

Distributed Unit (DU) and Centralized Unit (CU) analysis

This Learning Program provides a detailed vision of the architecture and functionalities of the DU and CU as well as the HW that supports it and the implementation and integration scenarios.

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

- Characterize at a low level the HW that supports DU and CU.
- Identify the different applicable scenarios and understand where to place each network function.

COURSE MODULES

- Introduction - Distributed Unit (DU) and Centralized Unit (CU) Analysis
- DU and CU split architecture
- How to: run the bandwidth calculation for DU and CU
- DU Architecture and Requirements
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- How to: Use of Information Models for CU & DU Parametrization
- DU and CU Hardware Platform
- How to: DU & CU HW Selection
- HW Acceleration Technologies
- Whitebox Programs
- How to: Assessment of Open RAN Implementation Scenarios