

**Managing Projects Using StarTeam
Web-Based Training**

Managing Projects Using StarTeam web-based training (WBT) provides a process and tool-oriented approach to planning a new StarTeam configuration or optimizing an existing configuration to support and enhance your software configuration management processes.

COURSE INFORMATION	
Course #:	CM_MSP06W
Format/Duration:	4-hours, self-paced, online
Audience:	Individuals tasked with defining the organization's configuration management processes and deciding how StarTeam will be implemented in the organization, anyone involved with the creation and management of projects and configurations in StarTeam
Pre-requisites:	<ul style="list-style-type: none">• StarTeam Essentials or StarTeam Essentials WBT• Working knowledge of the Windows operating system
More Information:	For more information, including course pricing and availability, please contact your local Borland office: BSC Polska, ul. Schroegera 32, Warsaw; phone (022) 864-14-65

COURSE OUTCOMES

A 4-hour, self-paced, tools-oriented course, Managing Projects Using StarTeam is for anyone planning a new StarTeam configuration or who wants to optimize their current use of StarTeam. The course examines the activities and processes required for effective software configuration management. The course focuses on the use of StarTeam to create and manage projects and product configurations, configure security policies, implement a change control process, and generate reports and charts to support configuration status accounting.

Upon completing this course, you will:

- Know how to efficiently represent physical projects in StarTeam, how to create StarTeam projects, and establish folder structures for StarTeam projects
- Understand the types of StarTeam views and their recommended applications, know how to use views to support parallel development or to provide restricted access to project artifacts, and be able to create and configure a view
- Be able to use labels and promotion states for managing configurations within views
- Know how to create StarTeam users, user groups, and configure security policies projects, views, folders, items, promotion states, and filter components
- Be able to manage changes in StarTeam using change request items and change request workflows, and know how to use process items and process rules
- Understand common types of Software Configuration Management (SCM) audits and metrics and be able to generate reports and charts for project status reporting

All concepts are taught through a combination of lecture-type presentations, demonstrations and practice tests.

Actual course content may vary and is subject to modification without notice.

COURSE CONCEPTS

Welcome and Introduction

- Course objectives
- StarTeam overview
- Case study review

Creating Projects

- Planning for a project
 - Creating an SCM plan
 - Mapping physical projects to StarTeam projects
 - Guidelines for selecting the project contents
- Creating a project
 - Using the New Project wizard
 - Guidelines for naming and organizing folders

Managing Configurations

- View types
 - Main types of views
 - Using the root view
 - Types of derived views
 - Branching
 - Types of variant views
 - Using a branch all view
 - Using a branch none view
 - Types of reference views
 - Using an updatable reference view
 - Using a read-only reference view
 - Using a non-derived view
- Working with views
 - Creating a view
 - Configuring the branch on change behavior
 - Configuring branching within a view
 - Sharing items
 - General guidelines on using views
- Using labels
 - The concept of StarTeam labels, label types
 - Creating view labels
 - Using view labels for identifying and managing builds
 - Using promotion states
- Merging, comparing, and rolling back views
 - Using the View Compare Merge tool
 - Rolling back views

Configuring Security Policies

- Adding users and groups
 - The concepts of StarTeam users and user groups
 - Adding users
 - Adding and configuring user groups
 - Guidelines for organizing user groups
- Granting access rights and privileges
 - The concepts of access rights and privileges
 - The hierarchy of access rights
 - Calculating access rights
 - Configuring access rights
 - Prerequisite access rights
 - Guidelines for configuring access rights
 - General recommendations for configuring StarTeam security policies.

Defining a Change Management Process

- Version control
 - The purpose of version control
 - Implementing version control for small and large teams
 - Guidelines for using StarTeam version control
- Change control
 - The purpose of change control
 - Change Management process
 - Default change request workflow in StarTeam
 - Customizing values of change request fields
 - Custom change request workflows
- Process items and process rules
 - Using process items
 - Enforcing process rules

SCM Auditing and Reporting

- Generating reports
 - Configuration status reporting
 - Customizing reporting
- Generating charts
 - Types of charts
 - SCM measures
 - Representing SCM measures on StarTeam charts
 - Using the chart toolbar

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