Datamatik's Competance Building Centre

Overview	MotoTRBO	TETRA

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Overview

Datamatik has organised its ¨Competance Building Centre¨ focusing on Digital Mobile Radio (DMR) and TETRA Systems. The goal is to provide quailty training sessions to our reseller network , and to keep them up to date with the upcomming technologies. The courses at Datamatik are free for participants and includes course materials and lunch. Travel expenses, costs for events and other expenses are covered individually by the course participants.

The training model will follow a step-wise and practical approach in order to obtain excellent results. The certification program is been categorised mainly in 2 market segments MotoTrbo & TETRA, where each having its own levels of competance.

Mototrbo Certification programme

This programme is module based, and follows a gradual technical growth pattern to fulfill the diverse technical needs of each individual participants. A brief summary of the certification courses is stated hereunder. For detailed information please follow the respective certification links. This programme has three sub-categories:

Basic Certification (2-day Course)

This is a beginner course, and provides comprehensive knowledge of Digital Mobile Radio- DMR technology. It focuses on Motorola's MotoTrbo Solution for DMR Market Segment. The course is sub-divided in to three major portions, Theoratical Presentation of Mototrbo Technology and familiarization with CPS, Practical Demonstration & Basic hands-on programming tasks to be performed by each and every individual, including programming of terminals and infrastructure. The beginner course also includes a guidance and presentation how to sell the digital solutions into the market.
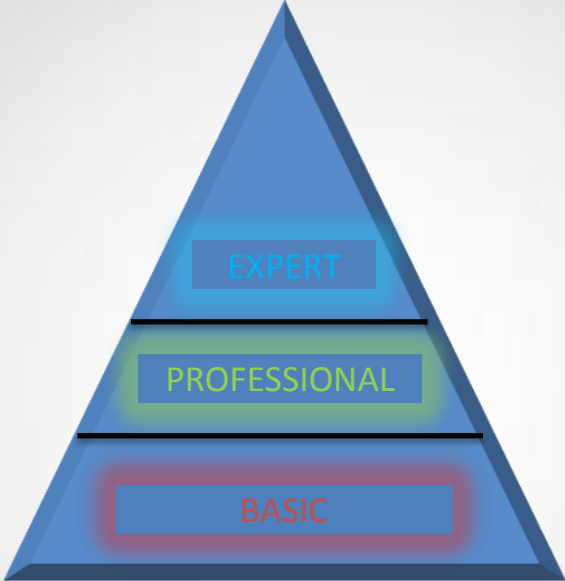
Professional Certification (2-day Course)

This is an intense course, and is specifically designed for resellers having good prior knowledge of DMR technology. The basic certification is strongly recommended before signing up for this course although not a prerequisite. This course covers diverse technical topics in detail like, R1.7 enhancements, different modes of operation (IP Site Connect, Capacity Plus, Dual Mode Operation etc), remote Repeater programming, Capacity Planning, TX interrupt and many more, including detailed CPS programming & practical demonstration. In addition the participants will programme the complete Mototrbo infrastructure in each and every mode of operation simultaneously, and will test it additionaly towards remote demo equipment.

Expert certification (2-day Course)

This certification is designed for advanced MotoTrbo Users, and solely focuses on Mototrbo Applications. Our Application Partners (TrboNet, Zonith, Teldio & Kilchherr) take the privilige to introduce themselves, and elaborate the Digital Solutions they provide. The course is based on in detail Theoratical Presentations comprising of Product Portfolios, Technical Solutions, Pre-deployed Business Cases and Practical Experiences . Second part comprises of Practical Demonstrations of Application Installation, Configuration & Usage. In addition Hands-on tasks to be performed by each participant.

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MotoTRBO

Basic	Professional	Expert

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Basic

Prerequisite

None

Course Contents

1. Basic introduction of DMR systems, specifically Motorola's Mototrbo Technology for DMR Market
2. Analogue vs Digital DMR systems
3. TDMA Technology vs FDMA Technology
4. Motorola's Mototrbo Infrastructure
5. R 1.7 Enhancements & upcomming Releases
6. Basic Theoratical Presentations of Different Modes of Operation:
   - ❑ Direct Mode
   - ❑ Repeater Mode
   - ❑ IP Site Connect Mode
   - ❑ Capacity Plus Mode
   - ❑ DMM Mode
7. CPS Familiarization (Installation, Set-up, Basic Paramaters etc)
8. Emergency Systems Configuartion
9. Practical demonstration on Datamatik's Demo Infrastructure
10. Basic Hands-on programming Tasks
11. Sales case studies
12. How to enter into the market from a sales prospective
13. Sale success factors

Certification Diploma

All successful candidates will be awarded with Datamatik's¨ Mototrbo Basic Accredited Resseller Certificates¨. This course lays a solid foundation for candidates, and will enable them to take up further intense Certifications.

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Professional

Prerequisite

Good knowledge of DMR systems, specifically Mototrbo or Datamatik's ¨Mototrbo Basic Accredited Reseller Certified¨.

Course Contents

The topics to be addressed are stated hereunder. PS! Topics could vary a bit and the list will be updated as new features and functionalities are are launched by Motorola.

1. Basic introduction
2. R 1.7 Enhancements & upcomming Releases
3. In Depth Theoratical presentations of Different Modes of Operation, including Practical Demonstration & CPS Programming for each mode:
    - ❑   Direct Mode
    - ❑   Repeater Mode
    - ❑   IP Site Connect Mode
    - ❑   Capacity Plus Mode
    - ❑   DMM Mode
4. Capacity Planning
5. Emergency System Configuration
6. Migration Strategies from Analogue to Digital Systems
7. Tx Interrupt Feature
8. RDAC configuration & Operation
9. Remote Repeater programming
10. Enhanced GPS Functionality
11. Detiled Hands on Programming Tasks comprising of complete Mototrbo Infrastructure in different Modes Simultaneously. Testing towards an external Mototrbo system will also be performed.

Certification Diploma

All successful candidates will be awarded with Datamatik's ¨Mototrbo Professional Accredited Resseller Certificates¨.

Datamatik's Competance Building Centre

Expert

Prerequisite

Good knowledge of DMR systems, specifically Mototrbo or Datamatik's Mototrbo Accredited prfessional Reseller Certified.

Course Contents

This course solely focuses on different 3rd party applications for DMR based MotoTrbo Technology. Datamatik will invite our Application Partners to interact directly with our Resellers. The complete contents of the course will be provided in the near future.