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

FIND THE APPLICATION AND MOTOROLA PARTNER TO MEET YOUR SPECIFIC NEEDS AND TAKE YOUR COMMUNICATIONS TO THE NEXT LEVEL. EASILY SEE WHAT EACH PARTNER CAN OFFER YOUR ORGANISATION TO ENSURE YOU GET THE MOST RELEVANT PACKAGE OF SUPPORT.

<table>
<thead>
<tr>
<th>PAGE NO.</th>
<th>APPLICATION CATEGORY</th>
<th>APPLICATION NAME</th>
<th>SOLUTION PROVIDER</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-5</td>
<td>ALARM AND TELEMETRY MANAGEMENT</td>
<td>FOUR.C MOBILE</td>
<td>CELAB COMMUNICATIONS AB</td>
</tr>
<tr>
<td>6-7</td>
<td>ALARM AND TELEMETRY MANAGEMENT</td>
<td>TRIM</td>
<td>SYSTEL</td>
</tr>
<tr>
<td>8-9</td>
<td>ALARM AND TELEMETRY MANAGEMENT</td>
<td>CANVIEW APPLICATION SOLUTION</td>
<td>SYSTEL</td>
</tr>
<tr>
<td>10-11</td>
<td>ALARM AND TELEMETRY MANAGEMENT</td>
<td>ALARM CONTROL SYSTEM</td>
<td>ZINITH</td>
</tr>
<tr>
<td>12-13</td>
<td>ALARM AND TELEMETRY MANAGEMENT</td>
<td>REMOTE TELEMETRY AND CONTROL UNITS</td>
<td>ZINITH</td>
</tr>
<tr>
<td>14-15</td>
<td>ALARM AND TELEMETRY MANAGEMENT</td>
<td>OFFSHORE OIL &amp; GAS ALARM MANAGEMENT AND STAFF SAFETY SOLUTION</td>
<td>ZINITH</td>
</tr>
<tr>
<td>16-17</td>
<td>APPLICATION DEVELOPMENT TOOLKITS</td>
<td>ZMBUILDER IDE</td>
<td>SOFTWAREFX</td>
</tr>
<tr>
<td>18-19</td>
<td>BILLING AND PROVISIONING SOLUTIONS</td>
<td>GENESIS TRIO</td>
<td>GENESIS</td>
</tr>
<tr>
<td>20-21</td>
<td>COMPUTER AIDED DISPATCH</td>
<td>INTEGRATED DIGITAL DISPATCH SYSTEM (IDD)</td>
<td>EUROFUNK</td>
</tr>
<tr>
<td>22-23</td>
<td>COMPUTER AIDED DISPATCH</td>
<td>VISION COMMAND AND CONTROL</td>
<td>MOTOROLA WITH CAPITA</td>
</tr>
<tr>
<td>24-25</td>
<td>COMPUTER AIDED DISPATCH</td>
<td>HM CMM HMM TETRA CAD</td>
<td>HM</td>
</tr>
<tr>
<td>26-27</td>
<td>COMPUTER AIDED DISPATCH</td>
<td>HM TETRA CAD</td>
<td>HM</td>
</tr>
<tr>
<td>28-29</td>
<td>CONTACT CENTRE PERFORMANCE MANAGEMENT</td>
<td>PERFORMANCE OPTIMISATION SOLUTION</td>
<td>SPESCOM</td>
</tr>
<tr>
<td>30-31</td>
<td>CUSTOM RADIO INTERFACE SOLUTIONS</td>
<td>HM STATUS PANEL</td>
<td>HM</td>
</tr>
<tr>
<td>32-33</td>
<td>CUSTOM RADIO INTERFACE SOLUTIONS</td>
<td>MINER SOFT RADIO</td>
<td>LE ELEKTRON AB</td>
</tr>
<tr>
<td>34-35</td>
<td>CUSTOM RADIO INTERFACE SOLUTIONS</td>
<td>CICC SMART SERIAL INTERFACE CABLE</td>
<td>SYSTEL</td>
</tr>
<tr>
<td>36-37</td>
<td>CUSTOM RADIO INTERFACE SOLUTIONS</td>
<td>TETRA INTERACTIVE DISPLAY (TID)</td>
<td>SYSTEL</td>
</tr>
<tr>
<td>38-39</td>
<td>CUSTOM RADIO INTERFACE SOLUTIONS</td>
<td>ZENIPOL FOR CUSTOMIZED MOTORCYCLE TWO-WAY RADIO INSTALLATIONS</td>
<td>ZENITEL</td>
</tr>
<tr>
<td>40-41</td>
<td>INTEROPERABILITY SOLUTIONS</td>
<td>ADEO COMMUNICATIONS MANAGEMENT</td>
<td>EUROCOM</td>
</tr>
<tr>
<td>42-43</td>
<td>INTEROPERABILITY SOLUTIONS</td>
<td>TETRA INTEGRATION ON ALPHA COM INTERCOM SYSTEMS</td>
<td>ZENITEL</td>
</tr>
<tr>
<td>44-45</td>
<td>LONE WORKER SAFETY</td>
<td>CENTRALISED LONE WORKER</td>
<td>ZINITH</td>
</tr>
<tr>
<td>46-47</td>
<td>PERSONNEL ALERTING AND PAGING SOLUTIONS</td>
<td>CALL OUT</td>
<td>MOTOROLA WITH CAPITA</td>
</tr>
<tr>
<td>48-49</td>
<td>PERSONNEL ALERTING AND PAGING SOLUTIONS</td>
<td>FIRE STATION TETRA CALL-OUT</td>
<td>ZINITH</td>
</tr>
<tr>
<td>50-51</td>
<td>RADIO DISPATCH SOLUTIONS</td>
<td>WIRED CONNECTED DISPATCH &amp; TRACKING FOR LARGE SYSTEMS</td>
<td>KOLIBRI</td>
</tr>
<tr>
<td>52-53</td>
<td>RADIO DISPATCH SOLUTIONS</td>
<td>WIRELESS CONNECTED DISPATCH &amp; TRACKING FOR SMALL SYSTEMS</td>
<td>KOLIBRI</td>
</tr>
<tr>
<td>54-55</td>
<td>RADIO DISPATCH SOLUTIONS</td>
<td>GEOGRAPHICAL DYNAMIC REGROUPING AND MONITORING SYSTEM</td>
<td>SYSTEL</td>
</tr>
<tr>
<td>56-57</td>
<td>RESOURCE AND ASSET TRACKING</td>
<td>GPS TRACKING OVER TETRA</td>
<td>BITEA</td>
</tr>
<tr>
<td>58-59</td>
<td>RESOURCE AND ASSET TRACKING</td>
<td>FLEET MANAGEMENT AND VEHICLE TRACKING</td>
<td>C-TRACK</td>
</tr>
<tr>
<td>60-61</td>
<td>RESOURCE AND ASSET TRACKING</td>
<td>PROFESSIONAL FLEET MANAGEMENT</td>
<td>HERMETRIX</td>
</tr>
<tr>
<td>62-63</td>
<td>RESOURCE AND ASSET TRACKING</td>
<td>ONLINE TRACKING SYSTEM</td>
<td>SERNIVTON</td>
</tr>
<tr>
<td>64-65</td>
<td>RESOURCE AND ASSET TRACKING</td>
<td>INDOOR POSITIONING SYSTEM</td>
<td>ZINITH</td>
</tr>
<tr>
<td>66-67</td>
<td>RESOURCE AND ASSET TRACKING</td>
<td>OFFSHORE WIND FARM PERSONNEL TRACKING SOLUTION</td>
<td>ZINITH</td>
</tr>
<tr>
<td>68-69</td>
<td>SYSTEM MANAGEMENT AND MONITORING</td>
<td>RIEMWATCH® NETVISTA</td>
<td>GENESIS</td>
</tr>
<tr>
<td>70-71</td>
<td>SYSTEM MANAGEMENT AND MONITORING</td>
<td>TETRA NETWORK ALIVE CHECK MODULE</td>
<td>ZINITH</td>
</tr>
<tr>
<td>72-73</td>
<td>VOICE RECORDING SYSTEMS</td>
<td>CYBERTECH VOICE RECORDING</td>
<td>MOTOROLA WITH CYBERTECH</td>
</tr>
<tr>
<td>74-75</td>
<td>VOICE RECORDING SYSTEMS</td>
<td>TRUNKED RADIO AND INCIDENT INFORMATION MANAGEMENT</td>
<td>MOTOROLA WITH NICE</td>
</tr>
<tr>
<td>76-77</td>
<td>VOICE RECORDING SYSTEMS</td>
<td>QUANTFY RECORDING SUITE</td>
<td>RED BOX</td>
</tr>
<tr>
<td>78-79</td>
<td>VOICE RECORDING SYSTEMS</td>
<td>DATAVOICE</td>
<td>SPECSOM</td>
</tr>
<tr>
<td>80-81</td>
<td>VOICE RECORDING SYSTEMS</td>
<td>TETRA VOICE LOGGER AND ARCHIVING SYSTEM</td>
<td>SYSTEL</td>
</tr>
<tr>
<td>82-83</td>
<td>VOICE RECORDING SYSTEMS</td>
<td>AUDILOLOG</td>
<td>VENNT</td>
</tr>
<tr>
<td>84-85</td>
<td>WORKFORCE MOBILITY SOLUTIONS</td>
<td>ADEO EMO MOBILE OFFICE</td>
<td>EUROCOM</td>
</tr>
<tr>
<td>86-87</td>
<td>WORKFORCE MOBILITY SOLUTIONS</td>
<td>TETRA MULTI-BEARER COMPUTER</td>
<td>TETRADAB</td>
</tr>
<tr>
<td>88-89</td>
<td>WORKFORCE MOBILITY SOLUTIONS</td>
<td>ZENICOPTER</td>
<td>ZENITEL</td>
</tr>
</tbody>
</table>
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 or any of the partner companies featured in this guide, please contact the application partner directly.
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.

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.

"FOR 35 YEARS WE HAVE DELIVERED CUSTOMISED SOLUTIONS FOR CRITICAL COMMUNICATIONS, BASED ON THE LATEST TECHNOLOGY FROM PROVEN MANUFACTURERS."
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.

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.

KEY 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.

“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”
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.

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 dashboard 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

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

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.

SYSTEM REQUIREMENTS
- 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

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.

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

"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."
OVERVIEW
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.

KEY BENEFITS
Saving time and maximising resources is essential for efficient operation. ZONITH RTCU saves time-consuming 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.

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.

"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."
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.

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 (RCN), drill control networks (DCN) and the general alarm (GA) system.

Easy Interfacing
Interfaces to distributed alarm systems via OPC, ESPA4.4 or SNMP.

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

SYSTEM REQUIREMENTS
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 or SNMP
- Low power emergency shutdown via TETRA radios
- Lone-worker protection using SDS messaging on TETRA radios
- TETRA network alive check

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.

“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.”

ZONITH A/S
Gammel Kongevej 39E
DK-1610 Copenhagen V
Denmark
www.zonith.com

ZONITH UK LTD.
Sheraton House
Cambridge CB1 6AX
United Kingdom
www.zonith.com
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.

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.

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

“BY PROVIDING TOP-OF-THE-LINE PRODUCTS FOR DIFFERENT TECHNOLOGY PLATFORMS, WE CONTINUE TO LEAD THE MARKET IN DEPLOYING GRAPHIC DEVELOPMENT TOOLS. SOFTWARE FX IS COMMITTED TO PROVIDING A RICH SET OF TOOLS AND SUPPORT FOR PAST, PRESENT AND FUTURE TECHNOLOGIES”
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 utilizes 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®)

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.”

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

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

SYSTEM REQUIREMENTS
- 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

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 KAPPAKER GMBH
Eurofunk Straße 1-4
5800 St. Johann im Pongau
Salzburg
Austria
OVERVIEW
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 in the field. A comprehensive tool delivered through a single operator workstation for efficient incident management.

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 Microsoft™ languages and the Microsoft™ .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-to-end solution. Each application can be enhanced by implementing add-on products to improve operations.

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.

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

Geographical Scope
Europe, Asia and Australia

Supported Languages
English and Arabic

MOTOROLA DIMETRA PARTNER APPLICATIONS CATALOGUE
Computer Aided Dispatch
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.

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.

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)

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

MISSION CRITICAL COMMUNICATION SOLUTIONS
IHM - Mission Critical Communication Solutions
IHM COM4500 TETRA CAD
IHM

Target Markets
- Public safety control rooms
- Geographical Scope
  - Europe
- Supported Languages
  - All languages supported by application


IHM P/S
Vandtrafikvej 87
2880 Bolundby
Denmark
Phone: +45 39 95 31 31
Email: info@ihm.dk
Web: www.ihm.dk
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.

SYSTEM REQUIREMENTS
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

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

FULLY INTEGRATED PERFORMANCE OPTIMISATION SOLUTION

OVERVIEW
The Spescom DataVoice Qunique 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.

KEY BENEFITS
Operating at optimum performance is crucial for any mission-critical system. Using six interlinked modules, Spescom DataVoice Qunique 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.

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

Radio Requirements of the Spescom DataVoice Qunique system – applicable for all radios or consoles.

OVERVIEW
The Spescom DataVoice Qunique 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.

KEY BENEFITS
Operating at optimum performance is crucial for any mission-critical system. Using six interlinked modules, Spescom DataVoice Qunique 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.

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

Radio Requirements of the Spescom DataVoice Qunique system – applicable for all radios or consoles.
IHM STATUS PANEL

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.

KEY BENEFITS
Send jobs to police cars, fire trucks or ambulances from a control center including destination address for fast and precise dispatching 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.

Easy to Use
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.

SYSTEM REQUIREMENTS
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

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


IHM P/S
Vandtaarnsvej 87
2860 Soeborg
Denmark
Phone: +45 39 66 31 31
Email: info@ihm.dk
Web: www.ihm.dk
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 include 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.”
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 SSIC 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.

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

KEY FEATURES
- Supports linear barcodes: Code_128, Code32, Code93, Ean13, Ean8,Isbn, Imrn,Ltt14, Jan13, Jan8, NumlyNumber, Pzn, Sccl, Scc14, Sscc18, SwissPostParcel, UccEan128, Upc_E, UpcPiC,UpcEan128
- Supports two dimensional barcodes: AztecCode, DataMatrix, MacroPdf417, Pdf417, QrCode, Semacode
- Compact, fixable & easy to use

SYSTEM REQUIREMENTS
- Supports linear barcodes: Code_128, Code32, Code93, Ean13, Ean8,Isbn, Imrn,Ltt14, Jan13, Jan8, NumlyNumber, Pzn, Sccl, Scc14, Sscc18, SwissPostParcel, UccEan128, Upc_E, UpcPiC,UpcEan128
- Supports two dimensional barcodes: AztecCode, DataMatrix, MacroPdf417, Pdf417, QrCode, Semacode
- Compact, fixable & easy to use

Target Markets
Police, Airports, Hospitals, Ambulance and Retail Stores

Geographical Scope
Europe, MEA

Supported Languages
English and Arabic

“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”
TETRA INTERACTIVE DISPLAY (TID)  
SYSTEL

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

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.

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.

Target Markets
Police, Ambulance, Fire, Transport and Delivery

Geographical Scope
Europe, MEA

Supported Languages
English and Arabic

“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”
OVERVIEW
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.

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 km/h).

Customisable
With ZeniPol, it’s possible to personalise the motorcycle to individual users and fleets with over-the-air programming.

Easy to Use
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.

SYSTEM REQUIREMENTS

“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.”
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.

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.

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

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 organizing radio user activity, Lone Worker, Patrol Management and SMS

E-COM Client support also Google Earth™ to display GPS positions and GPS-based 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


Direct call from TETRA terminal to a different radio network such as DMR, Analog or SATELLITE phones

KEY FEATURES

SYSTEM
REQUIREMENTS

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

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.

SYSTEM REQUIREMENTS

The ZENITEL Alphacom works on TETRA networks and requires an Interface to a Motorola MTM5400 or MTM800 Enhanced database 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 COMPRISERS THREE BRANDS; STENTOFON SECURITY COMMUNICATION SYSTEMS, VINGTOR INTEGRATED ONBOARD COMMUNICATION SOLUTIONS FOR THE MARINE MARKETS, AND ZENITEL FOR RADIO COMMUNICATION SOLUTIONS."
ZONITH CENTRALISED LONE WORKER (CLW)

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.

KEY FEATURES
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.

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 networks.

“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.”
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.

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.”

Target Markets
Emergency Service Agencies and TETRA Radio Console Customers

Geographical Scope
Europe, Asia and Latin America

Supported Languages
English, Spanish and Arabic.

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

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.

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.

Pre-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.

SYSTEM REQUIREMENTS

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

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.

“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.”
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.

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.

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.

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.

SYSTEM REQUIREMENTS

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

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.”
WIRELESS CONNECTED DISPATCH & TRACKING FOR SMALL 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.

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.

SYSTEM REQUIREMENTS

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

KEY FEATURES

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.”

Kolibri Systems
“Boston House”
Motorenweg 5T
2623 CR Delft
The Netherlands
www.kolibri-systems.com
OVERVIEW
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.

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.

Full Control
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.

SYSTEM REQUIREMENTS

Target Markets
- Police, Ambulance, Fire, Government, Industrial, CAP Companies and Transportation Facilities

Geographical Scope
- Europe, MEA, Asia

Supported Languages
- English and Arabic

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

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
GPS TRACKING OVER TETRA SOLUTION

OVERVIEW
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.

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.

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.

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
• Replay 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

Target Markets
Police, Fire Brigade, Security and Rail

Geographical Scope
Worldwide

Supported Languages
English

BiTEA
Public Safety

BITEA LIMITED
ICS House,
Hall Road,
Maldon,
Essex
CM9 4LA
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, Satellite and WiFi. Services fully support Motorola MTM-800 dash mounted radios and TOM-100 embedded modules.

TARGET MARKETS
Fleet owners, private vehicle owners, emergency services

GEOGRAPHICAL SCOPE
UK, Europe, Americas, Asia, Africa, incl South Africa

SUPPORTED LANGUAGES
All languages via translation

KEY FEATURES
• 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

SYSTEM REQUIREMENTS
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.
PROFESSIONAL FLEET MANAGEMENT FOR TETRA
hermesTRX

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.

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.

SYSTEM REQUIREMENTS

Target Markets
- Environment
- Manufacturing
- Transportation
- Utilities
- Education
- Government
- Taxi
- Courier
- Public Safety

Geographical Scope
Worldwide

Supported Languages
- English
- Spanish
- German
- French

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, DSX, 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

“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
KEY FEATURES
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 multi-language support as we oversee and maintain your platform.

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.

KEY BENEFITS
- 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

"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."
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.

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, discreetly 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.

SYSTEM REQUIREMENTS
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 Alerting - 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

The ZONITH IPS is entirely IP-based and only requires LAN connection and an IP Router/Switch.
OFFSHORE WIND FARM PERSONNEL TRACKING SOLUTION

ZONITH

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.

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

- 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.

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

MOTOROLA TETRA PARTNER APPLICATIONS CATALOGUE

Resource and Asset Tracking

“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.”

ZONITH A/S

Gammel Kongevej 39E
DK-1610 Copenhagen V
Denmark

www.zonith.com

ZONITH UK LTD.

Sheraton House
Cambridge CB3 0AX
United Kingdom

www.zonith.com

66
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.

SYSTEM REQUIREMENTS
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.

KEY 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 are open
• 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.

"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".
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.

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 polls 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”.

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.

Target Markets
Offshore Oil & Gas and Petrochemical industry

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

Supported Languages
English
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.

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.

SYSTEM REQUIREMENTS

• 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)

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

Target Markets

Geographical Scope
Europe, Asia, Latin America and North America

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

"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.
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.

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, subgroup 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.

SYSTEM REQUIREMENTS
- Supports Motorola MCC 7500 IP Consoles and Motorola Archiving Interface Server (AIS)

SOFTWARE BENEFITS
- 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 Inform™ Media Player encrypts, authenticates, reviews and replays incident information offline or by external officials

“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.
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 and analysed. It is fully compatible with Motorola’s Dimetra IP system for hassle-free integration.

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 Motorola 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, End 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 Phenetic 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 quick 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.”
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.

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 multi-zone 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
• Ensures 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.”
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.

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.

SYSTEM REQUIREMENTS
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

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"
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.

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
- 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.”
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.

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 up-to-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.

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 including DMR, TETRA, Wi-Fi, GSM/GPRS and HSDPA.

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

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-to-point 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

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

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.

Target Markets
- Fire, Police, Ambulance, Telemetry and Private TETRA Networks

Geographical Scope
- EMEA

Supported Languages
- All languages supported by Microsoft Windows

TETRATAB

TETRATAB LTD
Bike House Technology Centre
Bike House
Shaftesbury Road
Hambridge
BA8 0PT
UK
www.tetratab.com

• 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

MOTOROLA DIMETRA PARTNER APPLICATIONS CATALOGUE
Workforce Mobility Solutions

“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 Ltd
Bike House Technology Centre
Bike House
Shaftesbury Road
Hambridge
BA8 0PT
UK
www.tetratab.com

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

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.

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.”

- Motorola MTP850S radio
- A custom designed ZeniCopter PCB-board
- HV10 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
- NGIS compatible display and MMI for night vision use
- Standard helicopter plug-in module size