

V6 Learning Path

Service Providers Partners



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Role Description



ENOVIA V6 Software Architect

<p>Role</p> <ul style="list-style-type: none"> Define, propose and ensure the development of the right Software architecture enabling the successful implementation of the Business Solution for the customer 	
<p>Activities</p> <ul style="list-style-type: none"> During presales activities, work with the solution architect to bring programming expertise and recommendations on customer projects Build or contribute or lead in the definition of the Statement of Work (SOW) Translate from the functional specifications into technical detailed specifications through PLM technical use cases Define the required development environment, scenario tests and ensure deployment alignment with R&D best practices Interlock with R&D to resolve technical applications development issues Manage product development for BPA if applicable Capitalize on project deliverables to ensure reusability 	<p>Relationship</p> <ul style="list-style-type: none"> Project team R&D Customer Subcontractors, Partners
	<p>Hard Skills</p> <ul style="list-style-type: none"> Articulate Corporate strategy and vision Apply knowledge of software architecture Apply knowledge of consulting skills to situational contexts Demonstrate familiarization with Programming languages associated to DS Portfolio applications (C++, CAA, Java J2EE, web technologies) Demonstrate familiarization with a Development environment Demonstrate the ability to define and develop an use case Demonstrate a good understanding of the DS Portfolio Demonstrate the consistent use of project management techniques Demonstrate basic Industry knowledge Demonstrate proposal writing ability Demonstrate oral and written proficiency with the English language
<p>Key Performance Indicators</p> <ul style="list-style-type: none"> Customer satisfaction based on meeting the functional specifications Quality of technical specifications (with respect to software quality standards) Achieving projects deadlines 	<p>Soft Skills</p> <ul style="list-style-type: none"> Exhibit Listening abilities Exhibit the ability to articulate situations or issues to multiple stakeholders Demonstrate the ability to work under pressure Demonstrate professional rigor Ability to react to situational changes

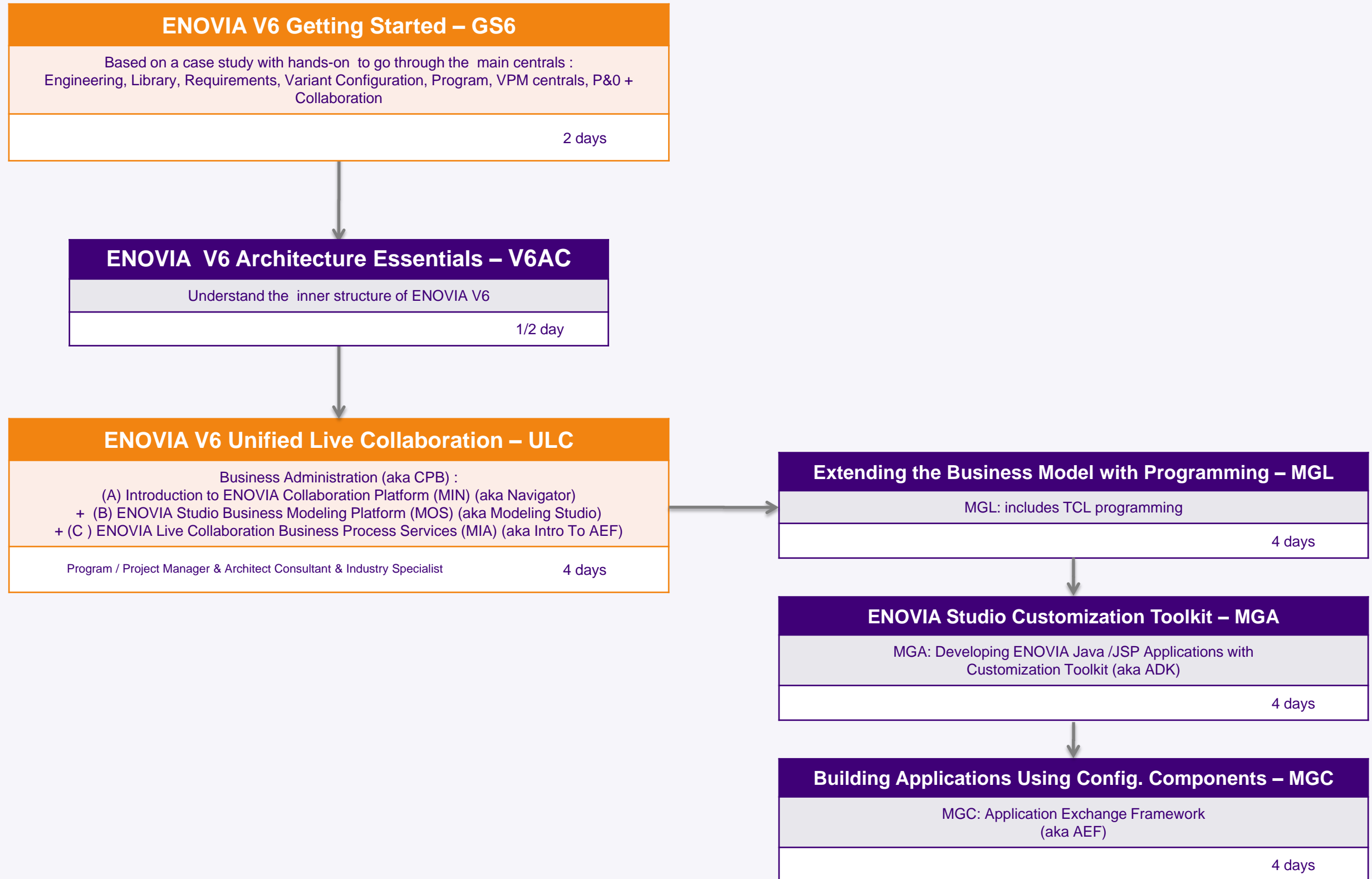
ENOVIA V6 Deployment Architect

<p>Role</p> <ul style="list-style-type: none"> Define the right architecture to secure the Enterprise deployment supporting the Business Solution implementation 	
<p>Activities</p> <ul style="list-style-type: none"> During presales activities, work with the Solution Architect, to bring infrastructure expertise and recommendations on customer projects. Built or contribute to in the definition of the Statement of Work (SOW) Drive the hardware / network / infrastructure assessment Design and document a technical Architecture Guide related to the customer's PLM infrastructure setup and deployment, and the integration of DS Solutions within the customer's current information system Provide support during the deployment and/or production stage Share expertise with customer on change management regarding infrastructure processes Identify and develop additional software and services revenues opportunities, if applicable Capitalize on project deliverables to ensure reusability 	<p>Relationship</p> <ul style="list-style-type: none"> Project team R&D, Support teams, Sales team Customer Subcontractors, Partners
	<p>Hard Skills</p> <ul style="list-style-type: none"> Articulate Corporate strategy and vision Demonstrate proficiency in Overall Enterprise Architecture and administration (ex: Databases, Application Servers, Web servers, Middleware Protocols, Network, integration, PCS, ...) Demonstrate a good understanding of the DS Portfolio Demonstrate proposal writing ability Apply knowledge of consulting skills to situational contexts Demonstrate the consistent use of project management techniques Demonstrate oral and written proficiency with the English language
<p>Key Performance Indicators</p> <ul style="list-style-type: none"> Acceptance of the Technical Architecture Guide by the customer Customer satisfaction on PCS KPI's Timely resolution issues during the deployment phase and/or production phase 	<p>Soft Skills</p> <ul style="list-style-type: none"> Exhibit listening abilities Demonstrate adaptability Exhibit the ability to articulate situations or issues to multiple stakeholders Demonstrate the ability to work under pressure

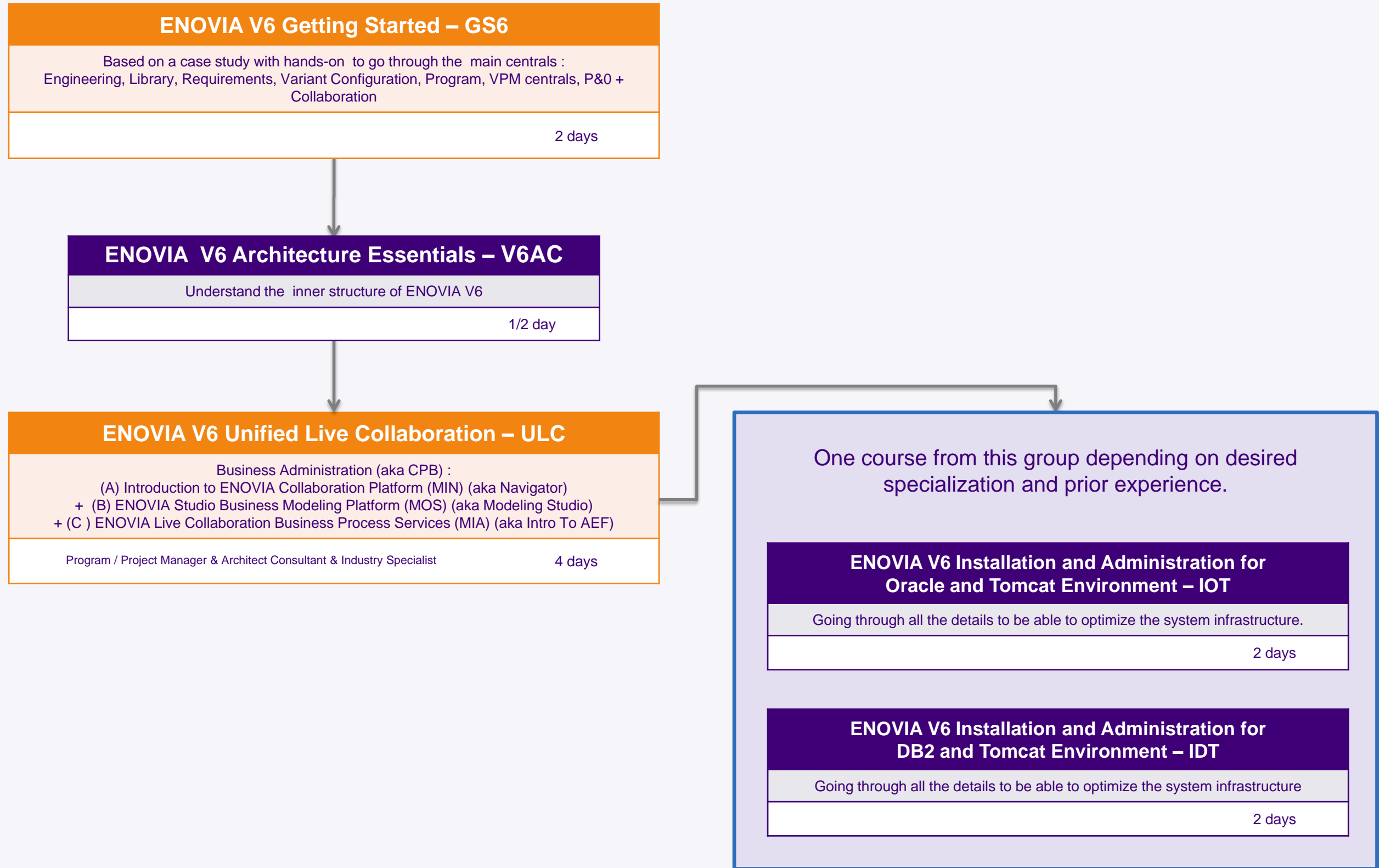
V6 Learning Paths



ENOVIA V6 Software Architect



ENOVIA V6 Deployment Architect



Course Details



Building Applications Using Configurable Components

Course Code	EDU-ENOV-E-MGC-F
Available Release	ENOVIA 10.8
Duration	32 hours
Available Language	English
Level	Fundamentals
Audience	Business Administrators and developers who are responsible for customizing and maintaining ENOVIA's applications or who are creating their own applications using AEF.
Description	This course teaches you how to build and customize an application using the Application Exchange Framework (AEF). The AEF provides the foundation for the ENOVIA Collaborative Business Process Applications.
Objectives	n/a
Prerequisites	<p>This course fits into the overall Matrix training curriculum. Prior to taking this course, you should have successfully completed following courses:</p> <ul style="list-style-type: none">• Business Modeling• Extending the Business Model using MQL• Developing JSP Applications using Matrix ADK (recommended but not required) <p>In addition, you should have the following skills and experience:</p> <ul style="list-style-type: none">• Comfortable working knowledge of Matrix product line.• Some exposure to JSP functionality and technology.
Available Online	No

Course Code	n/a
Available Release	n/a
Duration	32 hours
Available Language	English
Level	Fundamentals
Audience	n/a
Description	n/a
Objectives	n/a
Prerequisites	n/a
Available Online	No

Course Code	ENOV-en-V6AC-F-V6R110
Available Release	V6R2011
Duration	4 hours
Available Language	English
Level	Fundamental
Audience	<ul style="list-style-type: none">• System Administrator• Application Architect
Description	This course will teach you the physical and logical architecture of ENOVIA V6. You will learn about the various IT components in a V6 environment and their relationships. You will also learn the underlying principles for a successful ENOVIA V6 installation.
Objectives	Upon completion of this course you will be able to: <ul style="list-style-type: none">• Understand the architecture of ENOVIA V6• Draw the relationship diagram between various IT components of ENOVIA V6 environment• Create the logical architecture of ENOVIA V6 deployment• Plan the security and network infrastructure for ENOVIA V6
Prerequisites	None
Available Online	Yes

ENOVIA V6 Getting Started

Course Code	ENOV-en-GS6-F-V6R100
Available Release	V6R2010
Duration	16 Hours
Available Language	English
Level	Fundamental
Audience	Generic Users
Description	In this course, you will discover the essentials concepts of ENOVIA V6.
Objectives	<p>At the end of this course participants will be able to:</p> <ul style="list-style-type: none">• Understand the essential concepts of PLM 2.0 and ENOVIA V6.• Discover the ENOVIA V6 Architecture.• Understand that V6 covers all the lifecycle of a product.• Understand the differences between the applications.• Understand the data model.• Identify the main functionalities of each application.• Discover the tools of ENOVIA V6 administration.
Prerequisites	None
Available Online	Yes

ENOVIA V6 Installation and Administration for DB2 and Tomcat Environment

Course Code	ENOV-en-IDT-F-V6R110
Available Release	V6R2011
Duration	16 Hours
Available Language	English
Level	Fundamental
Audience	<ul style="list-style-type: none">• ENOVIA Administrators• Database Administrators
Description	This course will teach you the basics of ENOVIA V6 installation and administration. It will also teach you the architecture and underlying principles for a successful ENOVIA V6 installation. You will learn about the prerequisites and how to install them. In addition you will learn how to install the complete ENOVIA V6 environment for single site deployment in DB2 and Tomcat environment.
Objectives	Upon completion of this course you will be able to: <ul style="list-style-type: none">• Create the logical architecture of ENOVIA V6 deployment.• Identify the installation prerequisites.• Setup the prerequisites and DB2 database.• Install the ENOVIA V6 environment with the collaboration server.• Configure the Dassault Systemes licensing server.• Perform basic administration tasks such as creating users, assigning the licenses.
Prerequisites	Students attending this course should know DB2 database basics, application server concepts and deployment.
Available Online	Yes

ENOVIA V6 Installation and Administration for Oracle and Tomcat Environment

Course Code	ENOV-en-IOT-F-V6R110
Available Release	V6R2011
Duration	16 Hours
Available Language	English
Level	Fundamental
Audience	<ul style="list-style-type: none">• ENOVIA Administrators• Database Administrators
Description	This course will teach you the basics of ENOVIA V6 installation and administration. It will also teach you the architecture and underlying principles for a successful ENOVIA V6 installation. You will learn about the prerequisites and how to install them. In addition you will learn how to install the complete ENOVIA V6 environment for single site deployment in Oracle and Tomcat environment.
Objectives	Upon completion of this course you will be able to: <ul style="list-style-type: none">• Create the logical architecture of ENOVIA V6 deployment.• Identify the installation prerequisites.• Setup the prerequisites and Oracle database.• Install the ENOVIA V6 environment with the collaboration server.• Configure the Dassault Systemes licensing server.• Perform basic administration tasks such as creating users, assigning the licenses.
Prerequisites	Students attending this course should know Oracle database basics, application server concepts and deployment.
Available Online	Yes

ENOVIA V6 Unified Live Collaboration

Course Code	ENOV-en-ULC-F-V6R2010
Available Release	V6R2011
Duration	16 hours
Available Language	English
Level	Fundamental
Audience	Application Engineers Program/Project Manager, Application Engineers Architect Consultant, Application Engineers Industry Specialist
Description	<ul style="list-style-type: none">• Introduction to ENOVIA Collaboration Platform• ENOVIA Platform Modeling Studio• ENOVIA Business Process Services
Objectives	<p>At the end of this class, you will be able to:</p> <ul style="list-style-type: none">• Describe the ENOVIA Core Functionalities (from Matrix).• Diagram the basic schema and explain each of its objects and relationships.• Use the ENOVIA Matrix Navigator and Business Modeler Interfaces.• Create and connect business objects into the installed ENOVIA schema.• Test all aspects of the installed schema through the ENOVIA Matrix interface• Use the basic functionality of using MQL (Matrix Query Language)• Given a detailed problem analysis report, you will be able to design and implement a schema to provide a solution.• Describe the features of the AEF: Application Exchange Framework.• Install the AEF as a new database or over an existing database.• Evaluate an installation through its log file.• Understand and describe symbolic names.• Configure the login process.• Configure the default framework functionality.• Customize administrative objects.• Add Menus and Commands using Configurable Components of the Dynamic User Interface.• Effectively manage the AEF.
Prerequisites	ENOVIA V6 Getting Started
Available Online	No

Extending the Business Model with Programming

Course Code	EDU-ENOV-E-MGL-F
Available Release	ENOVIA 10.8
Duration	32 hours
Available Language	English
Level	Fundamentals
Audience	This course is intended for individuals that will be responsible for querying, maintaining or adding new administrative objects to the Matrix schema. This course also covers the Tool Command Language (TCL) and how to use TCL within Matrix to configure and extend Matrix applications.
Description	<p>Extending Business Modeling using Programming is designed to teach you how to take advantage of the powerful programmatic interface to Matrix which allows you to modify the current Matrix environment as well as extend Matrix functionality.</p> <p>You will learn the Matrix Query Language which allows you to query, modify and maintain a Matrix schema. You will also learn the Tool Command Language (TCL) which is used within Matrix to create Object Methods, Triggers as well as Business Wizards.</p>
Objectives	n/a
Prerequisites	<p>In order to successfully complete this course, you should have successfully completed the following courses (or have appropriate experience in the current version of Matrix):</p> <ul style="list-style-type: none">• Using Matrix Navigator• Business Modeling <p>Although a programming background is not required, it is helpful to have some knowledge of program logic. Exposure to Basic, C or any other high level language is also helpful.</p>
Available Online	No

Contact Information



Contact Information

- ▶ For more information on curriculum paths, courses, pricing or schedules, please contact us by email:

- Europe/Middle East/Africa
EMEA.Education@3ds.com
- Americas
AG.Education@3ds.com
- Asia-Pacific
AP.Education@3ds.com



- ▶ To register for a public enrolment class:

- <http://www.3ds.com/education/course-catalogs-classes/register-to-a-class-emea/>

The screenshot shows the Dassault Systèmes Education website. The top navigation bar includes links for Solutions, Products, Support, Education, Communities, Company, and Blog. The main content area is titled "EDUCATION" and features a "Course Catalogs" section. Below this, there is a "Register to a class" form with the following fields: Class Name* (dropdown), Location* (text), Starting date (text), Ending date (text), Company Name (text), First Name* (text), and Last Name* (text). A sidebar on the right contains an "Education overview" menu with items like DS University, E-learning, Course Catalogs & Classes, Certification, and Academia. A "Related link" section at the bottom of the sidebar points to "CANCELLATION POLICY".

