

# Introduction to the SIMULIA Execution Engine (SEE)

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 SIMULIA

## Day 1

- **Introduction to SEE for End-Users**

- Lecture 1 Introduction
- Lecture 2 SEE System Overview
  - Workshop 1 Running a Simple Model
- Lecture 3 Terminology and Management
  - Workshop 2 Using SEE Station Affinities
  - Workshop 3 Files and Running in Parallel
- Lecture 4 Library
  - Workshop 4 Running an Optimization Task & Accessing Results
  - Workshop 5 Publishing and Managing Models
- Lecture 5 WebTop
  - Workshop 6 Running Models via the WebTop and Accessing the Results

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## Day 2

- **Introduction to SEE for Power Users & Admins**
  - Lecture 6 Server Install and Requirements Overview
  - Lecture 7 Federation



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# Revision Status

Lecture 1	5/11	Updated for SEE 5.0
Lecture 2	5/11	Updated for SEE 5.0
Lecture 3	5/11	Updated for SEE 5.0
Lecture 4	5/11	Updated for SEE 5.0
Lecture 5	5/11	Updated for SEE 5.0
Lecture 6	5/11	Updated for SEE 5.0
Lecture 7	5/11	Updated for SEE 5.0
Workshop 1	5/11	Updated for SEE 5.0
Workshop 2	5/11	Updated for SEE 5.0
Workshop 3	5/11	Updated for SEE 5.0
Workshop 4	5/11	Updated for SEE 5.0
Workshop 5	5/11	Updated for SEE 5.0
Workshop 6	5/11	Updated for SEE 5.0



# Introduction

Lecture 1

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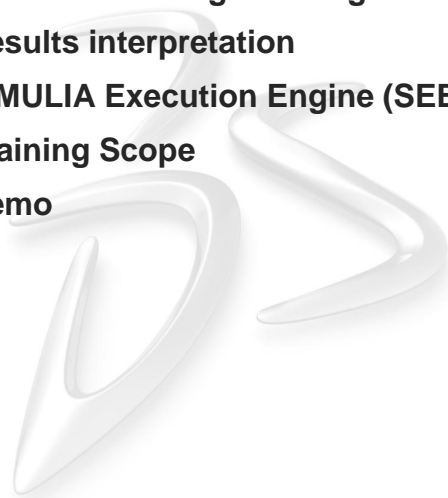
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## Overview

- **Workflow Automation**
- **Isight solution components**
- **Engineering Problem formulation**
- **Performance and Quality Improvement**
- **Automated Design Strategies**
- **Results interpretation**
- **SIMULIA Execution Engine (SEE)**
- **Training Scope**
- **Demo**

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# SEE System Overview

Lecture 2

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## Overview

- Challenges and Solutions
- Isight and SEE Technologies
- What is SEE About?
- How it Works
- Connecting To SEE

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Introduction to SEE

# Terminology and Management

Lecture 3

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## Overview

- SEE Terms
- Stations
- Building Models for SEE
- Job Management

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Introduction to SEE



# Library

## Lecture 4



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### Overview

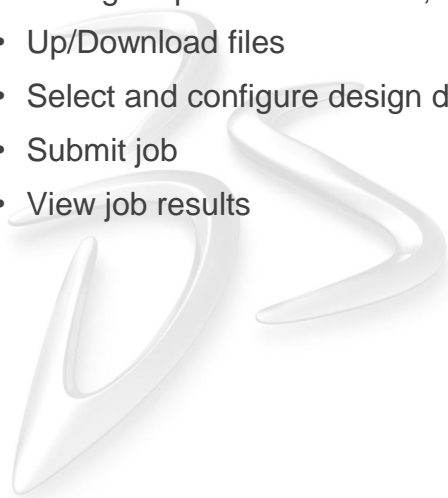
- Library Summary
- Access Control





## What Is The Webtop?

- A web browser based interface.
- Provides access to the SEE system from throughout your network.
- No additional software installation required on the client machine.
- For users who want to perform only basic operations:
  - Configure parameter values, constraints, objectives
  - Up/Download files
  - Select and configure design drivers
  - Submit job
  - View job results



# SEE for Power Users & Admins

Lecture 6

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## Overview

- **Server Install and Requirements Overview**
- **Server Security Models**
- **Command Line Tools**
- **Databases**
- **Debugging The Server**
- **Debugging SEE Jobs**
- **ACS Properties File**
- **Station Management**
- **System Status Monitoring**
- **Running Stations as a Service**
- **System Backup Procedures**

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# Federation

Lecture 7

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## Overview

- Federation
- SEE DRM

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