

Overview “TETRA Basic Course”

ver 1.7e / 29 Jun 2007

Arico Technologies offers a popular and award winning one-day TETRA Basic Course:

■ Target Audience

Managers, project managers, sales people, system administrators, users and engineers who work – or will work – with TETRA systems or radios and want to get an overview of the TETRA market, the capabilities of TETRA and the technology.

■ Training Objectives

At the end of the course the participant will be able to explain:

- TETRA market segments, users and projects
- The key elements of a TETRA network and available products
- Standardised and proprietary interfaces in TETRA
- Modes of operation and the TETRA air interface
- The TETRA basic, supplementary, data and security services
- Advantages of data applications and TETRA high speed data
- How to migrate from an Analogue Radio system to a digital TETRA system
- Interoperability between TETRA systems and terminals
- The position of TETRA amongst other PMR technologies

■ Content of the Training

- Positioning of TETRA, market segments and typical users
- Overview of selected TETRA project
- System architecture, network elements and their functionality
- Standardized and proprietary interfaces
- TETRA modes of operation
- Basic, supplementary, data & security services
- Applications, the Peripheral Equipment Interface and TETRA
- TETRA organisations, standardisation and future developments
- System & terminal suppliers, and their products
- Migration from Analogue Radio to a digital TETRA system
- TETRA and other PMR technologies

■ Duration and Venue

The TETRA Basic Course is a one-day (8 hours) training. Coffee and lunch breaks are included.

The course is usually given as an in-house training at the customer’s premises. Optionally we can book a seminar room in a hotel.

■ Number of Participants

Maximum of 12 students, a minimum of 8 students is recommended

- **Language & Course Material**

The training can be given either in English or in German. The course material is in English. Each student will get a copy of the training material for his/her personal use.

- **Trainer**

Dipl.-Ing. Harald Ludwig



Harald Ludwig is the founder and managing director of Arico Technologies, a company providing consultancy, training and project management services for the mobile radio industry.

He has expertise in the fields of system and application design, test and integration, internal and external trainings, intellectual property rights and licensing, interoperability testing and international standardisation.

He has more than ten years of experience in the professional mobile radio industry and worked several years for a company which develops safety-critical communication systems.

In February 2006 Harald was appointed chairman of the TETRA Association's Technical Forum. The Technical Forum is responsible for the technical interoperability of TETRA systems and terminals.

- **Tailored Courses**

On request we are happy to offer special courses which are tailored to the specific needs of the students.