



ariesoGEO Advanced UMTS

(ARI0022)

Course Outline

ariesoGEO Advanced - UMTS

Detailed Course Outline

Building on the knowledge gained in the "ariesoGEO User - UMTS" course, this 2 day course uses a combination of live demonstrations and student exercises on your live UMTS ariesoGEO system. It explores the advanced ariesoGEO features relating to UMTS. In so doing, additional analysis on UMTS performance, neighbour planning and IRAT neighbours are performed. A key part of the course includes demonstrates various aspects of setting up and altering dashboards specific to UMTS. The course then concludes with a detailed look at the ADM (Advanced Diagnostic Module).

Pre-requisites:

This is a mid to expert level course requiring students have attended the UMTS ariesoGEO User course prior to this. This course extends the functionality of ariesoGEO by introducing advanced and automatic features.

Section 1: Performance Analysis and Problem Identification Wizard

- Explain the features of the Problem Identification Wizard
- Run through examples of how to configure and run the wizard
- Prioritizing problem areas and visualizing the output
- Drilling down into problems

Section 2: Neighbour Analysis and Automated Neighbour Planning

- Demonstrate how ariesoGEO is used to analyze neighbour relations and detect inconsistencies
- Map representation of neighbour relations using Spider analysis
- Using ariesoGEO to plan and optimize neighbour relations: automated neighbour planning

Section 3: Neighbour Analysis and Automated Neighbour Planning – IRAT

- Demonstrate how ariesoGEO is used to analyze inter-technology neighbour's plans
- Using ariesoGEO to plan and optimize neighbour relations between technologies

Section 4: Dashboards

- Demonstration of the setup of Dashboards
- Altering the visual aspects of Dashboards

Section 5: ADM – Advanced Diagnostic Module

- How to use the ADM
- What are the sources of information
- Device Analysis
- LAU RAU investigation
- Message timing investigation

