

Tems Paragon Training

(Inc. on job training during Installation)

Course Description

Description:

TEMS™ Paragon is a highly configurable and semi-autonomous wireless network testing and measurement solution. It enables engineers to run benchmarking campaigns and drive test in a quick, easy, and cost-effective manner. This course covers the TEMS Paragon features that engineers need to prepare so they can adequately operate and configure the system. It is aimed at a medium skill level of intermediate to expert. Comprehensive description and system feature demonstration will help the students understand the tools work flow to extract and interpret any relevant information.

Learning Objectives:

After completion of this training, the participant should be able to: Configure the data acquisition equipment to measure mobile radio network systems on various technologies (GSM / GRPS-EDGE / WCDMA – HSPA / LTE). Understand general trigger KPI's for Voice, Data, Video streaming etc. tests and configure adequate related measurement scenarios.

Target Audience:

The target audience for this course is primarily for service deployment engineers, system engineers, and service engineers, but also radio network optimizers, cell planners, service planning engineers, service design engineers, network design engineers, network deployment engineers.

Prerequisites:

The participants should have the related technology competence as radio network terms are used extensively during the training. In addition, we ask that you provide us the contact details of a local coordinator with whom TEMS can liaise to organize the training.

Duration and class size:

The duration of the course is 1 day and the maximum number of participants is 5. It comes together with system commissioning of the equipment that is performed before the classroom to take place. Usually sold as a consultative day's service but depends on the number of systems to commission.

Training content

Part 1 System architecture Overview

- **An overview of equipment configuration and data acquisition.**
Installation and components
- **An explanation for each component task of the TEMS Paragon system**
 - o Software description
 - o Hardware description

Latest features and capabilities

- **What is new in the latest version of TEMS Paragon and system capabilities?**

Part 2 (if purchased)

TEMS Director configuration

- Test methodologies and work orders design
 - o Voice call work orders
 - o Data work orders
 - o Idle work orders
 - o Multiple tests and triggers

Speech Quality Evaluation

- o Describe what MOS is
- o Understand how the MOS analysis is done in automatic
- o Classify the Speech
- o Quality regarding the received
- o MOS value

Part 3 System operations and Local Client

- o Display the test progress
- o Export the measurement files
- o Post processing capabilities
- o System alarms and troubleshooting

Overall Objective:

After the completion of the course, the participant will have a comprehensive background in the capabilities and usage of TEMS™ Paragon.

Course Registration

If this course is currently not scheduled in your region, please contact us via e-mail at: training@infovista.com.