

## Open RAN System Integration (II) - Integration and Testing

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This learning program will train students to identify the steps and tasks required to achieve a successful integration of the Open RAN system, while providing them with the knowledge necessary to recognize and minimize potential risks that may arise during this process.

Upon completion of this learning program, you will be able to:

- Recognize the importance of choosing the right integration strategy and a good testing methodology
- Identify the and HW and SW tools to configure a generic Open RAN laboratory
- Recognize the concepts of blueprints and their importance within the Open RAN integration and deployment process
- Describe the steps necessary to achieve a successful system integration with the SMO
- Ensure that the solution achieves the expected functionality, performance and other characteristics
- Explain the methods and results for testing the Open RAN solution in the lab
- Explain the field test process to evaluate the performance and functionalities of the new Open RAN network deployment

### COURSE MODULES

- Introduction - Open RAN System Integration (II) - Integration and Testing
- System Integration Overview
- Testing Environment
- Vertical Integration
- SMO Integration
- Open RAN E2E Testing Methodology and Configuration
- Open RAN E2E System Tests in a Controlled Environment
- Open RAN Field Testing