



*Hands on, Measurable  
Training Programs*

## SmarTeam Customization Essentials (API)

Course Code	EDU-ENOV-en-ESC-F
Brand & Release	Enovia SmarTeam V5R19
Duration	4 days
Level	Advanced
Prerequisites	<ul style="list-style-type: none"> <li>Completed ST Editor and ST Administration or familiarity with SmarTeam usage and Administration.</li> <li>Background in Visual Basic, VB.NET (all exercises are in VB and VB.NET)</li> <li>Job responsibility typically includes programming and/or modifying code</li> </ul>

### Objectives:

In this course, students will learn how to write code to customize SmarTeam operations, write their own applications to use SmarTeam functionality, and how to write customizations for the Web Editor.

### Class Structure:

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

- Customization and Enovia ST Environments
- Programming in ENOVIA SmarTeam
- ENOVIA SmarTeam Scripts
- Scripting Approaches
- Introduction to ENOVIA SmarTeam API
- SmApplic Basic Objects, Object Management
- SmRecList Objects
- Hooking Scripts on Event
- SmApplic – Advanced Functionalities
- Add-In Services
- ENOVIA SmarTeam – GUI Services, Workflow Library, Security Functionalities

### Class Exercises:

- Building a Class Library
- Display a Hello World Message
- Using SmApplic Basic Objects
- Using SmRecList Objects
- Using SmApplic – Object Management
- Hooking Scripts on Events
- SmApplic – Advanced Functionality
- ENOVIA SmarTeam GUI Services
- ENOVIA SmarTeam Workflow
- ENOVIA SmarTeam Security Functionalities