SIMULIA Antenna Placement Essentials

Course Code	SIM-en-ANTPL_F
Brand & Release	SIMULIA 2023
Duration	0.5 days
Level	Fundamentals
Prerequisites	None

Objectives:

This course is an introduction to the Antenna Placement app on the 3DEXPERIENCE platform. It teaches you how to import antenna models from CST Studio Suite and then evaluate their installed performance at positions on a selected platform (for example, a vehicle, an aircraft, or an electronic device). This course covers the complete simulation workflow from model setup, to simulation execution and postprocessing.

Class Structure:

Upon completion of this course, you will be able to:

- Perform simulations of installed antenn(s) using he 3DEXPERIENCE Platform
- Import and setup a 3DXML file, simulation execution in CST, and analyzing results using widgets on the platform
- Understand the Hybrid task solver and other solvers suitable for Antenna Placement applications
- Simulate a workshop model to understand the setup and simulation of the model on 3DEXPERIENCE platform

Class Lessons:

Lesson 1: 3DEXPERIENCE Antenna Placement Overview

Lesson 2: Hybrid Solver Simulation

Lesson 3: 3DEXPERIENCE Antenna Placement Interface