

World Congress News

The 5th TETRA World Congress



Tuesday, November 19, 2002

TETRA grows and grows



The TETRA MoU published a study of worldwide contracts in July 2002 that has confirmed substantial growth for the standard all around the world. When published, there were over 170 contracts identified. Since then, the number has grown to over 180. The overall value is in excess of €3.5bn and climbing. A closer look at the analysis reveals some interesting facts that challenge some of the common misconceptions about TETRA.

TETRA is only in Europe?

No!! 25% of the contracts are outside of Europe. In fact, much of the recent growth has come from the Asia-Pacific region. And, all around the world there are yet

more major contracts under negotiation or being developed.

TETRA is only Public Safety?

No!! The top three user segments are Public Safety (37%), Transport (19%) and Operators (14%). Together they represent just over two-thirds of the contracts let around the world.



Sensitive contracts will not have been disclosed and are therefore not included in the overall data. Furthermore, the review data only covers infrastructure and terminal contracts, so the total value of contracts will be far greater as this does not include many supplementary contracts for control equipment, applications, service, accessories etc.

Monday's workshops

Every year the World Congress has an 'Introduction to TETRA' workshop and it consistently attracts the largest audience. This workshop is an excellent reflection of the healthy and continued interest in TETRA from around the world. As with any learning experience, a steady stream of beginners grows into a steady mass of experts — in this case, expert TETRA users. Long may it continue.

This year, almost half of the workshop topics are new, with new sessions on Indoor Coverage, Interoperability and Interworking and Control Room Applications. All of which meant a lot of new learning opportunities for delegates.

Wandering around the other workshops, I made a few other discoveries. Re-branding can work wonders for sales! This year's 'TETRA Applications' workshop had a simpler title than last year's

'Don't B2..... B3' but was just as innovatively and entertainingly presented.

The presentation duo with support from others demonstrated how Applications bring 'business benefits' to all types of organisations. Any conundrums were swiftly unravelled for the delegates.

The topics of Security and TETRA Release 2.0 were covered last year as Masterclasses. This year they appeared at the workshops. For TETRA Release 2.0, the workshop contents reflected a number of significant milestones that have been successfully passed.

Friday's masterclasses include a number of new topics as well — another example of IIR's response to their customer's feedback. I just hope everyone (presenters and delegates alike) will have enough energy left by then after such a full week!

Welcome to Nice

Dear Delegate,

Welcome to the 5th TETRA World Congress. I can hardly believe that this event marks the end of my first year in office as the Association's Chair. During that time, a lot has happened in both the TETRA market and for the Association. Contract numbers for small and large TETRA systems continues to grow. One of the most recent awards is the confirmation of TETRA as the technology for the national public safety system for Austria.

The TETRA industry is demonstrating remarkable resilience. Subscribers to Dolphin services can now look forward with confidence to a continued service and Sepura and Simoco Digital UK Ltd. have emerged from the old Simoco organisation. And, if you look at small TETRA systems market (1-30 base stations) we now have 10 independent manufacturers offering products.

The TETRA MoU membership has passed the 100 mark. The Association has also appointed a CEO, John Cox. Under his leadership we have appointed ISCTI to undertake a new Interoperability Working Practice and Certification Regime. Profile certificates have already been issued and test sessions carried out.

As a result of your feedback, the World Congress has made some changes to this year's event! New speakers and a changed format aim to get the best out of the event for the delegates. The exhibition area goes from strength to strength, and I note the increased numbers



Ray Ginman welcomes you to the TETRA World Congress as Chair for the first time

and variety of Applications on show this year. Make sure you all get to look at them.

Finally, I would like to add my support to the recommendations made by the many review bodies following recent terrorist attacks. Their call for shared communications on the front line is one that I wholeheartedly endorse. And, of course, this role is one that the designers of TETRA had in mind from the very start. This is no surprise when you consider the user input to the ETSI standardisation process came from public safety personnel. I do hope that no national administrations will make the mistake of ignoring these life critical recommendations.

So, I extend the warmest of welcomes to you and I hope that whatever you are looking for in the World Congress, you find it. Make sure you take a little of your time whilst you're doing that to enjoy the delights of the Côte d'Azur!

Simplified afternoon agenda — choose between one of three streams

One of the most frequent requests from last year's delegates was to simplify the format of the agenda, especially when it came to multi-streaming. This year's World Congress has attempted deliver what you wanted — a simpler programme and more time to network. The biggest change is in the afternoons. These are devoted to specialist topic streams that match the three general delegate profiles:

- Government, Military & Public Safety
- Transport, Utilities & Operators
- TETRA Solutions.

There should be no timetable conflict for those delegates who want to hop between streams as there is no closing plenary each day. Let us know if this new approach is an improvement. Like all suppliers, we need your feedback to improve our product — the TETRA World Congress.



In this issue: TETRA grows across the globe; Workshops reviewed; Interoperability on parade; Awards Gala dinner; Applications Village.

World Congress News is brought to you by



Make sure you vote, Vote, VOTE ...for the TETRA Awards 2002

These are your awards. As with last year, your votes will count for half of the overall ballot for the four product and services awards:

- Most Innovative TETRA Service
- Best new TETRA Radio
- Most Innovative TETRA Product
- Most Innovative Applications Development

The other half of the ballot comes from a distinguished panel of judges.

In addition, two other awards are made each year. The judging panel on their own will choose the 'Most Informative and Creative Exhibition Stand' whilst the MoU Board will decide on who gets the prestigious 'Outstanding Contribution for 2002' award.

Ballot papers will be available throughout the World Congress



venue on Tuesday and Wednesday. Votes can be made until the end of the afternoon break on Wednesday (16:05). Ballot boxes will be placed around the Exhibition area and will also be at the main reception desk. The winners will be given their awards at the Gala Dinner on Wednesday evening. So, join in — use your vote and help choose the best of TETRA for 2002.

Drinks reception tonight

There's no need to drift away after the end of this afternoon's conference streams. IIR are hosting a Drinks Reception for all delegates in the exhibition area. Keep the debate and the networking going whilst enjoying an aperitif before you venture out to enjoy the gastronomic delights of Nice! The exhibition area will close at 19:30.

Products, contracts, events — some of the latest news from the TETRA world

As you walk around the exhibition area, the representatives from all aspects of the TETRA industry will no doubt want to tell you for themselves about their continued successes — new products, new contracts, significant regulatory and planning decisions in favour of TETRA. Here's a few of the press cuttings that were on the 'wires' just before the start of the World Congress.

Contracts run hot and cold

Venezuela's Monagas State government has chosen TETRA for its new emergency services communication network. A Nokia system will bring enhanced security communications to the Monagas state police, civil defence, fire department and other municipal and national security offices. Meanwhile, in Iceland, Motorola is expanding one of the two existing networks to form a single, nation-wide TETRA network that will subsume the other existing infrastructure. Their IP based system, Dimetra IP will form the backbone of a system that could ultimately provide communications not only for public safety users but also for others such as utilities, industry and transport.

Russian roulette

If you want to bet, bet on TETRA. The 'TETRA-RUS' project has been given the go ahead by the Russian Telecommunications Minister, Leonid Rayman. Four members of the Board of the Russian TETRA Forum will participate in the working group that is initiating this project. Their first objective is to examine the technical and economic options for a network that could provide services for Energy Companies, Transport, Defence and other public safety agencies.

New band not yet in the charts

Sepura have announced that their SRP2000 TETRA terminal will soon support the 440-470 MHz band. They anticipate production starting later this year. It's going to be difficult to tell any of their users to get lost soon as they have also announced a collaboration between themselves and Infomatrix to develop and produce a Personal Locator for TETRA hand-portable radios. A radio user will be able to be located from the satellite positioning information transmitted over a TETRA system. The product will be available incorporated into a standard Sepura Remote Speaker Microphone (RSM) or in a light-

weight module that can be easily clipped on to a person's clothing.

Not just radios

IFR have announced a new test product, the TETRA AirAnalyser designed to make diagnosing and resolving communication problems in real networks a lot easier. The analysis of any problem can be difficult when considering the range of equipment involved from different manufacturers and their individual views on the nature, source and resolution of any problem. The AirAnalyser will record, display and analyse complex communications off air between any TETRA terminals any TETRA base stations. IFR claim it will provide a universal solution regardless of the equipment deployed. They have also announced the new 3410 series of Digital RF Signal Generators.

See for yourself

Have a good look round the exhibition area. The manufacturers mentioned above have stands and will be delighted to tell you more about their products. They are a small proportion of the overall exhibitors. Make sure you leave enough time in between the conference presentations to get the most out of the exhibition. There really is a lot to see.

Gala Dinner 2002

Plaza Hotel Nice

The objective of the Gala Dinner at the TETRA World Congress is to provide delegates, sponsors and speakers an opportunity to celebrate, network and socialise. This year's Gala Dinner venue is the Plaza Hotel — just a five minute taxi ride or a 15 minute walk from the Acropolis. The Conference programme on Wednesday ends early so you can get ready without rushing!

As well as a wonderful meal, there will be some surprise entertainment throughout the evening that you can enjoy no matter what language you speak! And, the annual TETRA Awards will be presented to this year's winners.

Don't rush away afterwards. The hotel's lower bar and lounge will be at your disposal after dinner. Carry on having fun and enter a rather special competition that could win you a bottle of champagne to really end the evening in style.

The Gala Dinner is a ticket only event. Make sure you've got yours. Look out for the special Gala Dinner Information Desk where your questions will be answered.



Successful formula

The success of the World Congress reflects the dynamism of TETRA, and this year's Congress promises to be the best yet. Now in its fifth year, it includes an expanded exhibition and applications village, new simultaneous German translation, revamped seminars and masterclasses, and more user case studies than ever before.

The theme of this year's event is 'Fulfilling user expectations'. Today's speakers will look at TETRA now and the economics of TETRA. Tomorrow's discussion will move onto IP and applications, while Thursday's speakers will address next generation products and services, interoperability and the future challenges facing TETRA. Plus, you can take advantage of three focused streams and keynote presentations from the TETRA MoU, the Finnish Ministry of the Interior and ETSI.

Once again the congress will also provide a wide array of social and networking events in the evenings including drinks receptions, the annual Gala Dinner and awards and a trip to Monte Carlo.

I hope you enjoy the congress,

Tom Davies, Congress Producer
IIR Telecoms & Technology

P.S. The TETRA World Congress 2003 will be held at the Bella Centre in Copenhagen from November 24th to 28th — don't forget to mark the dates in your diary!



Right at the heart of the action

NOKIA THR880

Complete commitment. The Nokia THR880 TETRA portable phone will help you answer every call of duty. The original two-sided concept doubles its effectiveness. Designed to be part of the work outfit, it boosts your performance as a public safety professional and frees you to concentrate on the task at hand.

When duty calls, it's the one to trust.

- Unique two-sided concept: phone on one side, radio on the other side
- Wearable active holder for optimised ergonomics – no need for an additional microphone or speaker
- Voice feedback for efficient and reliable operation
- Colour display
- Protective membranes and elastomer bumpers to resist water, dust and knocks
- WAP and IP packet data for efficient connectivity

NOKIA
CONNECTING PEOPLE

Safer. Smarter. Better.

Integrated Communication Solutions



Motorola's TETRA communication solutions provide the interoperability and encryption capabilities you need to ensure quick information retrieval and fast response under demanding conditions.

With over 70 years of experience serving the mission-critical needs of public safety, transportation, special services, military and governmental organisations worldwide, you can trust Motorola to help you identify and provide the right solutions to meet your needs.

Motorola offers a vast portfolio of technologies and applications to deliver the intelligence you need, where you need it and when you need it most.

Expand your possibilities with rapid, mobile intelligence from Motorola.

*For more information, please visit us at the **TETRA World Congress** or at www.motorola.com/tetra*

