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# Using XBOM Manufacturing

## Introduction

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<b>Course Description</b>	<i>Using ENOVIA X-BOM Manufacturing</i> teaches you how to use the X-BOM Manufacturing Central application that is used in conjunction with the ENOVIA Engineering Central business application.
<b>Prerequisites</b>	You must have completed <i>Using ENOVIA Engineering Central</i> Instructor-Led or Web-based training course, or have previous experience with the ENOVIA application features.
<b>Audience</b>	The audience for the <i>Using ENOVIA X-BOM Manufacturing</i> is: <ul style="list-style-type: none"><li>• <b>Manufacturing personnel</b> who are responsible for viewing, defining and changing Manufacturing Bill of Materials.</li><li>• <b>PLM project users or project members</b> who have overall responsibility for managing/maintaining the ENOVIA X-BOM Manufacturing application.</li><li>• <b>Department Heads</b> to gain an overview of the capabilities of ENOVIA X-BOM Manufacturing.</li><li>• <b>Project Team Members and Team Leaders</b> to have a thorough understanding of ENOVIA X-BOM Manufacturing.</li><li>• <b>Business Administration and System Administration personnel</b> who will be responsible for maintaining the ENOVIA X-BOM Manufacturing application.</li></ul>
<b>Learning Objectives</b>	At the end of this course, you will be able to: <ul style="list-style-type: none"><li>• Define manufacturing planning information for a new product.</li><li>• Generate plant specific MBOMs from a design EBOM.</li><li>• Create Manufacturing Parts and add them to the MBOM.</li><li>• Release Manufacturing Parts via MCOs.</li><li>• Implement MCOs.</li><li>• Introduce changes to the design EBOM, release the new design EBOM and implement the changes in the affected Plant-specific MBOMs.</li><li>• Introduce Make-Buy Code changes to an MBOM of a single Manufacturing Plant using an MCO.</li><li>• Initiate manufacturing related changes in MBOMs of multiple Manufacturing Plants using an MECO.</li></ul>

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# Using XBOM Manufacturing

## Introduction

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### Learning Objectives, cont'd

- Initiate manufacturing deviation changes in MBOMs of Manufacturing Plants using DCRs.

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### Hardware Requirements

ENOVIA PC workstations set up for stand-alone ENOVIA use, equipped with the following:

- ENOVIA Studio Modeling Platform V6R2011
  - ENOVIA Live Collaboration Server V6R2011
  - Tomcat 6.0.20 or higher
  - ENOVIA Live Collaboration Business Process Services V6R2011
  - ENOVIA Engineering Central V6R2011
  - ENOVIA X-BOM Manufacturing Central V6R2011
  - DS License Server V6R2011
    - 100 \* CPF licenses
    - 100 \* ENG licenses
    - 100 \* MFG licenses
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## Agenda

Day 1	Time	Event
	8:45 - 9:00 AM	Introductions and Course Preparation
	9:00 - 10:00 AM	Unit 1 Introduction to ENOVIA X-BOM Manufacturing
	10:00 - 10:15 AM	<b>Break</b> 
	10:15 – 12:00 AM	Unit 2 Extended EBOM Planning and Automatic MBOM Generation on ECO Release
	12:00 - 1:00 PM	<b>Lunch</b> 
	1:00 – 2:00 PM	Unit 2, cont'd Extended EBOM Planning and Automatic MBOM Generation on ECO Release, cont'd
	2:00 – 2:15 PM	<b>Break</b> 
	2:15 – 4:30 PM	Unit 3 More Manufacturing Planning and Implementing MCOs

## Using X-BOM Manufacturing

### Day 2

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Time	Event
9:00 – 12:00 AM	Unit 4 Manufacturing Change Management

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