOTE TELEMETRY & CONTROL UNIT (RTCU) ZONITH



ZONITH RTCU is a small remote telemetry and control unit that communicates using a connected TETRA radio or the built-in GSM modem. An easy and effective solution that monitors threshold levels for a more efficient workplace.



Target Markets

Public Safety, Oil & Gas, Power Utilities, Heavy Industry, Security, Environment Monitoring, Pharmaceuticals and Energy Generation

Geographical Scope

Europe, Asia, North America, Latin America and Australia

Supported Languages



KEY BENEFITS

Saving time and maximising resources is essential for efficient operation. ZONITH RTCU saves timeconsuming trips to remote installations by connecting to alarm sources and sending GSM or TETRA text messages if threshold levels are reached. It can also remotely control lights, gates and other installations directly from a handset.

Easy Configuration

This small hardware unit can easily be installed and connected to any technical installation with input and output signals. The unit is delivered pre-configured with a simple step-by-step installation guide.

Remote Control and Monitoring

Remote installations can be monitored by personnel using a TETRA radio or mobile phone on the ground. They can also be managed from a control room.

Cost Effective

The RTCU provides a cost effective solution by using your existing telecom network.

Tough, Versatile and Secure

With an IP67 rating, RTCU has proven reliability in harsh environmental conditions. It supports remote monitoring and control of exposed installations such as pipelines, tunnels and wind farm installations.

Effortless Functionality

Instantly sends a message when an input is activated or a threshold value has been reached. Output signals and relays can be activated by sending an SDS or SMS text message back to the unit from a radio or control room software application.



- Integrates seamlessly with Motorola Call-Out, enabling the transmission of high priority SDS messages between the RTCU and radio users
- Easy installation via input and output signals
- Communicates using a connected TETRA radio or via built-in GSM modem
- Monitor and control from TETRA radios or mobile phones on the ground
- Monitor and control from a control room computer
- Output signals and relays can be activated by sending an SDS or SMS text message back to the unit from a radio or control room software application
- Remotely control lights, gates, sound systems and other technical installations directly from a handset
- Fully certified to IP67 for proven operation in harsh environments
- Self monitoring 'heart beat' feature highlights any maintenance needs or communication failures
- GSM communication fail-over if TFTRA communication is down.

SYSTEM REQUIREMENTS

The ZONITH RTCU works on TETRA networks and requires a Windows-based computer for software installation.

Radio Requirements of the ZONITH RTCU – applicable for all TETRA radios and networks. Transmission and reception of high priority messages requires Motorola Call-Out software license.

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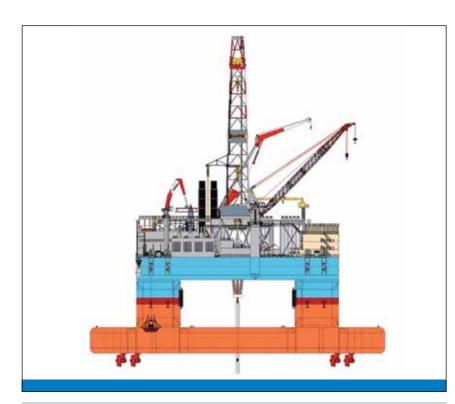


Alarm and Telemetry Management

OFFSHORE OIL & GAS ALARM MANAGEMENT AND STAFF SAFETY SOLUTION ZONITH

OVERVIEW

ZONITH Offshore Oil & Gas Alarm Management and Staff Safety Solution is a critical alarm monitoring system for offshore rigs. An effective way of quickly identifying and resolving faults to avoid downtime and potentially dangerous situations.



Target Markets

Offshore Oil & Gas and Petrochemical industry

Geographical Scope

Europe, Asia, Latin America, Australia, Canada and Greenland

Supported Languages

KEY BENEFITS

Critical alarm monitoring and fast fault resolution are essential in advanced offshore installations to avoid downtime, danger to employees or damage to machinery. The ZONITH Offshore Oil & Gas Alarm Management and Staff Safety Solution identifies and resolves faults quickly in harsh and potentially explosive environments where resources are limited.

Constant Monitoring

Keeps a constant 'around the clock' check on alarms to ensure the installation is as safe as it can possible be. Also performs a TETRA network alive check.

Fast Response and Communication

Immediately identifies faults and sends a TETRA alarm paging alert via SDS using fire alarm systems, rig control networks, drill control networks and general alarm systems.

Easy Interfacing

Interfaces to distributed alarm systems via OPC, ESPA4.4.4 or SNMP.

Safety First

Protects lone workers on the rig using SDS messaging on TETRA radios.

MOTOROLA TETRA PARTNER APPLICATIONS CATALOGUE

Alarm and Telemetry Management



KEY FEATURES

Radio Requirements of the ZONITH Offshore Oil & Gas Alarm Management and Staff Safety Solution – applicable for all TETRA radios with displays (ATEX and Non-ATEX).

- TETRA alarm paging via SDS from fire alarm systems, rig control networks (RCN), drill control networks (DCN) and the general alarm (GA) system
- Interfacing to distributed alarm systems via OPC, ESPA4.4.4 or SNMP
- Low power emergency shutdown via TETRA radios
- Lone-worker protection using SDS messaging on TETRA radios
- TETRA network alive check

SYSTEM REQUIREMENTS

Interfaces to Dimetra via a Direct Short Data Router interface and Mobile TETRA radio PEI interface. The solution is entirely Windows based and requires a Windows Server and interfacing hardware.

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2WBUILDER INTEGRATED DEVELOPMENT ENVIRONMENT SOFTWARE FX

OVERVIEW

Software FX 2WBuilder is an Integrated Development Environment providing all the tools required to fast-track TETRA applications. A comprehensive solution that helps organisations use WAP to easily design and deploy database driven applications for TETRA radio terminals.



Target Markets

Government and Enterprise, Utilities, Security, Fleet Dispatching, Work Order Management, Public Transportation, Taxi Companies, Emergency and Rescue, Security, Hospitality, Facility Management and Logistics.

Geographical Scope

Europe, Asia and Latin America

Supported Languages

Eligiisii

KEY BENEFITS

Getting maximum performance from your communications is critical for a faster operational response. Software FX 2WBuilder harnesses the power of Motorola mission-critical 2-way radio networks by delivering the most powerful, scalable and easy to use environment for developing enhanced TETRA data applications. Built on top of your TETRA infrastructure, these applications allow you to expand the array of services available on your Motorola networks.

Enhanced Communications

Extends the voice capabilities of your TETRA radio network with powerful data applications that satisfy a broad range of enterprise customer needs.

Faster Development

Provides even the most basic technical roles in your IT organisation with the tools needed to fast-track Dimetra application development. Businesses can design and deploy database applications for Motorola TETRA radios quicker and more cost effectively.

No Programming Skills Required

Consists of a fully graphical development environment that allows the visual creation of applications using a flowchart paradigm and a highly scalable server solution providing real time database access behind the corporate firewall. Designed for easy operation using diagrams, flowcharts and simple drag-and-drop.

MOTOROLA DIMETRA PARTNER APPLICATIONS CATALOGUE

Application Development Toolkits



KEY FEATURES

- Enterprise Data Connectivity leverages WAP support to allow your terminals in the field to connect and interact with any RDBMS (Relational Database Management System) data source behind your corporate firewall
- Easy Installation requires no hardware changes or software updates to your TETRA radio network and supports even the most complex behind-thefirewall IT and database infrastructures
- FlowChart Designer provides an IDE based on a flowchart UI that avoids the complexity of WAP development
- Fully Featured Development Environment incorporates all components necessary for the development, error checking, debugging and publishing of your applications
- Extensible Architecture integrates additional functions such as GPS, Presence and e-Mail to help you design and deploy richer data applications

SYSTEM REQUIREMENTS

For the Server:

 An Application Server with Windows 2003/2008, IIS 6 or above, .Net Framework 2 or above

For the IDE:

- Windows XP, Vista or Windows 7
- .Net Framework 2.0 or above

For the Terminals:

- Any WAP-enabled TETRA radios with digital display
- WAP-enabled TETRA network

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Software FX





Billing and Provisioning Solutions



GENWATCH3® TRIO™ BILLING & PROVISIONING SOLUTION GENESIS GROUP

OVERVIEW

The Genesis Group GenWatch3® Trio™ is a Windows® based Customer Care and Billing solution. It is designed to help manage and bill thousands of accounts associated with the SMARTZONE, ASTRO® and Dimetra trunking systems.

KEY BENEFITS

Precise provisioning and management of inventory, accounting, billing and client care are hallmarks of a strong business. Genesis Trio is designed to work specifically with Dimetra and ASTRO® systems, assembling individual usage details such as telephone, group call and private call to generate accurate billing according to the rules you set. In-depth reports provide detailed metrics for market and traffic analysis.

Complete Billing Solution

Takes total control of your billing by enabling you to go from contract to invoice for Dimetra and SMARTZONE wireless communication systems.

Easy to Use

Simple to set up and use - activate, deactivate and change user features in the System Controller from your GUI screen.

All Your Company information in One Place

Stores and utilises a wealth of data to more efficiently manage your customers and radio systems. Multiple companies can be accessed from one installation of Trio. Trio records Company Name, Address, Phone, Email, Shipping Info, Customer Care contacts and Billing Options by company. Define open/close accounting periods manually or automatically.

Target Markets

Public Safety, Police, Ambulance, Fire, Utility Companies

Geographical Scope

Europe, Asia, North America, Latin America, Australia & New Zealand

Supported Languages

English and Spanish (Reports can be presented in any language that is supported by MS Excel®)

KEY FEATURES

- Set up Churn codes to define why radio units are activated or deactivated and set up billing frequencies and cycles for use during invoicing
- Access to all customer care information from one screen
- Store multiple billing and shipping addresses per customer and set default address and options for each (invoice detail, language, frequency etc)
- View and manage discount and recurring charges assigned to a customer lists all transactions posted to an account and displays the total balance
- Basic Commissioning & Inventory module stores information about each individual inventory item
- Invoice customers on a monthly, quarterly, semi-annual or annual basis and create one-time invoices for non-recurring charges
- Fixed Fee Calculation Allows automatic pro-rating of normal monthly fees
- Interface to Client Master Accounting System supplier or VAR
- Utilises SAP Crystal Reports as the basis for billing to create professional invoices complete with logos and comments

SYSTEM REQUIREMENTS

Requires a LAN connection to the Zone Controller. It is supported on Dimetra IP, Dimetra IP Micro and Dimetra IP Compact.

No specific TETRA radio requirements.

"THROUGH OUR STATE-OF-THE-ART SOFTWARE, WE PROVIDE THE TOOLS TO MAXIMISE THE CAPABILITIES OF COMMUNICATION SYSTEMS. FLEXIBLE, MULTI-FEATURED AND MODULAR, GENESIS SOLUTIONS ARE THE INDUSTRY STANDARD IN PERFORMANCE MANAGEMENT SOFTWARE. THEY ARE THE MOST EFFECTIVE WAY TO COMPREHENSIVELY MONITOR, MANAGE, DISPLAY, ARCHIVE AND REPORT ON COMMUNICATION SYSTEM DATA".

GENESIS.

601 Shelley Drive, Suite 202 Tyler, Texas, 75701 www.genesisworld.com







INTEGRATED DIGITAL **DISPATCHER SYSTEM (IDDS) EUROFUNK**

OVERVIEW

The Integrated Digital Dispatcher System (IDDS) is a touch screen operated digital communications and dispatch platform for use with Computer-aided Incident management, incident dispatching and relevant documentation.



KEY BENEFITS

Being able to quickly and efficiently deploy units in mission critical situations can save time, and ultimately lives. With the IDDS being a flexible yet stable communications system, emergency responders can make every second count.

Quicker Responses

Effectively manages core tasks of crisis incident management, communications and resource deployment. Based on reliable IP technology, IDDS' multifunctional hardware and software performs for a faster, more coordinated response to incidents.

Improved Efficiency

Integrated functions are provided to improve overall task efficiency including emergency call taking; deployment by messaging; and automated outbound calls.

Target Markets

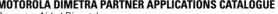
Police, Fire, Ambulance, Airports, Industrial, Petrochemical

Geographical Scope

Europe, Middle East and Africa

Supported Languages

English, German, Dutch, Arabic





KEY FEATURES

- Touch screen platform
- Individual dispatcher log-in
- Specified role-based rights and performance authorities
- Proven technology with over 1000 operators in use
- Trans-regional cooperation through geographically redundant IP connections
- Optional use of redundant servers on different locations for high availability and fault tolerance

SYSTEM REQUIREMENTS

Supported on Dimetra IP Scalable on System Releases 7.1 and 8.1.

Requires Microsoft Windows Operating System; Industry Standard hardware; and Database Licensing (3rd Party or Open)

Radio Requirements of IDDS – applicable for all Motorola TETRA radios.

"EUROFUNK PROVIDES SCALABLE CONTROL ROOM SOLUTIONS FOR DISPATCHING, INCIDENT MANAGEMENT, MAP BASED TRACKING AND TELEPHONY. CUSTOMISED INTEGRATION WITH PA, INTERCOM OR CCTV GUARANTEES A HIGH SITUATIONAL AWARENESS IN MISSION CRITICAL ENVIRONMENTS. EUROFUNK'S 45 YEAR EXPERIENCE AND EXPERTISE DELIVER HIGH LEVELS OF NETWORK SECURITY AND RESILIENCE TO BOTH INDUSTRY AND GOVERNMENT SECTORS. CREATING SAFETY BY TECHNOLOGY."

> **EUROFUNK KAPPACHER GMBH** Eurofunk-Straße 1-6

Austria

5600 St. Johann im Pongau Salzburg

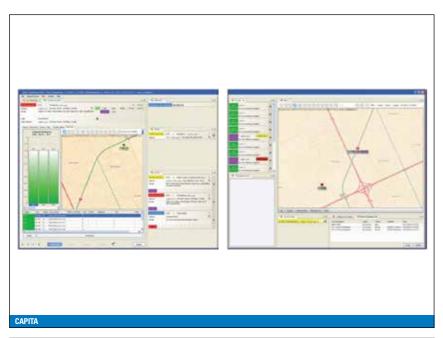




M-VISION COMMAND, CONTROL AND COMMUNICATIONS SYSTEM MOTOROLA WITH CAPITA



Provided by Motorola in partnership with Capita, the M-VISION Command, Control and Communications system supports and enhances the operational activities in an Emergency Services Agency control room and out in the field. A comprehensive tool delivered through a single operator workstation for efficient incident management.



Target Markets

Police, Fire, Ambulance, Coastguard and multi-agency Emergency Service Agencies

Geographical Scope

Europe, Asia and Australia

Supported Languages

English and Arabic

KEY BENEFITS

Being able to effectively manage core tasks of communication, call taking, resource deployment and incident management is a prerequisite for fast emergency response. Developed using industry standard MicrosoftTM languages and the MicrosoftTM .NET framework, Capita M-VISION is a multi-lingual solution for agencies worldwide.

Multi-lingual Platform

M-VISION can be deployed in international languages such as Arabic or dual language for agencies requiring both English and local language operations.

Easy-to-Use Interface

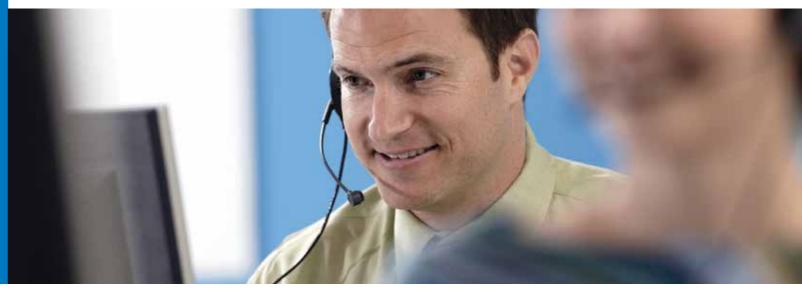
In its full configuration, M-VISION provides a common user interface through a single operator workstation to manage all core tasks. This integrated approach has been achieved through the use of latest IT developments including Voice over IP, VoIP, Computer Telephony Integration, CTI and Spatial Analysis and Databases

Highly Configurable

M-VISION functionality is both extensive and highly configurable, allowing each individual agency to define a set of business rules for the processing of emergency calls and a subsequent response for each incident scenario.

True Flexibility

Deploy M-VISION as a standalone system or as a complete suite of applications for a complete end-toend solution. Each application can be enhanced by implementing add-on products to improve operations.



KEY FEATURES

- Supports and enhances all the operational activities in an Emergency Services Agency Control Room and in the field
- Manages the core tasks of communications, call taking, resource deployment and incident management
- Utilises latest developments in IT including Voice over IP, VoIP, Computer Telephony Integration, CTI and Spatial Analysis and Databases
- Highly configurable design allows each agency to define a set of business rules for call scripts, initial response and associated action plans for each scenario
- Can be configured to operate with any combination of workstation clients
- Full workstation client uses a Window Geographical User Interface (GUI) for use in control rooms where speed and accuracy of response and integration of communications are essential
- Extended web client for users outside the control room allows monitoring of incident and resource activity or registering/updating of incident status
- Deploy as a standalone or complete end-to-end solution
- Each system can be seamlessly integrated to provide a truly sophisticated Computer Aided Dispatch solution

SYSTEM REQUIREMENTS

- Microsoft Windows .NET Environment and Operating Systems
- Industry Standard Hardware
- Third Party Database Licensing
- Third Party Routing and Mapping Data

Radio Requirements of Capita M-VISION Command, Control and Communications Solutions — all Motorola radios.

"CAPITA'S SECURE INFORMATION SOLUTIONS BUSINESS IS THE SUPPLIER OF TECHNOLOGY-DRIVEN EFFECTIVENESS AND EFFICIENCY TO PUBLIC SECTOR ORGANISATIONS. WORKING WITH CENTRAL AND LOCAL GOVERNMENT, PUBLIC SAFETY AND JUSTICE AGENCIES AND THIRD SECTOR ORGANISATIONS, ITS MISSION IS TO HELP ITS CUSTOMERS INTELLIGENTLY MAXIMISE THE USE OF ASSETS AND RESOURCES TO ACHIEVE OPTIMAL OPERATIONAL EFFICIENCY."

Contact your local Motorola representative for further details.



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Computer Aided Dispatch

IHM COM4500 TETRA CAD IHM

OVERVIEW

The IHM COM4500 TETRA CAD provides gateway connection between the MOTOROLA ICCS and operator positions. These are configured for IP and can therefore be placed local or remote from the central switching equipment.



Target Markets

Public safety control rooms

Geographical Scope

Europe

Supported Languages

All languages supported by application

KEY BENEFITS

The IHM COM4500 TETRA CAD provides a full function Graphical User Interface for TETRA through the MOTOROLA ICCS. Functions include services for status call and text messaging. The solution also provides gateway interfaces to PBX, PSTN, GSM and Legacy Radio. A shared server is included to accommodate Status and Call Queue with mutual synchronisation on all Dispatch Seats.

Easy to Use

Provides a quick overview and easy operation of all your communication resources.

Full Range of Services

Features include Mutual Status messaging, Mutual Call queue and Mutual SDS messaging on all operator terminals and POCSAG text paging via a shared server.

Seamless Integration

Supports all DIMETRA IP communication facilities, PBX/PSTN telephony integration over analogue or digital lines and includes a GSM/SMS text interface.

KEY FEATURES

Radio Requirements of the IHM COM4500 TETRA CAD – applicable for all TETRA radios and networks with Dimetra IP System Release 7.1, Dimetra IP Compact or Scalable Dimetra Release 4.1 or Dimetra IP Micro/Dimetra LiTE Release 2.0.

- Proven technology with more than 100 positions installed
- Supports MOTOROLA CORBA, CADI, SDS ROUTER
- Supports fall back communication using IHM FWT (Fixed Wireless Terminal providing an over-the-air TETRA connection)

SYSTEM REQUIREMENTS

The gateway and software requires MOTOROLA ICCS, optional PBX (analogue/ISDN or VoIP), IHM FWT, POCSAG transmitter and Legacy Radio base stations.

"IHM P/S WAS FOUNDED IN 1981 UNDER THE NAME INGENIOERFIRMAET H. MORTENSEN A/S. THE NAME OF THE COMPANY WAS CHANGED TO THE SHORTER AND MORE INTERNATIONAL NAME IHM P/S IN OCTOBER 2011 - IN CONNECTION WITH GLOBAL VENTURE WHERE WE SEEK NEW CHALLENGES AND OPPORTUNITIES IN MARKETS ALL OVER THE GLOBE. IHM IS ONE OF DENMARK'S LEADING MANUFACTURERS OF SOLUTIONS AND EQUIPMENT FOR TELE- AND RADIO COMMUNICATIONS. WE ARE BASED IN THE DANISH CAPITAL, COPENHAGEN.

IHM IHM P/S Vandtaarnsvej 87 2860 Soeborg Denmark



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Phone: +45 39 66 31 31 Email: info@inm.dk Web: www.ihm.dk

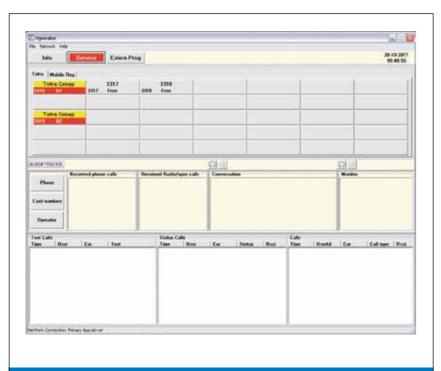
Mission Critical Communication Solutions

Computer Aided Dispatch

IHM TETRA CAD

OVERVIEW

The IHM TETRA CAD is an application for public safety control rooms that makes computer aided dispatch easier than ever. Seen from a user perspective, it replaces the MCC7500 GUI, expanding services to status call and text messaging.



KEY BENEFITS

The application runs on the MOTOROLA MCC7500 radio dispatcher API (API with Remote API Server but without SSL) and is installed on existing MCC7500 PC's. A shared server is included to accommodate Status and Call Queue with mutual synchronisation on all Dispatch Seats.

Easy Integration

Runs on the Motorola MCC7500 radio dispatcher.

Full Range of Services

Features include Mutual Status messaging, Mutual Call queue and Mutual SDS messaging on all operator terminals via a shared server.

Automatic Backup

As an option, the server can be duplicated.

KEY FEATURES

Radio Requirements of the IHM TETRA CAD – applicable for MCC7500 TETRA radios with Dimetra IP System Release 7.1, Dimetra IP Compact or Scalable Dimetra Release 4.1 or Dimetra IP Micro/Dimetra LiTE Release 2.0.

- Proven technology with more than 100 positions installed
- Mutual status messages on all operator terminals
- Mutual Call queue on all operator terminals
- Mutual SDS message call queue on all operator terminals

SYSTEM REQUIREMENTS

The software requires a MOTOROLA MCC7500 radio dispatcher and a common Windows server.

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Target MarketsPublic safety control rooms

Geographical Scope

Supported Languages

All languages supported by application

Mission Critical Communication Solutions



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Phone: +45 39 66 31 31 Email: info@inm.dk Web: www.ihm.dk

Denmark

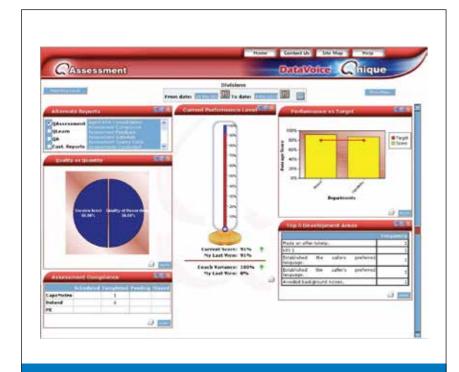
Contact Centre Performance Management

ION

FULLY INTEGRATED PERFORMANCE OPTIMISATION SOLUTION SPESCOM

OVERVIEW

The Spescom DataVoice Onique Performance Optimisation Solution delivers 360° optimisation for performance-critical organisations. A unified system, it provides contact centre staff key performance metrics and optimisation criteria tailored to any workflow need.



Target Markets

Police, Fire, Rail, Defence, Utilities, Emergency Services

Geographical Scope

EMEA and Latin America

Supported Languages

Multi-language support - English, German, French, Italian and Arabic

KEY BENEFITS

Operating at optimum performance is crucial for any mission-critical system. Using six interlinked modules, Spescom DataVoice Qnique optimises performance through elements such as candidate profiling and e-learning, independent external surveys and process adherence management via one central knowledge base.

Easy Monitoring

Managers can quickly check key performance metrics at a glance on an easy-to-read dashboard.

Fully Customisable

All important solution functions can be tailored to support virtually any workflow or methodology.

Improves Productivity

The integrated workforce assessment system provides an in-depth and objectively calibrated quality assurance process for improved efficiency and enhanced morale.

Saves Cost

E-learning delivers targeted education to individual workstations, improving skills without the cost of classroom-based tutorials.

KEY FEATURES

- Early screening of potential employees saves time in unnecessary interviews and delivers a higher percentage of suitable candidates
- Powerful research tool delivers targeted, independent survey results via any channel of choice including SMS, email or via the web
- Adherence module applies best-practice risk, compliance and process adherence techniques to help minimise risk and optimise efficiency
- Optional integrated voice and screen recording ensures all evaluations are based on factual and proven information

SYSTEM REQUIREMENTS

DataVoice Onique is entirely IP-based and requires only IP connectivity to the Motorola AIS server when deployed with integrated voice recording. In standbeside applications, no external system requirements apply.

Radio Requirements of the Spescom DataVoice Onique system — applicable for all radios or consoles.

"SPESCOM DATAVOICE DESIGNS AND DEVELOPS PROPRIETARY SOLUTIONS THAT RECORD, MANAGE, RE-CREATE AND ANALYSE VOICE AND SCREEN TRANSACTIONS. WE ALSO OFFER COMPREHENSIVE PERFORMANCE MANAGEMENT SOLUTIONS, CUSTOMER QUALITY ASSURANCE RESEARCH AND OTHER PROFESSIONAL SERVICES. OUR SOLUTIONS ARE TAILORED TO ENHANCE COMMUNICATION BETWEEN ORGANISATIONS AND THEIR CUSTOMERS AND SUPPORT BUSINESS PROCESSES, ASSISTING THEM TO MEET SECURITY, LEGAL AND GOVERNANCE REQUIREMENTS, MITIGATE RISK, OPTIMISE WORKFORCE PRODUCTIVITY AND ENSURE QUALITY CUSTOMER INTERACTIONS."





SPESCOM

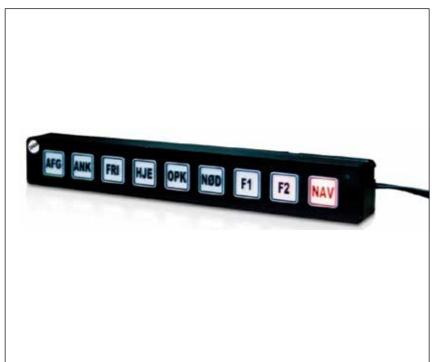
Spescom DataVoice Spescom Park, Cnr. Alexandra Avenue & Second Road, Halfway House, Midrand, 1685 PO Box 288, Halfway House, 1685, South Africa www.spescom.com



IHM STATUS PANEL IHM

OVERVIEW

IHM Status Panel makes it simple to transmit status and SDS messages from a mobile TETRA installation. The Status Panel makes it possible to receive a job including destination address and then automatically program the destination to a connected Garmin Navigator for this to start navigating.



Target Markets

Police, Fire Brigade and Ambulance services

Geographical Scope

Supported Languages

All languages supported by application

KEY BENEFITS

Send jobs to police cars, fire trucks or ambulances from a control center including destination adress for fast and precise dispathing and total understanding. You receive fast and accurate status messages from your vehicles, providing you with an overview of the actual status of your resources.

Efficient information Exchange

Provides the most efficient way for information to be exchanged between the vehicle and control centre.

One Touch Operation

Status messages can be sent to several control rooms (GSSI/ISSI) by pressing just one key. After having sent the status message the button will remain illuminated. In this way you can see the latest message sent to the control centre at a glance.

Features large buttons allowing users to easily send messages even while wearing gloves.

Quick Navigation

With a Garmin Navigator connected to the Status Panel, vehicles can receive jobs including destination address. The destination will automatically be transferred to the navigator for instant navigation.



Custom Radio Interface Solutions



KEY FEATURES

Radio Requirements of the IHM Status Panel – applicable for MTM800E, MTM5400 and MTP850S TETRA radios with Dimetra IP System Release 7.1, Dimetra IP Compact or Scalable Dimetra Release 4.1 or Dimetra IP Micro/ Dimetra LiTE Release 2.0.

- Customisable button text and colours
- Rugged design fully dust and water proof
- Small size fits into almost any public safety vehicle
- Messages for 'Depart' and 'Arrive' can be sent automatically
- Proven technology with over 1500 units installed

SYSTEM REQUIREMENTS

Connects to MOTOROLA TETRA MTM800E, MTM5400 and MTP850S in DCK Car kit via a PEI interface. Connects to Garmin Navigator with FMI cable.

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> IHM P/S Vandtaarnsvei 87 2860 Soeborg Denmark





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Mission Critical Communication Solutions

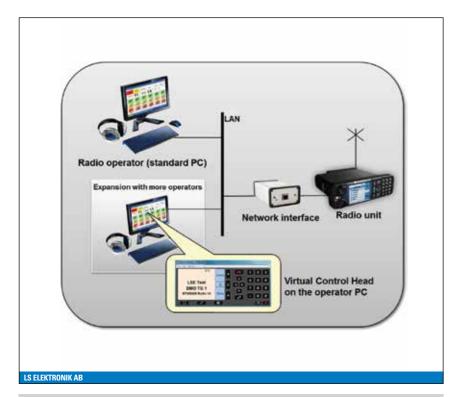
Custom Radio Interface Solutions



MIMER SOFTRADIO LS ELEKTRONIK AB

OVERVIEW

Mimer SoftRadio is a dispatch application that allows communication with users on different radio networks. It works over LAN, WAN and also over the Internet, with audio provided using VoIP. In addition to connecting to any type of radio, phone or intercom from a PC dispatcher, it also allows cross patching.



KEY BENEFITS

Being able to manage your radios from anywhere enhances operational efficiency. Mimer SoftRadio presents virtual control heads for TETRA radios as well as other types of two-way radio, giving the feeling of sitting in front of the radio.

Remote Control

Offers the ability to remotely control one or more TETRA radios from any PC; or control each radio from many PCs to build up control rooms.

Simple Radio Interface

Easy to understand Graphical User Interface with a virtual control head providing the appearance of a radio screen.

Flexible All-in-One Solution

Multiple types of radios and multiple locations can be integrated, making it easy to incorporate into existing systems.

KEY FEATURES

- Ability to control one or many TETRA radios
- As a standard it supports 8 or 30 radios, which can be expanded upon request
- Graphical User Interface (GUI) looks and feels the same as a radio
- Proven technology with more than 1000 radios being controlled across 35 countries
- Not platform dependent
- Desktop microphone provided
- Works with standard PC audio accessories
- Add-ons to the system includes cross patch between TETRA, analogue and DMR; phone connection; voice recording; status message logging; and I/O control.

SYSTEM REQUIREMENTS

The operator PC is required to have WinXP. Win7 or Win8. Requires an IP network connection and an audio card with microphone and speakers.

Supported on all platforms, including Dimetra IP Scalable, Dimetra IP Compact and Dimetra IP Micro.

"LSE IS A SWEDISH ENGINEERING COMPANY, ACTIVE FOR OVER 20 YEARS. OUR MISSION IS TO

DEVELOP AND DELIVER CUSTOM DESIGNED ELECTRONIC HARDWARE AND SOFTWARE - PARTICULARLY IN COMBINATION WITH RADIO EQUIPMENT. THROUGH OUR SYSTEM, MIMER SOFTRADIO, WE HELP DISPATCHERS TO CONNECT USERS ALL OVER THE WORLD."

Target Markets

All TETRA Users

Geographical Scope

Supported Languages

English, Swedish, German, Danish, Turkish and Polish

LS Elektronik AB Box 8301 SE 163 08 Spånga,

Sweden

Phone:+46-8 36 42 25 Web: www.lse.se www.softradio.se



SSIC SMART SERIAL INTERFACE CABLE **SYSTEL**

OVERVIEW

The Systel Smart Serial Interface Cable is a new interface between any Motorola TETRA portable radio and serial barcode readers. An effective solution for sending data from readers to individuals or storage applications via your TETRA radio.



KEY BENEFITS

Retrieving, sharing and storing data from barcode readers improves efficiency and enhances customer service. The SSIC Smart Serial Interface Cable enables users to easily use their TETRA radio to acquire information from readers and send it to one of more destinations, other Motorola TETRA radios or an application that stores and organises data.

Long Lasting

The SSI cable is powered by a 1.2V rechargeable battery and has 10 hours working life depending on the Motorola barcode reader.

Flexibility

Supports a wide range of linear and two dimensional barcodes.

Easy to Carry

Compact and light for easily carrying around while at work.

Target Markets

Police, Airports, Hospitals, Ambulance and Retail Stores

Geographical Scope

Europe, MEA

Supported Languages

English and Arabic



MOTOROLA DIMETRA PARTNER APPLICATIONS CATALOGUE

Custom Radio Interface Solutions



KEY FEATURES

Radio Requirements of Systel SSIC – applicable for Motorola MTH800, MTP850, MTP850S, MTP850Ex, MTP830S and MTP810Ex TETRA radios.

- Supports linear barcodes: Code_128, Code32, Code93, Ean13, Ean8, Isbn, Ismn,Ltf14 Jan13, Jan8, NumlyNumber, Pzn, Scc14, Sscc18, SwissPostParcel, UccEan128, Upc_E, UspsPicUccEan128
- Supports two dimensional barcodes: AztecCode, DataMatrix, MacroPdf417, PDF417, QRCode, Semacode
- Compact, fixable & easy to use

SYSTEM REQUIREMENTS Requires TETRA network coverage, Motorola portable radio and SSI cable.

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> 2A Shafik Mansour St., Zamalek Cairo - EGYPT

www.svstel.com.ea





TETRA INTERACTIVE DISPLAY (TID) SYSTEL

OVERVIEW

Systel TETRA Interactive Display (TID) is a touch screen computing platform which allows for direct interfacing with a



KEY BENEFITS

The TID enables complete control of a TETRA radio through the computing platform, providing the ability to send unified messages with SDS, access the TETRA radio's contact list and control the volume.

Seamless Integration

With the minimal number of tabs, the user is able to send and receive data from the system, through the display. It provides real-time information over the air and complete control of the radio.

High Resolution Display

The 65K colour display supports customised maps with zooming functionality for better location accuracy.

Target Markets

Police, Ambulance, Fire, Transport and Delivery

Geographical Scope Europe, MEA

Supported Languages

English and Arabic



MOTOROLA DIMETRA PARTNER APPLICATIONS CATALOGUE

Custom Radio Interface Solutions



KEY FEATURES

- Easy-to-use touch screen computing platform
- High Resolution 65K colour display
- Standalone device which can be integrated with existing backend systems to support business processes

SYSTEM REQUIREMENTS

Requires TETRA network coverage, TETRA radio and interface cable. Supported by Dimetra IP Scalable.

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> 2A Shafik Mansour St., Zamalek Cairo - EGYPT

www.systel.com.eg

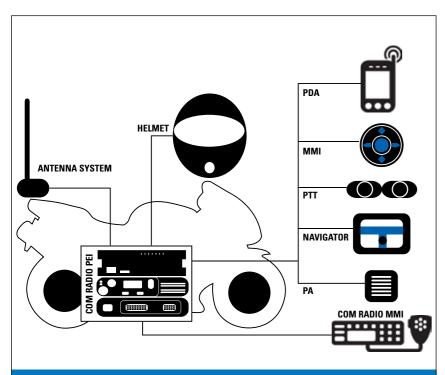




ZENIPOL FOR MOTORCYCLE ZENITEL



ZeniPol for Motorcycle is an all-in-one motorcycle solution providing a reliable and efficient wireless communications platform for Police Motorcycles and other vehicles - essential for continuous communications at high speeds.



Target Markets

Rescue Police and Military

Geographical Scope

Supported Languages

English, Danish, Norwegian and Italian are supported New languages can be loaded as setup-file.

KEY BENEFITS

Staying in contact with police motorcycles while on patrol is critical to ensuring rapid and efficient response. ZENITEL ZeniPol integrates with TETRA. MOTOTRBO, VHF/UHF radios, GPS and GSM, to ensure high quality communications at all times.

Flexible All-in-One Solution

Works with TETRA, MOTOTRBO and analogue radios so easy to integrate into existing systems.

High Sound Quality

Designed to give clear communications, even when operators are travelling at high speed (up to 200 kmh).

Customisable

With ZeniPol, it's possible to personalise the motorcycle to individual users and fleets with overthe-air programming.

Operated by an interface unit mounted on the motorcycle front shield making it simple for the driver to operate.

Improves Driver Safety

Safe communication when operating different radio systems and driving a motorcycle.



- TETRA, MOTOTRBO and VHF/UHF communication integration
- Navigator, FM radio and GSM telephone
- WLAN and Bluetooth Audio connection
- Specially designed MMI (joystick) and touch screen on the Garmin device, is used for selection and operation.
- Easy to use and excellent sound quality
- Works with Motorola radios
- Personalise the motorcycle to individual users and manage fleets with over-the-air-programming
- Many ZeniPol systems already in operation on police motorcycles with a "voice speed" up to 200 km/h

SYSTEM REQUIREMENTS The ZeniPol application requires an interface to Motorola TETRA radios. MOTOTRBO or analogue VHF/UHF radios.

Radio Requirements of ZeniPol for motorcycle – applicable for all TETRA, MOTOTRBO and analogue VHF/UHF radios.

Supported on Dimetra IP Scalable, Dimetra IP Micro and Dimetra IP Compact.

ZENITEL IS A LEADING SYSTEM INTEGRATION SOLUTION PROVIDER WITHIN THE FIELD OF PROFESSIONAL RADIO COMMUNICATION SERVING MARKETS REQUIRING SECURE AND CRITICAL COMMUNICATION ZENITEL HAS DEVELOPED ITS OWN UNIQUE TETRA AND MOTOTRBO APPLICATIONS FOR THE POLICE. FIRE, DEFENCE, AIRPORTS, MARINE, PRISONS, RAIL AND TRANSPORTATION COMPANIES, UTILITIES AND INDUSTRY. THIS ALSO INCLUDES CONFINED AREA COVERAGE SOLUTIONS WITH RADIATING CABLES AND REPEATERS FOR IN-DOOR BUILDINGS, TUNNELS AND OIL RIG PLATFORMS."

"THE CORE OF OUR BUSINESS IS TO PROVIDE ONBOARD COMMUNICATION SYSTEMS FOR SHIPS; AND ANALOGUE AND DIGITAL (VOIP), STATE-OF-THE-ART INTERCOM SOLUTIONS ON SHORE. WE OPERATE WITH GLOBAL SCOPE AND ARE SUPPORTED BY A VAST NUMBER OF COUNTRY OFFICES, LOCAL DEALERS AND RESELLERS."



Broendby, Denmark Switchboard: +45 4343 7411. Fax: +45 4343 7522 info.denmark@zenitel.com www.zenitel.com



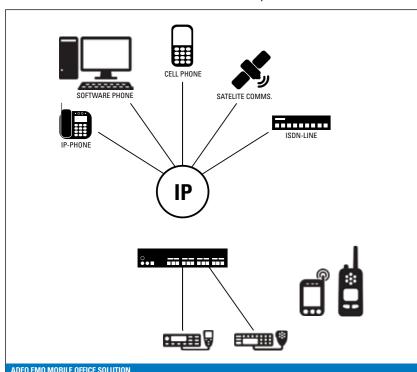




ADEO CMO COMMUNICATIONS MANAGEMENT SOLUTION EUROCOM

OVERVIEW

The ADEO CMO software suite developed by Eurocom allows the management of heterogeneous communication networks. An efficient and reliable solution for radio operators to communicate using different radio technologies. It allows a radio user to cross communicate with different networks, based on different technology directly from the device with or without the Control Room operator.



Target Markets

Police, Ambulance, Security Services, Escort Services, Fire Brigade and Army

Geographical Scope

Europe, Asia, Latin America and North America

Supported Languages

English, Spanish, Italian and French

KEY BENEFITS

Instant communication across a wide area between different teams and personnel using different technologies is a vital component of an efficient emergency service. Based on reliable IP technology, ADEO CMO multifunctional software provides a flexible solution for a faster, more coordinated response to incidents.

Range of Management Services

CMO provides different management services such as Dispatcher Functions, GPS-based Radio Localisation, Call Recording and Lone Worker support.

Maximum Flexibility

The framework is based on Client / Server architecture for maximum flexibility and expandability, making it easy to increase the number of clients. The network environment is based on reliable IP technology and also works on MAN networks or a generic internet connection.

Remote Control

Radio audio is converted into VOIP streaming and sent from the server to the client and vice versa. This technology allows remote control of the network for easy access.

Easy Interfaces

On request, the Network Protocol is available to create a Customised GUI (Graphical User Interface) or web interface.

KEY FEATURES

- E-COM Server software connects directly to the radios and collects data such as GPS position, messages, alarm and voice communication while managing all control room functionalities and a communications log
- E-COM Client software is a remote interface allowing management of dispatching functions – modules include Logbook for organising radio user activity, Lone Worker, Patrol Management and SMS
- E-COM Client support also Google Earth™ to display GPS positions and GPSbased AVL (Automatic Vehicle Location)
- E-MAP Client, NAVTEQ™ cartography-based software displays radio position, supports text messaging and manages Telemetry function
- Managing of IP Video Streaming to integrate Video Surveillance System
- Integrates INTEROX I-Radio Gateway for cross patching voice services from VoIP – ISDN – PBX – GSM – 3G – DMR – TETRA – Analog systems
- Direct call from TETRA terminal to a different radio network such as DMR, Analog or SATELLITE phones

SYSTEM REQUIREMENTS

Supports IP-based technology, MAN networks and generic Internet connections. No specific radio requirements.

Radio Requirements of Eurocom ADEO CMO software — applicable for all Motorola radios

"OUR MISSION IS TO KEEP A HIGH LEVEL OF CUSTOMER SATISFACTION THROUGH CONTINUOUS INNOVATION AND TECHNOLOGICAL IMPROVEMENT, ALLOWING COMMUNICATION EVERYWHERE."

adeo

Eurocom

Telecomunicazioni SrI Riccione – Bologna – Roma Viale Carpegna,9 -Riccione 47838 (RN) Italy www.eurocomtel.com

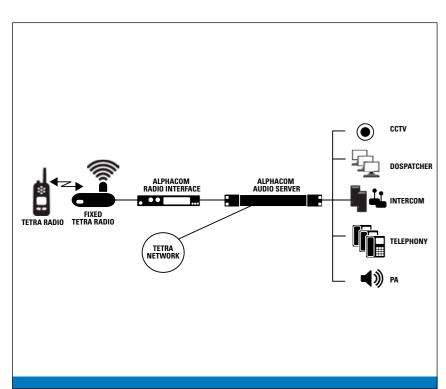




TETRA INTEGRATION ON ALPHACOM INTERCOM SYSTEMS ZENITEL

OVERVIEW

ZENITEL Alphacom is an application that allows seamless integration of TETRA radio communications into the well-proven STENTOFON AlphaCom intercom system using radio or SIP interfacing - the ideal solution for complete communications coverage.



Target Markets

Prison, Museum, Police and Fire service stations, Industry and other markets

Geographical Scope

Europe, Asia and Latin America

Supported Languages

KEY BENEFITS

Ensuring communications are being received and monitored at all times is critical, especially in environments such as prisons and police stations. ZENITEL Alphacom uses the STENTOFON IP-ARIO interface to integrate TETRA radio communications into Alphacom intercom systems. This protects personnel and ensures rapid response.

Total Coverage

Supports group call and semi-duplex private calls from any intercom station to the TETRA system. Incoming calls are automatically diverted to one or more intercom stations and calling ID is provided on the receiving intercom station.

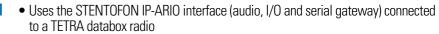
Enables Call Back

Predefined Call Back request messages can be sent from the TETRA terminal which results in a CallBack message on the control room intercom station.

Optional SIP integration

Integration is also possible using a SIP interface between the AlphaCom and TETRA systems. Each radio is identified in the AlphaCom system including the configured SIP Trunk and calls to TETRA radios will automatically be directed over the SIP interface as full-duplex calls.





- Group call and semi-duplex private calls are supported from any intercom station to the TETRA system
- Automatic divert of incoming calls to an intercom station
- Calling ID on receiving intercom station
- Predefined Call Back
- Optional integration using a SIP interface
- Supports all standard intercom features from a TETRA radio including private call, group call, broadcast call, group messages and busy override/notify

SYSTEM REQUIREMENTS

The ZENITEL Alphacom works on TETRA networks and requires an Interface to a Motorola MTM5400 or MTM800 Enhanced databox using ETSI PEI and/or a SIP interface to Motorola Dimetra IP Micro or Dimetra IP Compact.

Radio Requirements of ZENITEL Alphacom – applicable for all TETRA radios.

"ZENITEL IS A LEADING SYSTEM INTEGRATION SOLUTION PROVIDER WITHIN THE FIELD OF PROFESSIONAL RADIO COMMUNICATION SERVING MARKETS REQUIRING SECURE AND CRITICAL COMMUNICATION. ZENITEL HAS DEVELOPED ITS OWN UNIQUE TETRA AND MOTOTRBO APPLICATIONS FOR THE POLICE, FIRE, DEFENCE, AIRPORTS, MARINE, PRISONS, RAIL AND TRANSPORTATION COMPANIES, UTILITIES AND INDUSTRY. THIS ALSO INCLUDES CONFINED AREA COVERAGE SOLUTIONS WITH RADIATING CABLES AND REPEATERS FOR IN-DOOR BUILDINGS. TUNNELS AND OIL RIG PLATFORMS.

"THE ZENITEL GROUP COMPRISES THREE BRANDS: STENTOFON SECURITY COMMUNICATION SYSTEMS, VINGTOR INTEGRATED ONBOARD COMMUNICATION SOLUTIONS FOR THE MARINE MARKETS, AND ZENITEL FOR RADIO COMMUNICATION SOLUTIONS.



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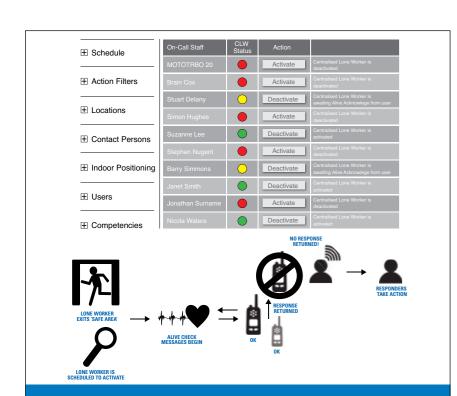


Lone Worker Safety

ZONITH CENTRALISED LONE WORKER (CLW) ZONITH

OVERVIEW

ZONITH Centralised Lone Worker is a Windows-based software application that monitors people by sending messages to their radio or phone - an essential solution for ensuring lone worker safety.



Target Markets

Public Safety, Oil & Gas, Power Utilities, Heavy Industry, Retail, Security and Healthcare

Geographical Scope

Europe, Asia, North America, Latin America and Australia

Supported Languages



KEY BENEFITS

Keeping workers safe is a critical objective for every organisation. ZONITH CLW monitors personnel and immediately notifies support staff if replies are not received so action can be taken. This essential application gives workers assurance that their safety is being monitored even if their equipment fails or is out of coverage.

Cost Savings

Simultaneously supports TETRA, MOTOTRBO DMR, MPT1327 and mobile phones from a single centralized installation. Automatically activates and deactivates Lone Worker services across an entire work force. eliminating recurring charges.

Intelligent Solution

Activates automatically based on the time of day or your location within a building Works with ZONITH Indoor Positioning to create Safe Areas, activating and deactivating when a person leaves and returns to a Safe Area.

Flexible and Scalable

Allows you to start small and develop your Lone Worker solution without the need to purchase additional hardware by using existing radios. Supplied tool kit enables people to create user profiles for total protection of an entire workforce.

Automatic Scheduling

Can be configured for individuals or large groups to turn on or off automatically at any time of day or night. A simple graphical user interface provides an overview of the Lone Worker status of each employee.

KEY FEATURES

- 'Alive Check' messages can be sent whenever required Lone Workers have a fixed amount of time to respond before an alarm is raised
- Retry option gives users the flexibility to wait for the next 'Alive Check' without triggering an alarm
- Messages can be defined and easily changed by the administrator to guarantee that only the right people are responding
- Automatic Alarm Escalation when a Lone Worker fails to respond to an 'Alive Check' message
- Password protected software installed on a single central computer for total security to prevent unauthorised access
- Accessible using any connected web browser

SYSTEM REQUIREMENTS

The ZONITH CLW works on TETRA networks and requires a Windows-based computer for software installation.

Radio Requirements of the ZONITH CLW – applicable for all TETRA radios and

"FOUNDED IN 2000 BY A GROUP OF NOKIA ENGINEERS, ZONITH A/S DEVELOPS SOFTWARE THAT MAKES LIFE EASIER FOR PROFESSIONALS WHO HAVE TO DEAL WITH ALARMS. WE SPECIALIZE IN ALARM HANDLING AND NOTIFICATION SOLUTIONS, SOLVING TASKS AT ALL LEVELS OF COMPLEXITY, RANGING FROM SIMPLE NOTIFICATION SOLUTIONS TO LARGE ALARM HANDLING SYSTEMS, ZONITH PROVIDES VALUE ADDED SOFTWARE APPLICATIONS THAT MAXIMISE THE BENEFITS OF TETRA TO IMPROVE THE SAFETY, SECURITY AND SITUATIONAL AWARENESS OF PUBLIC AND PRIVATE SECTOR EMPLOYEES.

ZONITH A/S

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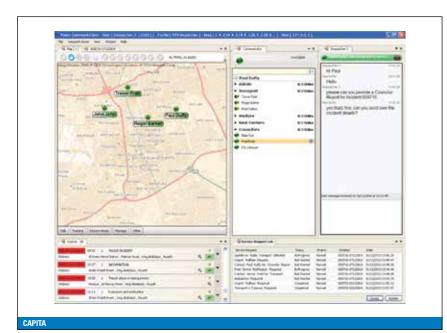


Personnel Alerting and Paging Solutions

M-VISION CALL OUT SYSTEM MOTOROLA WITH CAPITA

OVERVIEW

Provided by Motorola in partnership with Capita, the M-VISION Call Out application uses a geographical user interface to send, receive and monitor location information to simplify emergency communications. A reliable resource for efficient management of minor events and major incidents requiring personnel coordination and rapid exchange of information.



Target Markets

Emergency Service Agencies and TETRA Radio Console Customers

Geographical Scope

Europe, Asia and Latin America

Supported Languages

English, Spanish and Arabic

KEY BENEFITS

Being able to send instant data communications to multiple recipients simultaneously over a variety of channels is essential for efficient incident management. Developed using industry standard Microsoft™ languages and the Microsoft™ .NET framework, Capita M-VISION Call Out is a multi-lingual solution for agencies worldwide.

Multi-lingual Platform

M-VISION Call Out can be deployed in international languages such as Arabic or dual language for agencies requiring both English and local language operations.

Improves Efficiency

Emergency responders need to make every second count. Functions such as presence, instant messaging, outbound calling and conferencing saves precious time and ultimately lives.

Saves Costs

Because Capita solutions are scalable, customers can grow and expand their systems to meet business needs and make better use of existing infrastructure.

Meets Specific Needs

Emergency response agencies can now enjoy the benefits of a Command and Control system without the need to invest in a full computer-aided dispatch solution. This gives them the freedom to focus on their specific needs.

KEY FEATURES

- Supports data communications over a variety of delivery channels such as TETRA, Short Message Service or instant messaging delivered by GPS
- Two way data communications between control room and responders
- Secure and resilient call out messages are sent over a priority channel on a secure network
- Send an instant message containing details of an event
- Perform a call-out message requesting a response this response triggers a status change within the application and the recipient is automatically assigned to the event talk group (optional)
- Send a message with a URL or an attachment (e.g. picture of missing person)
- Tracking and Auditing enables tracking and auditing of responses

SYSTEM REQUIREMENTS

- Microsoft Windows .NET Environment and Operating Systems
- Industry Standard Hardware
- Third Party Mapping Data

Radio Requirements of Capita M-VISION Call Out Solutions – all Motorola TETRA radios.

"CAPITA'S SECURE INFORMATION SOLUTIONS BUSINESS IS THE SUPPLIER OF TECHNOLOGY-DRIVEN EFFECTIVENESS AND EFFICIENCY TO PUBLIC SECTOR ORGANISATIONS. WORKING WITH CENTRAL AND LOCAL GOVERNMENT, PUBLIC SAFETY AND JUSTICE AGENCIES AND THIRD SECTOR ORGANISATIONS, ITS MISSION IS TO HELP ITS CUSTOMERS INTELLIGENTLY MAXIMISE THE USE OF ASSETS AND RESOURCES TO ACHIEVE OPTIMAL OPERATIONAL EFFICIENCY."

Contact your local Motorola representative for further details on availability of this application.



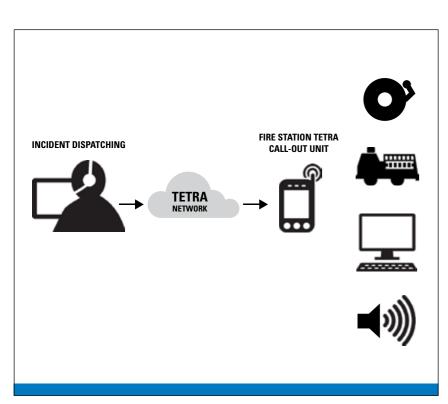




FIRE STATION TETRA CALL-OUT ZONITH



ZONITH Fire Station TETRA Call-out is an automatic incident dispatcher to PA, VGA and Audio Announcer systems. An immediate and effective way of notifying fire crews of incidents and putting a call-out into operation.



Target Markets

ire Stations

Geographical Scope

Europe, Asia, Latin America, Australia, Canada and Greenland

Supported Languages

Englist

KEY BENEFITS

Accurate, fast and clear incident messaging in fire stations is vital to enable fire crews to react as quickly as possible. The ZONITH Fire Station TETRA Call-out unit simultaneously dispatches messages to PA systems, triggers gates to open, converts TETRA messages to VGA display screens and plays audio announcements to ensure everyone within a fire station is instantly notified of an incident.

Immediate Response

Instantly triggers a series of audio and display notifications when an emergency is recorded by the control room or 112-services.

Reliable Communication

Supports Motorola TETRA Call-Out messaging, standard SDS messages and a fall-back communication using GSM text messaging.

Pro-active and Versatile

Designed to activate relays, display TETRA text messages on VGA displays and play audio messages over PA systems using text-to-audio software.

Easy and Flexible Configuration

The unit can be configured to support a variety of control room dispatchers and fire station PA systems. It can also be programmed and configured remotely using SDS commands over the TETRA network.



Radio Requirements of the ZONITH Fire Station TETRA Call-out – applicable for all TETRA radios.

- Remote triggering of up to 4 built-in relays to activate PA systems, open or close gates or control of any other technical equipment at the fire station
- Control via Motorola Call-Out messages, SDS text messages or SMS (GSM) messages
- Displays incident message content in clear text on VGA screens
- Incident text message is converted to audio messages using text-to-audio synthesis

SYSTEM REQUIREMENTS

Interfaces to Dimetra via a Mobile TETRA radio PEI interface. The solution is based on a standalone box unit and does not require any server environment to run.

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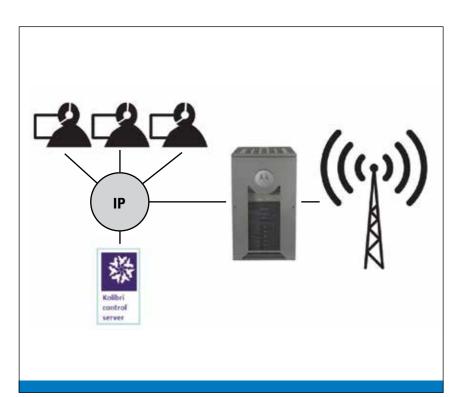




WIRED CONNECTED **DISPATCH & TRACKING** FOR LARGE SYSTEMS **KOLIBRI**

OVERVIEW

Kolibri is a control room solution for radio dispatch, map-based tracking in mission critical environments. An easy and cost effective way of managing and monitoring resources that can be tailored to individual needs.



Target Markets

Public safety, Oil & Gas, Harbour Industry, Airports, Government Institutes, Public services, Transportation and Security firms

Geographical Scope

Europe, Asia, Latin America, Rest of World

Supported Languages

Any language can be supported since all GUI text is stored in the database. Currently available in English, Spanish, French, German, Danish and Dutch.



KEY BENEFITS

Dispatching and keeping track of resources using maps is fundamental for any control room. Kolibri can be seamlessly integrated with telephony. telemetry, video surveillance, incident management and other systems or tailored to specific needs. The wired version uses an IP wired connection to one or more radio networks and can be combined with a wireless solution if required.

Cost Effective for Large Networks

Wired connection is ideal for networks with high voice traffic capacity.

Supports a variety of control rooms

IP based architecture enables a high scalability from a single console to a large, geographically dispersed multi-console configuration.

Smooth Migration

The ability to simultaneously connect to multiple radio networks enables smooth migration scenarios.

High Availability

The optional use of redundant servers on different locations provides high availability and fault tolerance.

Easily Adaptable

The strong configurability of the GUI and automated enterprise logic means Kolibri can be tailored to individual needs to meet specific customer requirements.

High Situational Awareness

The integrated user interface for radio dispatch, map based tracking and optional other systems provides a high situational awareness.



FEATURES

Radio Requirements of Kolibri wired – all Motorola TETRA radios and all Dimetra IP releases.

- Seamless integration of dispatching and map based tracking
- All dispatch operations also available on map
- Voice communication and text messaging
- Logging and replay of all events and speech
- Radio system independent
- Simultaneous use of multiple radio systems
- True IP based architecture
- Strong configurability to user requirements while remaining COTS
- Scalable from single console to multi-console WAN configuration
- Optional integration with other systems
- Wired IP connections to radio networks

SYSTEM REQUIREMENTS

Requires one or more radio networks such as Dimetra or MOTOTRBO, a wired IP connection to radio network infrastructure, radio network console interface licences and equipment, standard Windows PC platform and IP Infrastructure for Kolibri servers and consoles.

"KOLIBRI SYSTEMS PROVIDES SCALABLE CONTROL ROOM SOLUTIONS FOR RADIO DISPATCH. MAP BASED TRACKING AND TELEPHONY IN MISSION CRITICAL ENVIRONMENTS. WE PROVIDE EASY INTEGRATION WITH TELEMETRY, VIDEO SURVEILLANCE, INCIDENT MANAGEMENT SYSTEMS AND OTHER SYSTEMS. THE INTEGRATED USER INTERFACE GUARANTEES A HIGH SITUATIONAL AWARENESS. KOLIBRI IS BASED ON 25 YEARS EXPERIENCE IN CONTROL ROOM SOLUTIONS INCLUDING THE DISPATCH SOLUTION FOR THE NATIONWIDE DUTCH PUBLIC SAFETY TETRA NETWORK."

Kolibri Systems "Boston House"

Motorenweg 5T 2623 CR Delft The Netherlands www.kolibri-systems.com

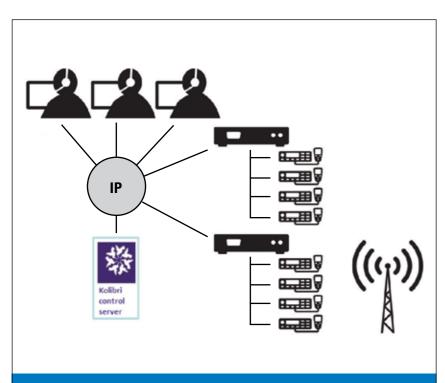


MOTOROLA

WIRELESS CONNECTED DISPATCH & TRACKING FOR SMALL SYSTEMS KOLIBRI



Kolibri is a control room solution for radio dispatch, map-based tracking in mission critical environments. An easy and cost effective way of managing and monitoring resources that can be tailored to individual needs.



Target Markets

Public safety, Oil & Gas, Harbour Industry, Airports, Government Institutes, Public services, Transportation and Security firms

Geographical Scope

Europe, Asia, Latin America, Rest of World

Supported Languages

Any language can be supported since all GUI text is stored in the database. Currently available in English, Spanish, French, German, Danish and Dutch.



KEY BENEFITS

Dispatching and keeping track of resources using maps is fundamental for any control room. Kolibri can be seamlessly integrated with telephony, telemetry, video surveillance, incident management and other systems or tailored to specific needs. The wireless version uses wireless connections through a shared pool of radios to connect to one or more radio networks and can be combined with a wired-connected solution if required.

Cost Effective for Small Networks

Wireless connection is ideal for networks with low voice traffic capacity and represents a much more affordable option.

Supports mobile or isolated control rooms

Allows control rooms without a wired IP connection to connect to the radio network.

Smooth Migration

The ability to simultaneously connect to multiple radio networks enables smooth migration scenarios.

Remote Support

IP based architecture offers geographically dispersed multi-console configuration.

High Availability

The optional use of redundant servers on different locations provides high availability and fault tolerance.

Easily Adaptable

The strong configurability of the GUI and automated enterprise logic means Kolibri can be tailored to individual needs to meet specific customer requirements.

High Situational Awareness

The integrated user interface for radio dispatch, map based tracking and optional other systems provides a high situational awareness.



KEY FEATURES

Radio Requirements of Kolibri wireless – all Motorola TETRA radios and all Dimetra IP releases.

- Seamless integration of dispatching and map based tracking
- All dispatch operations also available on map
- Voice communication and text messaging
- Logging and replay of all events and speech
- Radio system independent
- Simultaneous use of multiple radio systems
- True IP based architecture
- Strong configurability to user requirements while remaining COTS
- Scalable from single console to multi-console WAN configuration
- Optional integration with other systems
- Wireless connection uses a pool of radios shared by consoles Kolibri Media Servers connect the radio pool to the IP infrastructure

SYSTEM REQUIREMENTS

Requires one or more radio networks such as Dimetra or MOTOTRBO, a pool of one or more mobile radios, standard Windows PC platform and IP Infrastructure for Kolibri servers and consoles.

"KOLIBRI SYSTEMS PROVIDES SCALABLE CONTROL ROOM SOLUTIONS FOR RADIO DISPATCH, MAP BASED TRACKING AND TELEPHONY IN MISSION CRITICAL ENVIRONMENTS. WE PROVIDE EASY INTEGRATION WITH TELEMETRY, VIDEO SURVEILLANCE, INCIDENT MANAGEMENT SYSTEMS AND OTHER SYSTEMS. THE INTEGRATED USER INTERFACE GUARANTEES A HIGH SITUATIONAL AWARENESS. KOLIBRI IS BASED ON 25 YEARS EXPERIENCE IN CONTROL ROOM SOLUTIONS INCLUDING THE DISPATCH SOLUTION FOR THE NATIONWIDE DUTCH PUBLIC SAFETY TETRA NETWORK."

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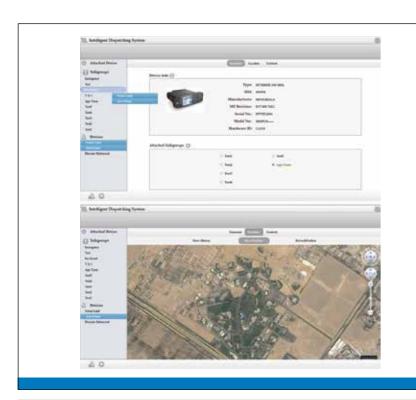




GEOGRAPHICAL DYNAMIC REGROUPING AND MONITORING SYSTEM SYSTEL



The Systel stand-alone Dynamic Regrouping and Monitoring System is a dispatching solution providing full control over any system requiring dispatcher access of multiple radios. An effective solution that gives operators the ability to make faster decisions.



Target Markets

Police, Ambulance, Fire, Government, Industrial, CAP Companies and Transportation Facilities

Geographical Scope

Europe, MEA, Asia

Supported Languages

English and Arabic

KEY BENEFITS

Being able to mobilise field teams and keep them informed with the most up to date information is essential in any public safety or commercial situation. This stand-alone software application allows operators to interconnect devices by reassigning radios to other talkgroups, retrieve information and location at any time and monitor contacts.

The operator has full control over any system requiring dispatcher access of multiple radios based on geographical locations.

Works with TETRA

A miniature module connects to a TETRA radio allowing the software to access many features from the radio remotely.

Monitor Talkgroups

Dispatchers can access all of the talkgroups on each individual radio separately and add them to a list of talkgroups. By dragging and dropping radios from Google Earth maps via the software to the appropriate talkgroup, the operator can communicate with devices in this talkgroup through Push-To-Talk.

Edit Contacts

Operators can add, delete or modify any contact from a selected radio device remotely through the software and view all technical information for that device.



KEY FEATURES

Radio Requirements of Systel TRIM systems

- Communicate with devices in a talkgroup through Push-To-Talk
- Regroup radios based on current location
- Retrieve all information and location at any time upon request
- Add. edit and remove contacts
- Works with Motorola radios

SYSTEM REQUIREMENTS

Requires Tetra network coverage, Motorola mobile radio and a PC with Windows OS (XP/VISTA/Windows 7), .NET framework 2.0, Serial/USB Port Connection and Internet Connection. Remote SDS Control Feature added to the TETRA radios required to control the application. Compatible with Dimetra IP Scalable.

"AS A LEADING PROVIDER OF MISSION AND BUSINESS CRITICAL INFORMATION AND COMMUNICATION SOLUTIONS. WE HAVE THE EXPERIENCE AND EXPERTISE TO DELIVER LEVELS OF NETWORK SECURITY AND RESILIENCE THAT HAVE ONLY BEEN AVAILABLE TO LARGE GOVERNMENT CUSTOMERS"



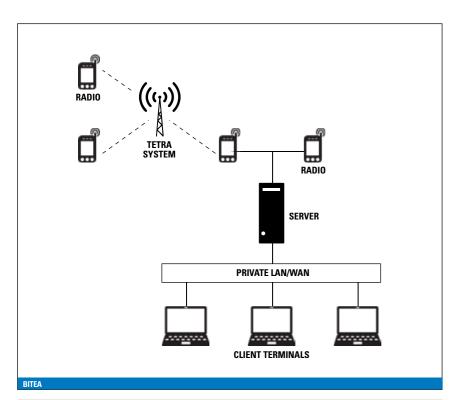
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GPS TRACKING OVER TETRA SOLUTION BITEA



The BiTEA NC1010 GPS Tracking over TETRA software application provides position fixing and tracking of assets using Motorola GPS enabled TETRA radios. A discrete radio to radio tracking facility for small specialist teams in surveillance, fire services and covert operations.



Target Markets

Police, Fire Brigade, Security and Rail

Geographical Scope

Worldwide

Supported Languages

2.19.1011



KEY BENEFITS

Keeping track of assets and targets is a fundamental objective of security and public safety teams. BiTEA systems use ultra reliable GPS data sent over a TETRA network, plotting results on digital mapping solutions to give up-to-the-minute location and tracking information.

Multiple Input Capability

Provides the ability to track both assets and targets on simultaneous multiple split screens using different map types and resolutions. The ability to have multiple local or remote viewers makes this application suitable for a wide range of applications.

Easy Output of Data

Position fixing and asset tracking data can be plotted out on popular digital mapping solutions such as Microsoft MapPoint and Google Earth.

Cost Effective

Offers a low cost, autonomous and discrete solution for covert, emergency and incident command & control operations.

Full Versatility

Advanced features make the application useful for special operations team training and management evaluation of GPS technology over TETRA networks.

Tried & Trusted

Approved for use on the UK Airwave Network.



KEY FEATURES

- Multiple input ports for asset and target tracking
- Multiple Client viewers
- Multiple simultaneous Map windows
- Client Server Architecture
- MapPoint, Google Earth and other mapping interfaces
- Standalone or remote client server applications
- Real time display of reported GPS location data
- Autonomous and discrete operation
- Portable or fixed operation
- Easy setup with user defined icons
- Create and save predefined configurations for different jobs
- Replays log files in real time, slow or high speed
- Track multiple terminals on moving maps
- Dynamically change terminal details or team associations
- Hide active groups or terminals
- Users identified by call sign name
- Approved for use on the UK Public Safety TETRA network
- Over the air changing of terminal ISSI destination and GPS reporting rates

SYSTEM REQUIREMENTS

Designed to use data provided by GPS enabled TETRA terminals and standard NMEA083 compatible devices

Radio Requirements of BiTEA GPS Tracking systems – applicable for all GPS enabled Motorola TETRA radios.

"BITEA IS AN AWARD-WINNING, INNOVATIVE TECHNOLOGY COMPANY SPECIALISING IN THE DESIGN AND MANUFACTURE OF SOFTWARE, HARDWARE ELECTRONICS AND SUPPORT PRODUCTS FOR TERRESTRIAL TRUNKED RADIO (TETRA) NETWORK OPERATORS AND USERS. OUR AIM IS TO OFFER PUBLIC SAFETY ORGANISATIONS COST EFFICIENT, RELIABLE EQUIPMENT AND SUPPORT"



BITEA LIMITED ICS House,

Hall Road, Maldon, Essex CM94LA United Kingdom www.bitea.com



FLEET MANAGEMENT AND VEHICLE TRACKING C-TRACK

OVERVIEW

C-track's GPS/GSM (GPRS) and RF fleet management and vehicle tracking systems provide private vehicle owners and commercial fleet operators with flexible, reliable and scalable solutions. A cost-effective service utilising advanced satellite navigation and security tools to maximise operational efficiency.

KEY BENEFITS

Efficient fleet management is essential for any company or emergency service running commercial vehicle, van and car fleets. C-track allows organisations to optimise operations through fuel savings, reduced CO² emissions and improved security.

Total Fleet Management

C-track GPS/GSM (GPRS) and RF Fleet Management systems are based on latest satellite and telecommunications technology to provide comprehensive real-time data on vehicles to fleet operators and emergency services. C-track utilises the Global Positioning System (GPS) to pinpoint vehicle location and GSM networks to transmit information in real time, 24-hours a day, all year round. Fully scaleable and remotely upgradeable for total mobile flexibility, C-track provides essential information about mobile assets and drivers so organisations can effectively manage their risk.

Vehicle Security

Monitoring and reporting vehicle movement, C-track is renowned as a highly efficient security tool and can prove a crucial link in stolen vehicle recovery. The system has a recovery rate of over 90% and using latest GPS/GSM (GPRS) and RF technology can locate a vehicle to within 4 metres.

Vehicle Tracking Equipment

C-track supply, maintain and fit a range of vehicle tracking devices to report vehicle position and data using GSM, TETRA, Satelite and WiFi. Services fully support Motorola MTM-800 dash mounted radios and TOM-100 embedded modules.



MOTOROLA DIMETRA PARTNER APPLICATIONS CATALOGUE

Resource and Asset Tracking



KEY FEATURES

Target Markets

services

Fleet owners, private

Geographical Scope

UK, Europe, America's, Asia, Africa, incl South

Supported Languages

All languages via

vehicle owners, emergency

SYSTEM REQUIREMENTS

- Several mobile units available
- All units running Mitsubishi 16-bit and 32-bit CPU's
- Wavecom GSM modem and GPS module for accurate vehicle tracking
- Motorola TETRA Radio for safe and reliable communications
- Sectrack Inmarsat D+ Radio
- Back-up battery

Base Station software can be configured on any system from a single Pentium PC acting as a dial-up server to Multi CPU clusters with RAID disks.

Radio requirements of C-track mobile fleet management units — support for Motorola MTM-800 dash mounted radios and TOM-100 embedded modules.

"C-TRACK IS A GROUP COMPANY OF THE JSE LISTED DIGICORE HOLDINGS LIMITED AND WORKS IN PARTNERSHIP WITH ITS CUSTOMERS TO DEVELOP SOLUTIONS THAT DELIVER MEASURABLE BUSINESS AND OPERATIONAL BENEFITS BY PROVIDING TOTAL VISIBILITY AND CONTROL OF MOBILE ASSETS AND MOBILE WORK FORCES."



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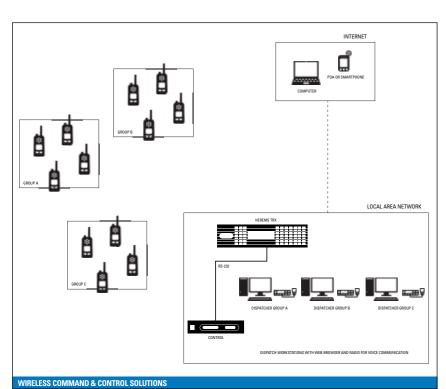


Resource and Asset Tracking

PROFESSIONAL FLEET MANAGEMENT FOR TETRA hermes TRX

OVERVIEW

hermesTRX is a GPS tracking and dispatcher system that allows Motorola TETRA radios to be connected without drivers or additional software. It is an advanced solution equipped with features such as Email notification, integration of digital mapping platforms and direct connectivity for up to two TETRA base radios.



Target Markets

Government, Manufacturing, Transportation, Utilities, Education, Government, Taxi, Courier and Public Safety

Geographical Scope

Worldwide

Supported Languages

English, Spanish, German and French

KEY BENEFITS

Professional fleet management using GPS tracking is vital for optimising efficiency. Utilising the inherent reliability of TETRA, hermesTRX provides highly accurate location information to ensure total workforce mobility.

Plug-and-Play

hermesTRX is a reliable fleet management solution that's easy to access, configure and operate through a built in web-server.

Location Service

Real-time GPS based Location Tracking and the capability to handle up to 250 subscribers with different mapping platforms for worldwide coverage.

Geo-Fencing

Enables a dispatcher to 'ring-fence' the geographical area a subscriber (or group of subscribers) is able to travel around and warn the dispatcher if the demarcation line of the geo-fence is crossed.

Text Messaging

Convenient communications with a web-based, two-way text Messaging Service.

Reverse Geocoding

Provides the ability to take GPS coordinates and convert them into street addresses.

KEY FEATURES

- Built-in web browser for browser based operation
- Multi-user access and remote facility
- A detailed user set-up manual and example CPS files and associated firmware
- No monthly recurring investment costs and no costs associated with software or map licenses
- Built-in record and playback capability
- Flexible Mapping Engine provides the option of choosing OpenStreetMap, ESRI, MapQuest, ArcGIS, National Geographic or Google ™ Earth
- Intel[®] Atom[™] processor N2800
- Ethernet RJ45 interface and integrated RS232 interfaces
- 12V Power Supply (110/220V optional)
- A standard web browser is the only requirement for set up and use of the system
- Compatible with operating systems: Windows 7, Vista, XP, OSX, iPad and Linux
- Vesa, DIN-Rail and Wall Mount options
- Supports Motorola TETRA radios and is compatible with Dimetra IP Compact/Micro and Dimetra IP Scalable
- A standard web browser is the only requirement for set up and use of the system
- Compatible with operating systems: Windows 7, Vista, XP, OSX, iPad and Linux Radio Requirements of the hermesTRX GPS tracking and dispatcher system applicable for all Motorola TETRA radios with GPS enabled.

SYSTEM REQUIREMENTS

"WITH THE LAUNCH OF HERMESTRX ENTERPRISE, MICROCOM IS CONTINUING A SUCCESS STORY WHICH IS WITHOUT PARALLEL IN THE MOTOROLA APPLICATION SEGMENT. SINCE 2007, WHEN THE HERMESTRX WAS FIRST INTRODUCED AT THE MOTOROLA CHANNEL PARTNER CONFERENCE IN CAPE TOWN, THE MUNICH-BASED APPLICATION PARTNER HAS SOLD HERMESTRX IN MORE THAN 50 COUNTRIES."

hermesTRX hermes microcom

Gautinger Str. 26a 82061 Munich-Neuried Germany info@hermestrx.com +49 89 745547 0 www.hermestrx.com



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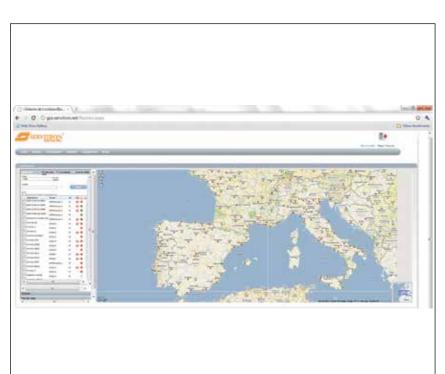




ONLINE TRACKER SOLUTION SERVITRON

OVERVIEW

Servitron Online Tracker is one of the most powerful and comprehensive TETRA asset management platforms in the industry. It is designed for Motorola TETRA radios and enables comprehensive and efficient tracking of resources.



Target Markets

Transportation, Government, Utilities and More

Geographical Scope

Latin America

Supported Languages

English and Spanish



KEY BENEFITS

Being able to pinpoint exactly where your assets are at any point in time is vital for the smooth and efficient running of an organisation. Using Servitron Online Tracker, you benefit from total control of your assets so you can offer your customers the best possible service.

Advanced GPS Tracking

Web-based tracking with easy integration of any GPS hardware and full compatibility with Motorola Dimetra IP systems. Features include Ping-on-Demand, SDS Text Messaging, Google Maps integration, advanced geo-coding and geo-fencing.

Range of Alerts for Quick Response

With low battery alerts, DMO on/off, TMO on, Loss & Recover GPS coverage, enter/exit geofence, Panic Button and Transmit Inhibit on/off, you remain in total control of your assets and can react instantly to issues that may arise.

Full Reporting

Reports including Unit Activity, Unit Daily, Unit Hours Worked, Unit History, Alerts, Hardware Events and Start & Stop Report. Custom reports are available plus you can schedule and e-mail reports or export data.

Complete Asset Management

The optional Servitron Online Tracker Hosted Solution offers a complete asset management platform developed for system operators. As a Service Provider, you can offer your customers a full-featured asset tracking solution that can easily be managed from the administration panel. Enjoy great features and multilanguage support as we oversee and maintain your platform.

KEY FEATURES

- Real-time and historical web based tracking
- · Asset, individual and fleet management
- Vehicle maintenance schedules and reminders
- Extensive alert options and notification services
- Unparalleled geofencing functionality
- Hardened security for full data protection
- Complete and easy-to-use reports
- Hosted solution

SYSTEM REQUIREMENTS

The Servitron Online Tracker for Motorola Dimetra IP is compatible with ASP, .NET, AJAX and SQL Server 2005/2008. It supports SSL and can be easily installed on a Windows Server.

Radio Requirements of the Servitron Online Tracker — applicable for all Motorola TETRA radios with Dimetra IP 6.2 or higher system software.

"SERVITRON IS A MEXICAN BUSINESS, EFFICIENTLY FOCUSING ON THE COMMUNICATION NEEDS OF PRIVATE AND PUBLIC INSTITUTIONS. WITH OVER 15 YEARS OF EXPERIENCE, THE COMPANY IS A LEADER IN THE MEXICAN MARKET WITH HIGHLY QUALIFIED PERSONNEL IN ALL BUSINESS AREAS AND INSTALLATIONS RENOWNED FOR HIGH QUALITY AND SECURITY."

SERVITRON

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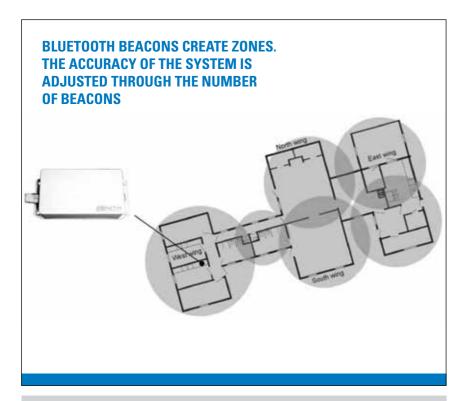
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BLUETOOTH INDOOR POSITIONING SYSTEM (IPS) ZONITH

OVERVIEW

ZONITH IPS is an indoor positioning system for locating and tracking Bluetooth® devices such as TETRA radios, mobile phones, side connectors and tags. An efficient system that monitors workers for safety purposes and assets for improved efficiency.



Target Markets

Public Safety, Oil & Gas, Power Utilities, Heavy Industry, Retail, Security

Geographical Scope

Europe, Asia, North America, Latin America and Australia

Supported Languages

Englist

KEY BENEFITS

Keeping track of personnel working alone and valuable equipment is essential for maintaining safety and performance. ZONITH IPS monitors the unique identity in each Bluetooth device as it moves from zone to zone, detecting movement using small, discretely designed ZONITH Bluetooth Positioning Beacons.

Real Time Positioning

The Beacons are connected to a LAN which offers the fastest and most efficient communication of location data. Any Bluetooth device can be tracked independently and Beacons can be tuned to cover small or large zones. This is the only solution supporting real time indoor positioning without affecting radio network performance.

Immediate Response

Each device is shown on a graphical display with the users name or role. It's easy to zoom from wide area maps to in-building floor plans to find a specific Bluetooth device. If someone has activated a lone worker alarm or panic button, the GUI immediately highlights who is in danger and where they are located.

Cost Effective

Using an existing LAN and standard Bluetooth devices requires no extra investment in unnecessary network infrastructure or expensive proprietary identity devices.

KEY FEATURES

Radio Requirements of the ZONITH Indoor Positioning System — applicable for all Bluetooth enabled TETRA radios.

- Real Time Positioning using Beacons
- Clear Graphical User Interface with personal tracking and zoom features
- Scalable add more Beacons for greater accuracy
- Beacons are available in different antenna configurations and can be tuned to cover up to 100 metres
- Provides a backbone for System Integrators to create intelligent location based services such as emergency response, panic alerting, guard touring and lone worker
- Supports Personal Emergency Alarming control room staff are instantly alerted through the graphical display or by text on TETRA radios or mobile phones when a worker activates a TETRA radio emergency alarm
- Can be used to create 'Safe Areas' if someone leaves a 'Safe Area', IPS will
 automatically activate Lone Worker for safety purposes and deactivate the service
 when the person returns

SYSTEM REQUIREMENTS

The ZONITH IPS is entirely IP-based and only requires LAN connection and an IP Router/Switch

"FOUNDED IN 2000 BY A GROUP OF NOKIA ENGINEERS, ZONITH A/S DEVELOPS SOFTWARE THAT MAKES LIFE EASIER FOR PROFESSIONALS WHO HAVE TO DEAL WITH ALARMS. WE SPECIALIZE IN ALARM HANDLING AND NOTIFICATION SOLUTIONS, SOLVING TASKS AT ALL LEVELS OF COMPLEXITY, RANGING FROM SIMPLE NOTIFICATION SOLUTIONS TO LARGE ALARM HANDLING SYSTEMS. ZONITH PROVIDES VALUE ADDED SOFTWARE APPLICATIONS THAT MAXIMISE THE BENEFITS OF TETRA TO IMPROVE THE SAFETY, SECURITY AND SITUATIONAL AWARENESS OF PUBLIC AND PRIVATE SECTOR EMPLOYEES."

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Resource and Asset Tracking

OFFSHORE WIND FARM PERSONNEL TRACKING SOLUTION 20 NITH

OVERVIEW

ZONITH Offshore Wind Farm Personnel Tracking Solution is a Dimetra based system that monitors where maintenance and service engineers are located at all times. An essential solution that combines TETRA radios and RFID readers to ensure the safety of personnel working in difficult and often isolated environments.



Target Markets

Offshore Wind Farm Operators

Geographical Scope

Europe

Supported Languages

Englis

ZUNITH

KEY BENEFITS

Efficiency and a constant focus on safety are vital aspects of maintaining wind farms. The ZONITH Offshore Wind Farm Personnel Tracking Solution provides Wind Farm operators with accurate information about engineer location to ensure their safety at all times, whether travelling on a vessel or working on a wind turbine platform.

Simple Swipe-in System

Each engineer has an RFID swipe card and a GPS enabled TETRA radio. On boarding a vessel, they simply swipe their identity card on the ZONITH RFID Swipe Card unit.

Centralised Monitoring – Engineer 'On Vessel'

Using TETRA SDS messaging, the unit dispatches swipe-in data and the GPS location of the vessel to a central Wind Farm Manager application on the mainland, which then verifies the information and returns a TETRA SDS message By acknowledging this message, engineers confirm their location via the GPS position of their radio.

Centralised Monitoring – Engineer 'On Wind Turbine Platform'

As the vessel travels towards the wind farm, it enters a geo-fenced area surrounding the fixed location of a particular turbine. The engineer is asked to swipe his identity card on the ZONITH RFID Swipe Card unit to verify he will disembark and enter the wind turbine. This is acknowledged via TETRA radio by the Wind Farm Manager.

Easy and Flexible Configuration

The system is highly scalable for monitoring small and large scale wind farms. The solution can be enhanced to include ZONITH lone worker services and automatic emergency alarm monitoring for identifying the location of personnel in distress.

KEY FEATURES

Radio Requirements of the ZONITH Offshore Wind Farm Personnel Tracking Solution – applicable for all TETRA radios.

- Tracks personnel when boarding and disembarking a Wind Farm service vessel
- Verifies personnel locations using RFID and TETRA GPS messaging
- Ensures accurate location data using geo-fences at each wind turbine
- Interfaces directly to the MOTOROLA Dimetra short data router

SYSTEM REQUIREMENTS

Interfaces to Dimetra via a Motorola Dimetra Short Data Router interface and Mobile TETRA radio PEI interface. The solution is based on a standalone ZONITH.

"FOUNDED IN 2000 BY A GROUP OF NOKIA ENGINEERS, ZONITH DEVELOPS SOFTWARE THAT MAKES LIFE EASIER FOR PROFESSIONALS WHO HAVE TO DEAL WITH ALARMS AND STAFF SAFETY. ZONITH SPECIALIZES IN ALARM HANDLING AND NOTIFICATION SOLUTIONS, SOLVING TASKS AT ALL LEVELS OF COMPLEXITY, RANGING FROM SIMPLE NOTIFICATION SOLUTIONS TO LARGE ALARM HANDLING SYSTEMS. ZONITH PROVIDES VALUE ADDED SOFTWARE APPLICATIONS THAT MAXIMISE THE BENEFITS OF TETRA TO IMPROVE THE SAFETY, SECURITY AND SITUATIONAL AWARENESS OF PUBLIC AND PRIVATE SECTOR EMPLOYEES."

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System Management and Monitoring



GENWATCH3® NETVISTA PERFORMANCE MANAGEMENT SOLUTION GENESIS GROUP

OVERVIEW

The Genesis Group GenWatch3® NetVista Solution interacts with and reports on ATIA (Air Traffic interface Application) activity via TCP/IP. Live activity can be viewed anywhere using LAN, WAN or high speed VPN connections on all channels and sites for efficient network management and monitoring.

KEY BENEFITS

Reliable and accurate access to live data is essential for network operators looking to efficiently maintain their network. NetVista displays a number of indicators to show when a site may have temporary problems including audible and visual Local Site Trunking and Live BUSY alerts. Reports highlight where action needs to be taken.

Instant Reporting Saves Costs

Network operators can run reports on the specified radio and determine where the user was working and at what time. From this information a decision can be made to either dispatch an engineer or report the information back to the user with an expected resolution time and close the incident report.

Around the Clock Coverage

A continually maintained report shows levels of traffic through all sites in 12 or 24 hour segments over a user defined period. By colour coding low or zero traffic, it is very clear when a site may be affected by interference or has gone into Local Site Trunking. Useful for claiming credits when service levels fall short of contractual requirements.

Spots Unauthorised Listeners

If a radio does not make a transmission, it may not appear on reports that are run over a 12 or 24 hour period. The application identifies possible unauthorised users who never change talkgroup, never switch off, never move or fail to provide new affiliation data. GenWatch3 NetVista can produce details on these unauthorised listeners and provide assistance in identification.

Easy to Use

Very easy to monitor and manage with screens for 'Channel Status', 'Activity' displaying everything that is happening on a system in real time, 'Group View' showing detailed Talkgroup data and 'System Activity Summary', an at-a-glance view of how the Dimetra network is operating.

Target Markets

Public Safety, Police, Ambulance, Fire, Utility Companies

Geographical Scope

Europe, Asia, North America, Latin America, Australia & New Zealand

Supported Languages

English (Reports can be presented in any language that is supported by MS

FEATURES

- The home for all ATIA-based reports GenWatch3 NetVista reports are built with Microsoft Excel® and are easily customizable in hundreds of variations based on the setup screen for each report
- Channel Status fully customisable in a multiple of configurations including font sizes, colours, panel sizes, background images, information displayed and more
- Activity Screen displays everything that is happening on a system, the instant it happens, with the ability to filter and colour code ATIA data and pause/resume action in real time
- Group View displays the radio ID, Alias, Date and Time of the last call, a special location field (not GPS) and a tag that identifies a radio in a special way; the All Activity window shows PTT activity in time order for all Talkgroup windows that
- System Activity Summary helps operators see what is happening at a glance on a screen that quickly shows the most important system statistics from a wide range of historical time windows.

SYSTEM

MOTOROLA

Requires a LAN connection to the ATIA output from the zone controller and requires the ATIA output to be licensed and available. It is designed and tested for Dimetra IP, Dimetra IP Micro and Dimetra IP Compact.

Radio Requirements of the Genesis Group GenWatch3 NetVista Solution – No specific TETRA radio requirements.

"THROUGH OUR STATE-OF-THE-ART SOFTWARE, WE PROVIDE THE TOOLS TO MAXIMISE THE CAPABILITIES OF COMMUNICATION SYSTEMS. FLEXIBLE, MULTI-FEATURED AND MODULAR, GENESIS SOLUTIONS ARE THE INDUSTRY STANDARD IN PERFORMANCE MANAGEMENT SOFTWARE. THEY ARE THE MOST EFFECTIVE WAY TO COMPREHENSIVELY MONITOR, MANAGE, DISPLAY, ARCHIVE AND REPORT ON COMMUNICATION SYSTEM DATA".

601 Shelley Drive, Suite 202 Tyler, Texas, 75701 www.genesisworld.com



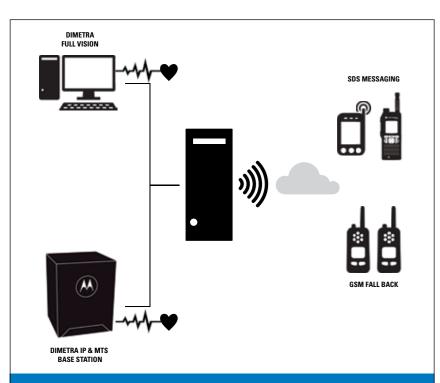




DIMETRA FULL VISION SYSTEM ALIVE CHECKER ZONITH

OVERVIEW

ZONITH Full Vision System Alive Checker is a Dimetra compatible software package that monitors both the Full Vision Network Monitoring system and Dimetra base station. An efficient alarm control system that ensures the network is always fully operational for maximum effectiveness.



Target Markets

Offshore Oil & Gas and Petrochemical industry

Geographical Scope

Europe, Asia, Latin America, Australia, Canada and Greenland

Supported Languages

Englisi

KEY BENEFITS

Keeping your network fully operational is vital in order to maintain safety and efficiency. ZONITH Full Vision System Alive Checker monitors your network and the Dimetra base station, checking alarms and polling the Full Vision server to confirm all is running smoothly. Any network failures are intelligently communicated to the technical resource team by TETRA or GSM messaging.

Constant Monitoring

Monitors alarms and regularly poles the Full Vision server to ensure that the network is fully operational.

Intelligent Communication

When an alarm is raised or a network failure arises, the ZONITH application will intelligently notify the technical resource team using TETRA or GSM messaging.

Easy Connection to Dimetra

ZONITH software interfaces with the Dimetra network via a short data router.

Safe and Efficient

A safe solution with communication between Full Vision and the Alarm Control System monitored via "heart beats".

KEY FEATURES

Radio Requirements of the Dimetra Full Vision System Alive Checker – applicable for all TETRA radios with display.

- Instant notification from FullVision to the network administrator on duty
- Quick response to network faults
- Notifications and escalations based on ZONITH Watch Scheduler
- Communication via TETRA or GSM messaging
- Alarm notification escalates to GSM if there is a failure in the Dimetra network or if the maintenance staff is out of TETRA coverage
- Preventive maintenance alerts from FullVision are communicated to maintenance staff before the fault actually appears
- Early response from 1st, 2nd and 3rd line support as they can be notified via SMS or Fmail
- Safe solution as the communication between FullVision and the Alarm Control System is monitored via "heart beats"

SYSTEM REQUIREMENTS

Interfaces to Dimetra via a Direct Short Data Router interface and Mobile TETRA radio PEI interface. The solution is entirely Windows based and requires a Windows Server and interfacing hardware.

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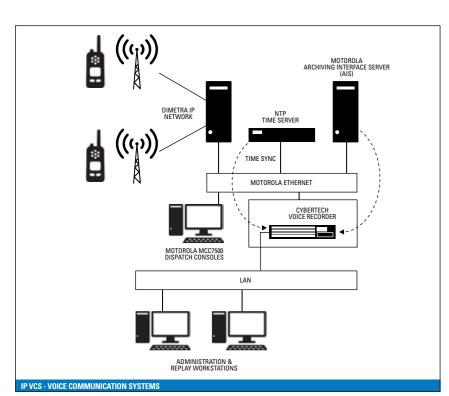
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Voice Recording Systems

DIMETRA IP VOICE RECORDING SOLUTION MOTOROLA WITH CYBERTECH

OVERVIEW

Provided as part of a Motorola Dimetra system, CyberTech Voice Recording systems record group, private and telephone interconnect calls and associated call details. A dedicated data recording solution for control centres that is comprehensive, accurate and tamper-proof.



Target Markets

Police, Fire, Ambulance, Government, Industry, Transport and Utility

Geographical Scope

Europe, Asia, Latin America and North America

Supported Language

English, German, French, Dutch, Italian, Spanish, Portuguese, Japanese, Korean, Chinese (simplified & traditional), other languages available at customers request

CYBERTECH

KEY BENEFITS

Voice and data recording ranks as the number one application in mission-critical trunked radio systems. Based on efficient IP technology, CyberTech voice recording solutions are inherently reliable and secure against unauthorised access.

Reliable Interface

The interface between the Motorola Dimetra system and the CyberTech recorder is an Ethernet LAN connection to the Motorola Archiving Interface Server (AIS) using a remote Motorola MCC7500 Console Dispatch Application Programming Interface (API).

Secure Storage

Audio is stored in TETRA ACELP format and calls are optionally encrypted using 256 Bit Rijndael AES audio encryption with MD 5 fingerprinting for authenticity. All data captured is stored in industry standard file formats to remain secure and accessible even if the recording equipment becomes obsolete.

Incident Replay Application

This application is used in control rooms to search for and replay recordings from a variety of communication sources including radio and fixed or mobile telephones. It allows quick and easy analysis of specific emergency situations where simultaneous replay of all communications is required to accurately reconstruct incidents. Benefits include time savings for faster resolutions, enhanced operational efficiency and improved training opportunities.

KEY FEATURES

- Supports the Motorola MCC7500 'Archiving Interface Server' (AIS) voice logging interface
- AIS supports recording of group calls (Dimetra R6.1, R6.2, R7.0, R7.1) and individual calls (Dimetra R6.2, R7.0, 7.1)
- Maximum of 120 concurrent calls can be recorded (group + individual)
- 256 group targets can be monitored per AIS
- 1000 (Dimetra R6.2, R7.0) or 3000 (Dimetra R7.1) radio targets can be monitored per AIS
- Critical resources (groups / radios) given priority over non critical (normal) resources during busy periods
- Recording of End-to-End encryption (E2EE) supported.
- Secure replay of E2EE calls using integration with the Motorola CryptR, Key Management Facility (KMF) and Audio Processing Entity (APE)

SYSTEM REQUIREMENTS

Requires LAN connection to Motorola Archiving Interface Server (AIS).

Supported on Dimetra IP and Dimetra IP Micro systems. No specific radio requirements.

Radio Requirements of CyberTech Voice Recording systems — applicable for all Motorola TETRA radios

"CYBERTECH INTERNATIONAL LEADS THE VOICE LOGGING AND COMMUNICATIONS RECORDING INDUSTRY AND IS A RECOGNISED INNOVATOR OF VOICE RECORDING AND QUALITY MONITORING APPLICATIONS. CYBERTECH OFFERS A FULLY TESTED INTEGRATION WITH THE MOTOROLA DIMETRA R5, R6 & R7 SYSTEMS."

Contact your local Motorola representative for further details.



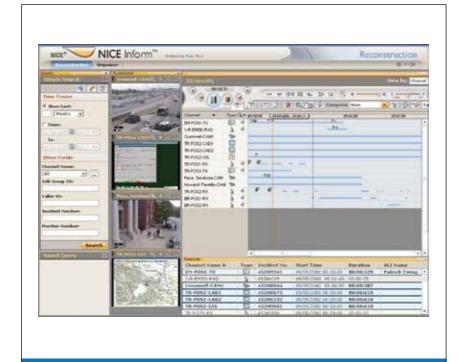
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TRUNKED RADIO AND INCIDENT INFORMATION MANAGEMENT MOTOROLA WITH NICE SYSTEMS

OVERVIEW

The MCC 7500 IP Logging Recorder and Archiving Interface Server provided by Motorola in partnership with Nice Systems offers a mission-critical IP-based digital logging solution for Dimetra System Release 6.x and 7.x and Dimetra IP Compact trunked radio systems. A fully integrated and certified IP radio recording and replay service for first responders and control centres.



Target Markets

First Responders in Police, Fire Brigade and Emergency Services plus Rail and Control Centres

Geographical Scope

Europe, Asia and Latin America

Supported Languages

English, French, German, Spanish and simplified Chinese

NICE®

KEY BENEFITS

Capturing vital information including radio ID, alias and talk group from every call is critical for fast, efficient incident response. Based on reliable IP technology, NICE trunked radio and incident information management systems process data quickly to help dispatchers take the most appropriate and immediate action.

Certified for Dimetra

Designed to work with the MCC 7500 Dispatch Console, this is the only fully integrated and certified IP radio recording and replay solution for Motorola Dimetra v6.x and v7.x radio systems.

Fully Digital

Audio is recorded in its native vocoded format and stored in the exact form in which it was passed through the radio system. This eliminates any degradation for optimal audio quality.

Safe and secure

Secure capability to the dispatch console and archiving interface server provides true end to end encryption for the highest possible security.

Graphical icon display

Tasks or events performed by the dispatcher such as emergency alarms, supergroup patches and changing tactical or normal selection on a talkgroup are presented as graphical icons in the NICE Inform™ application.

NICE Inform™ Incident Information Management

Captures incident information such as audio (radio, telephony, VoIP, digital or analog), video, CAD or GIS that may be relevant for investigation, evaluation or training purposes.

KEY FEATURES

- Monitors and verifies communications and interactions
- Captures any source of information including telephony, radio, video, screen, radar and VoIP
- Records and stores all multimedia inputs while appending relevant additional electronic content such as pictures, reports, texts and faxes in one place
- Advanced search parameters for all multimedia inputs reviewers and investigators can locate an incident and associated data with pinpoint accuracy, saving time and resources
- Reconstructs a 360° real-time view and consolidates multimedia in a single view, exactly as it happened
- Organises specific and relevant incident and event information by Incident Folder, allowing instant and secure web-based access for authorised users
- Flexible, rapid and secure information sharing by DVD or email
- NICE InformTM Media Player encrypts, authenticates, reviews and replays incident information offline or by external officials

SYSTEM REQUIREMENTS

- Supports Motorola MCC 7500 IP Consoles and Motorola Archiving Interface Server (AIS)
- Support for Dimetra IP and Dimetra IP Compact systems.

Radio Requirements of NICE Trunked Radio and General Audio Recording and Incident Information Management Solutions — all Motorola TETRA compliant radios.

"NICE SECURITY SOLUTIONS EMPOWER ORGANISATIONS TO ACT EFFECTIVELY IN REAL TIME TO PREVENT, MANAGE AND INVESTIGATE INCIDENTS, ENSURING FAST RESOLUTION AND DEBRIEFING, AND CONTINUOUS SECURITY IMPROVEMENTS."

Contact your local Motorola representative for further details.



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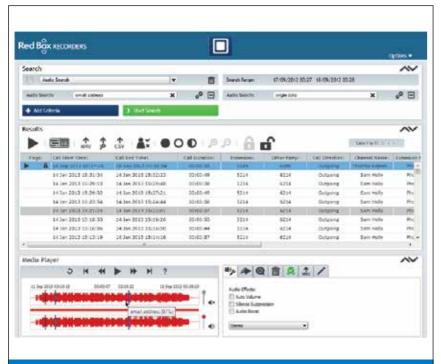


Voice Recording Systems

QUANTIFY RECORDING SUITE RED BOX

OVERVIEW

Red Box's Quantify Recording Suite is a flexible, scalable and easy to deploy solution that enables communications data from a mixture of telephony types to be captured, archived retrieved and analysed. It is fully compatible with Motorola's Dimetra IP system for hassle-free integration.



Target Markets

Public Safety, Public Sector, Transportation

Geographical Scope

Europe, Asia, North America and Latin America

Supported Languages

English, French, Spanish and Portuguese

KEY BENEFITS

Reliable data and voice recording is vital for monitoring incidents and providing accurate reporting, for both legal and regulatory purposes. Using Quantify Recording Suite, communications can be captured and securely stored, regardless of the number of channels that need to be recorded.

Designed for Mototola AIS

Integrates with Motorola AIS to allow recording of talkgroups and ISSIs. Along with the actual audio for the transmissions, the following information can be stored in the database as fully searchable data: Talkgroup, ISSI (Radio ID, Radio Alias), Start Time, Fnd Time and Call Duration.

Visual Timeline

Easily reconstruct events from multiple sources to form a visual timeline of events and place important communications in Quantify CallSafe so that they are exempt from a standard retention cycle.

Accurate audio search

Using Phoentic search, quickly and accurately mine large volumes of recorded voice content to retrieve communications for investigation and dispute resolution.

KEY FEATURES

- Fully compliant with the Motorola Dimetra IP system
- Records audio transmission, Talkgroup, ISSI (Radio ID, Radio Alias), Start Time, End Time and Call Duration
- Full search and replay functions
- Easy to setup and use with web-based interface no specialist knowledge required
- Efficient workflow for simple and effective use of time
- Phonetic Search for guick and accurate audio retrieval

SYSTEM REQUIREMENTS

The Quantify Recording Suite for Dimetra is entirely IP-based and only requires IP connectivity to the Motorola AIS server. A list of all required Talkgroups and ISSIs to be recorded needs to be provided so that the recorder can register an interest in them with the AIS. The recorder should be licensed for Motorola recording.

Radio Requirements of the Red Box Quantify Digital Voice Recording Solution — applicable for all Motorola radios via the Archiving Interface Server (AIS).

Compatible with Dimetra IP Compact on System Release 7.0 and 8.0.

"RED BOX RECORDERS IS A GLOBAL PROVIDER OF VOICE AND DATA RECORDING SOLUTIONS THAT SOLVE TECHNICAL AND COMPLEX BUSINESS CHALLENGES IN THE SMARTEST AND MOST EFFECTIVE WAY POSSIBLE. THE COMPANY'S ADVANCED AND PROVEN SOLUTIONS ENABLE THE CAPTURE, AUTHENTICATION, ANALYSIS AND EVALUATION OF MULTIMEDIA COMMUNICATIONS, FROM A WIDE RANGE OF DATA SOURCES INCLUDING FIXED-LINE AND MOBILE CALLS, RADIO, SCREEN RECORDINGS AND SMS.

RED BOX SOLUTIONS CAN BE FOUND THROUGHOUT THE WORLD AND ARE SUPPORTED BY ITS ESTABLISHED GLOBAL INFRASTRUCTURE AND A NETWORK OF OVER 300 PARTNERS TO DELIVER THE HIGHEST LEVELS OF QUALITY, SERVICE AND SUPPORT."





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United Kingdom info@redboxrecorders.com

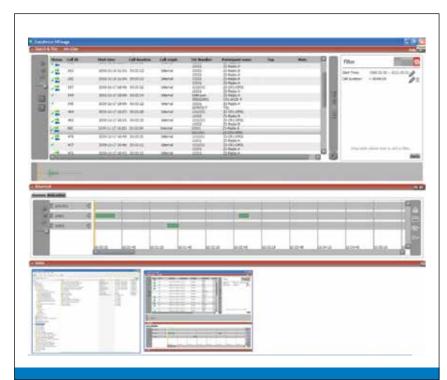
+44 (0)115 937 7100 www.redboxrecorders.com



FULLY INTEGRATED DATAVOICE COMPLIANCE RECORDING SOLUTIONS SPESCOM

OVERVIEW

The Spescom DataVoice Compliance Recording Solution for Dimetra allows reliable and resilient recording for mission-critical TETRA applications. A high performance system, it provides all the tools required to assist with rapid response and incident reconstruction.



Target Markets

Police, Fire, Rail, Defence, Utilities, Emergency Services

Geographical Scope

EMEA and Latin America

Supported Languages

Multi-language support - English, German, French, Italian and Arabic



KEY BENEFITS

Reliable data and voice recording is vital for monitoring incidents and providing accurate reporting. Integrating with the Motorola AIS server, Spescom DataVoice seamlessly records all communication channels into one enterprise recording system to provide legally admissible records and incident logs.

Multiple Channel Recording

Integrates with and records all channels including radios, end-to-end-encrypted (E2EE) TETRA radios, analogue phones, digital phones and primary rate telephony trunks.

Total Flexibility

Spescom DataVoice records talk groups as well as Private and Interconnect calls and caters for multizone and roaming implementations of Dimetra R7.1.

Integrates with Full DataVoice suite

Including central access to enterprise-wide communication recording, operator workstation screen recording, operator performance evaluation and convergence of traditional telephony, IP telephony and radio communication recording in one system.

Easy to use

A choice of feature-packed user interfaces, each designed with ease of use, minimal training time and superior functionality in mind.



KEY FEATURES

- Supports mixed recording of analogue lines, digital lines, proprietary digital lines, primary rate E1 trunks or radios on a single platform
- Fully supports the Dimetra critical resource feature and recording or playback of Dimetra End-to-End-Encrypted (E2EE) radio channels
- Captures rich radio network call information from the AIS interface
- Single recorder can connect to multiple AIS servers for effective resource utilisation
- Multiple recorders and recordings in different geographical locations can be viewed, managed and stored in a central unified database
- System can handle very high TETRA traffic or short PTT (Press To Talk) TETRA radio bursts in real-time
- Enforces security down to the "Radio ID" or user level within a talk group
- System access is via secure, encrypted HTTPS connections
- Records TETRA audio in its native ACELP format to preserve quality and reduce storage requirements
- Allows for the grouping of successive PTT segments for the same talk group into a single recording to simplify search and playback
- Each PTT segment can be configured separately so all audio for a specific operator can be singled out, even if the operator was part of multiple talk groups

SYSTEM REQUIREMENTS

The DataVoice Compliance Recording Solution for Dimetra is entirely IP-based and only requires IP connectivity to the Motorola AIS server.

Radio Requirements of the Spescom DataVoice Compliance Recording system — applicable for all radios or consoles compatible with a supported Motorola Dimetra version.

"SPESCOM DATAVOICE DESIGNS AND DEVELOPS PROPRIETARY SOLUTIONS THAT RECORD, MANAGE, RE-CREATE AND ANALYSE VOICE AND SCREEN TRANSACTIONS. WE ALSO OFFER COMPREHENSIVE PERFORMANCE MANAGEMENT SOLUTIONS, CUSTOMER QUALITY ASSURANCE RESEARCH AND OTHER PROFESSIONAL SERVICES. OUR SOLUTIONS ARE TAILORED TO ENHANCE COMMUNICATION BETWEEN ORGANISATIONS AND THEIR CUSTOMERS AND SUPPORT BUSINESS PROCESSES, ASSISTING THEM TO MEET SECURITY, LEGAL AND GOVERNANCE REQUIREMENTS, MITIGATE RISK, OPTIMISE WORKFORCE PRODUCTIVITY AND ENSURE QUALITY CUSTOMER INTERACTIONS."

MOTOROLA

SPESCOM

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TETRA VOICE LOGGER AND ARCHIVING SYSTEM SYSTEL

OVERVIEW

Systel TETRA Voice Logger is a compact, reliable and entirely self-contained system for recording, archiving, searching and replaying radio communications. An effective way of logging and organising important information.



Target Markets

Public Safety and Private Companies

Geographical Scope

Europe, MEA

Supported Languages

English and Arabic



KEY BENEFITS

Recording and storing important radio communications for later use enhances your efficiency and helps you track events. Systel TETRA Voice Logger is the first remote recording system that can work without direct connection to the TETRA system core network. It's a reliable way of safely storing radio communications for future needs.

Fast and Easy Access

Live monitor allows you to search and replay calls from the built-in search tool and audio player.

Simple Graphical User Interface and Navigation

Your solution can be managed via three taps (Monitor, Aliases and Back up). Call replay buttons (play, next, previous, stop and continuous play) are also included.

Long Term Storage & Archiving

Store up to 10,200 hours of 88 kbps clear audio onboard. Automatically archive calls at pre-set intervals to CD/DVD media. Optional Blu-Ray archiving provides ultra-high capacity storage.

Reliability

Built-in events and alarms logger makes it easy to track your radio's event history.

Easier to Manage

Assign aliases for your radio ID's and talkgroups then manage and search messages using those aliases.



KEY FEATURES

Field Radio Requirements of Systel TETRA Voice Logger – applicable for all Motorola TETRA radios.

Control Room Radio Requirements of Systel TETRA Voice Logger – applicable for Motorola MTM800E TETRA radio - dedicated for each talkgroup to be recorded.

- Stand alone system with no direct connection required to the Dimetra system
- Efficient message recording and management with recording triggered by message activation - each message is saved in a separate (.wav) file which is playable on most operating systems and indexed with calling radio ID, talkgroup, message duration, message time and date
- Powerful message filtering and search tools enable user to filter messages by talkgroup (single or range), talkgroup alias (if assigned), radio ID (single or range), radio alias (if assigned), message duration, message time and date.
- Recording is message activated so recording starts with the message setup signaling and stops with the message terminate signaling
- Supports both Trunk and Direct modes

SYSTEM REQUIREMENTS

Requires TETRA network coverage (for trunk mode). Compatible with Dimetra IP Scalable.

"AS A LEADING PROVIDER OF MISSION AND BUSINESS CRITICAL INFORMATION AND COMMUNICATION SOLUTIONS, WE HAVE THE EXPERIENCE AND EXPERTISE TO DELIVER LEVELS OF NETWORK SECURITY AND RESILIENCE THAT HAVE ONLY BEEN AVAILABLE TO LARGE GOVERNMENT CUSTOMERS"



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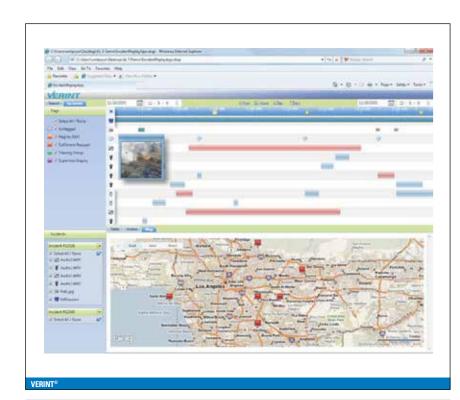
www.systel.com.eg



AUDIOLOG™ FOR PUBLIC SAFETY VERINT®

OVERVIEW

Verint® Audiolog™ is an advanced digital recording, evaluation and archiving solution that captures interactions from multiple information sources. Audiolog is designed to help first responders, public safety organisations and control rooms perform more effectively with maximum compliance and minimum risk.



Target Markets

Public Safety Answering Points and Command and Control Centres

Geographical Scope

Europe. Asia and Latin America

Supported Languages

English, Spanish, Italian, German, Japanese and Simplified Chinese

KEY BENEFITS

Up-to-the-minute information is critical for public safety organisations and command and control centres. Based on the Motorola DIMETRA R6.2 TETRA infrastructure, Audiolog provides reliable digital recording, playback and archiving with multichannel event reconstruction and full search capabilities. Audiolog offers first responders a dedicated solution for faster decision making and improved performance.

Faster Investigations

Audiolog provides full-time, on-demand, scheduled and criteria-driven recording with rapid access to recordings to help speed up investigations and reduce liability.

Multiple Information Sources

Audiolog captures relevant information from traditional, wireless, radio and IP calls including photos, text/SMS messaging, videos, TTY and more.

Flexible Storage

With flexible storage capabilities, Audiolog allows large volumes of calls to be retained using industry-standard technologies.

KEY FEATURES

Certified by Motorola for Dimetra R6.2 TETRA Infrastructure

- Records talkgroup, telephone interconnects, half duplex and full duplex private calls
- Searches for calls by talkgroup, radio ID, primary alias, call type, date and time
- Searches for cans by talkgroup, radio ib, primary alias, can type, date and time
 Provides multichannel event reconstruction and playback with date/time
- Makes over 100,000 hours of recordings available online (ACLEP format)
- Provides live monitoring of talkgroups
- Archives voice transmissions and associated data to the same removable media or NAS

SYSTEM REQUIREMENTS

Interface Specifications

- Tightly integrated for optimum performance
- Ethernet interface to Motorola Archiving Interface Server
- Supports up to 100 or more concurrent recording channels
- State-of-the-art IP-based recording

Server Specifications

- Microsoft Windows Server 2008 R2 64-bit
- Microsoft SQL Server 2008
- 4U rack-mount chassis
- Intel Xeon Quad-core CPU
- 4 GB memory
- High reliability server-grade RAID controlled hard disk drives
- Dual gigabit Ethernet
- Redundant power supplies

Radio Requirements of Verint Audiolog — Motorola Dimetra R6.2 TETRA trunked radio infrastructure using an IP interface to connect to the Motorola Archiving Interface Server (AIS) for requesting RTP streams of all radio communications.

"VERINT SYSTEMS IS A GLOBAL LEADER IN ACTIONABLE INTELLIGENCE® SOLUTIONS AND VALUE-ADDED SERVICES. OUR SOLUTIONS ENABLE ORGANISATIONS OF ALL SIZES TO MAKE TIMELY AND EFFECTIVE DECISIONS TO IMPROVE ENTERPRISE PERFORMANCE AND MAKE THE WORLD A SAFER PLACE."

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ADEO EMO MOBILE OFFICE SOLUTION EUROCOM

OVERVIEW

The ADEO EMO and EMOplus automotive PC applications developed by Eurocom are complete mobile office solutions for efficient vehicle management. Reliable systems that include on board camera, SDS Manager and navigator functions.



DEO EMO MOBILE OFFICE SOLUTION

Target Markets

Police, Ambulance, Security Services, Escort Services, Fire Brigade and Army

Geographical Scope

Europe, Asia, Latin America and North America

Supported Languages

English and Italian

adeo

KEY BENEFITS

Efficient organisation and management of vehicle fleets is an essential component for a rapid response emergency service. Utilising TETRA or GPRS/3G technology, ADEO EMO solutions keep track of vehicle location and provide seamless communications to ensure the best possible information and fastest response to an incident.

Reliable Networks

The EMO device is constantly connected to the Central Unit through a TETRA or GPRS /3G network or any upto-date technology installed on emergency vehicles.

Seamless Communications

The central unit determines the location of vehicles and transfers or receives files including documents, images and video through the network.

Full Camera Support

Connect up to 3 cameras on a vehicle including remote pan tilt cameras to record video and send footage instantly back to the Central Unit.

Easy-to-Use GPS

A touch-screen GPS navigator and touch screen interface allows easy interaction with all other applications. Destinations can be entered locally from the touch screen or remotely from the Central unit regardless of vehicle location using the TETRA data packet gateway.

Expandability

EMOplus is an enhanced application with a wide range of communications ports including Ethernet, RS-232, USB, VGA and digital I/O. Capable of transmitting data through many radio carriers using different technologies such as DMR, TETRA, Wi-Fi, GSM/GPRS and HSDPA.

KEY FEATURES

- Automotive environment hardware featuring fan-less CPU, solid-state HD, 12V sequential power supply and anti-vibration mounts system
- Up to 3 on-board cameras
- GPS Navigator
- Positioning device
- UMTS or TETRA connection
- Password protection
- Optional equipment includes FM radio, rear view camera, Skype® phone with customisable contact list, web browser, I/O relay output board, wearable wireless microphones and Office Documents Manager
- EMOplus allows exchange of chained SMS messages using different technologies such as TETRA, GPRS or DMR plus exchange of data in point-topoint and transparent mode or point-to-point topology
- EMOplus features store and forward functionality, extended touch screen keyboard or silicon flexible keyboard and database queries

SYSTEM REQUIREMENTS

Supports TETRA and GPRS/3GMAN networks or any up-to-date technology installed on emergency vehicles. EMO is designed for use in automotive environments that conform with the 95/54/CE Directive. EMOplus transmits data across a variety of radio technologies includings DMR, TETRA, Wi-Fi, GSM/GPRS and HSDPA.

Radio Requirements of Eurocom ADEO EMO software — applicable for all Motorola TETRA radios

"OUR MISSION IS TO KEEP A HIGH LEVEL OF CUSTOMER SATISFACTION THROUGH CONTINUOUS INNOVATION AND TECHNOLOGICAL IMPROVEMENT, ALLOWING COMMUNICATION EVERYWHERE."



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Workforce Mobility Solutions

TETRA AND 3G ENABLED MULTIBEARER COMPUTERS TETRATAB

OVERVIEW

TETRAtab multibearer computers enable data applications to be used on a TETRA or 3G network. This secure mobile data solution provides an up-to-date mobile platform for public safety services to achieve swift and accurate data transfer in a sensitive environment.



Target Markets

Fire, Police, Ambulance, Telemetry and Private TETRA Networks

Geographical Scope

EMEA

Supported Languages

All languages supported by Microsoft Windows

KEY BENEFITS

Ensuring secure information flows between control centres and teams in the field is a critical objective for fast, efficient response. Using fully integrated TETRA technology, TETRAtab solutions offer safe transfer of data to help dispatchers and teams take the most appropriate and immediate action.

Safe and secure

Industry-leading technology and expertise combine to provide safe data flows between dispatch consoles and mobile devices with end to end encryption for the highest possible security.

Choice of Devices

With an ultra compact 7" or rugged 10" TETRA/3G handheld computer tablet available, end users can choose the device that best matches their needs. Both come with car docking capability as standard.

Ultimate Portability

The Motorola USB TETRA radio modem is the world's smallest for use anywhere. Secure and light, TETRAtab offers a mobile but feature rich solution that's ideal for the challenges faced by today's public safety services.

KEY FEATURES

SYSTEM REQUIREMENTS

- Utilises TETRA/3G networks for total security and efficiency
- T Series 7" TETRA/3G handheld computer tablet with car docking
- R Series 10" rugged TETRA/3G computer tablet with car docking
- U Series USB TETRA Modem for use anywhere
- M Series Low power TETRA Telemetry PC with car fixing capability
- All devices use Motorola TOM 100 TETRA Radio Modem
- Devices conform to TETRA standards in the 380-430 Mhz bands
- Clients must hold TEA licence to be able to handle encrypted product

Radio Requirements of TETRAtab Solutions – all devices use the Motorola TOM 100 TETRA Radio Modem.

"TETRATAB OFFERS A SECURE, LIGHTWEIGHT, COMPACT YET FEATURE RICH SOLUTION TO THE MOBILE DATA CHALLENGE IN THE PUBLIC SAFETY ENVIRONMENT. THE COMBINATION OF POWERFUL BRANDED TECHNOLOGY AND THE INGENUITY OF THE TETRATAB TEAM HAS RESULTED IN A MARKET LEADING PACKAGE."

TETRAtab



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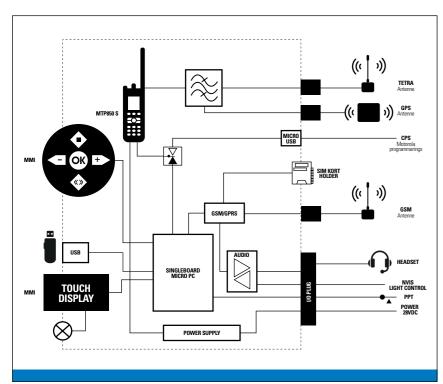


Tolkiolog Mobility Columbia

ZENICOPTER ZENITEL

OVERVIEW

ZeniCopter is an easy-to-use interoperable communications platform for helicopter pilots integrating TETRA and telephony calls.



Target Markets

Rescue, Police and Military

Geographical Scope

Worldwide

Supported Languages

English

KEY BENEFITS

Communication between air and ground personnel is vital in emergency situations. By integrating TETRA technology with the helicopter's intercom system, ZeniCopter ensures efficient communication through its touch screen display and helmet-installed headsets and microphones.

Versatile Connection

Offers robust protection against night goggle interference, vibrations and g-forces.

Easy to Use

Multiple communications are integrated, using the MTP850S for TETRA communications for group call, individual call or short-data messages; and the HC25 GSM module for telephony calls.

Flexible design

ZeniCopter is fitted in standard DIN-based spacing generally used in helicopter dashboards and therefore making it suitable for a range of applications.

MOTOROLA DIMETRA PARTNER APPLICATIONS CATALOGUE

Workforce Mobility Solutions



KEY FEATURES

- Motorola MTP850S radio
- A custom designed ZeniCopter PCB-board
- HM20 micro PC board running Windows CE
- HC25 GSM module.
- The User Interface consists of the primary MMI and a touch screen display
- Separate GPRS antenna input
- Built-in GSM telephone
- NCIS compatible display and MMI for night vision use
- Standard helicopter plug-in module size

SYSTEM REQUIREMENTS

Supported on Dimetra IP Scalable, Dimetra IP Compact and Dimetra IP Micro

"THE CORE OF OUR BUSINESS IS TO PROVIDE ONBOARD COMMUNICATION SYSTEMS FOR SHIPS; AND ANALOGUE AND DIGITAL (VOIP), STATE-OF-THE-ART INTERCOM SOLUTIONS ON SHORE. WE OPERATE WITH GLOBAL SCOPE AND ARE SUPPORTED BY A VAST NUMBER OF COUNTRY OFFICES, LOCAL DEALERS AND RESELLERS."

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