

DATASHEET

Professional Services Training

Whether you're looking for basic or advanced user training, basic or advanced admin training — or a custom course tailored to your specific needs or environment — our experts help you take full advantage of the powerful features and functionality in your software while helping you build and refine your organization's own knowledge and expertise with Perforce software.

Helix Core User Basic Training

This half-day course introduces you to the Helix Versioning Engine and prepares you to use it with confidence. You'll learn general concepts and practical skills, with opportunities to practice concepts and techniques in a lab environment. In this course, you will follow accelerated instruction to best understand the fundamental aspects of Helix, including process support via changelists, labels, and jobs, and to discover reporting techniques using Helix metadata.

COURSE AGENDA

- Helix system overview and user interfaces
- Overview of P4V preferences
- Basic user operations:
 - Creating workspaces
 - Working with files and changelists
 - Submitting changelists
 - Keeping workspaces in sync with the depot
 - File reporting and diffing

- Basic parallel development and process support:
 - Working with streams
 - Merging files
 - Resolving file conflicts
 - Copying up to trunk or mainline
 - Jobs and defect tracking
 - Time-lapse view
 - Revision graph
 - Introduction to shelving

Helix Core User Advanced Training

This 8-hour course includes everything in the Helix Core User Basic course. It also includes training on classic branching and workspaces.

Choose from either onsite (One 8-hour day) or online (Two 4-hour days) options.

COURSE AGENDA

Covers everything in the Helix Core User Basic course, plus:

- Managing streams
- Planning directory structure
- Working with components
- Workflow automation and integrations
- Labels
- Introduction to code reviews (Helix Swarm)
- Brief command line overview

Training for Game Devs – Artists and Admins

We have highly specialized knowledge in vertical markets such as game development, and we provide targeted, custom training and even Helix Core set-up services for artists, creatives, and your admins. Talk to your Account Executive or one of our experienced consultants for more information and to schedule a scoping call.

Helix Core Server Deployment Package (SDP) Training

We offer two training options to demonstrate and cover what you need to know to get started with SDP, which is used to manage a variety of Helix Core topology components, including those deployed in the cloud or on-premises. The SDP evolves with Helix Core, providing an ongoing reference implementation of many best practices of various kinds, from routine maintenance (zero downtime checkpoints) to performance optimization and much more.

Choose from a shorter online training option (One 3-hour session) or a longer engagement (six total hours broken into two or three days).

If you're interested in a lab environment to perform your own SDP delivery, we have an option to support you.

Helix Core Admin Basic Training

This 8-hour course teaches you how to establish best practices for better long-term success. You will gain a mastery of Helix Core, making you less likely to encounter scaling, performance, and project problems that impact productivity. This course covers topics essential to administering Helix, including basic deployment architecture, backup and recovery, and more.

Choose from either onsite (One 8-hour day) or online (Two 4-hour days) options.

COURSE AGENDA

- Installation
- Depots
- Setup
- Helix Server Jobspec
- LDAP / AD (Intro)
- Maintenance
- Backup and recovery
- Monitoring
- Protections
- Trigger Capabilities Overview

WHAT YOU'LL LEARN

- A firm understanding of how to administer Helix Core.
- Backup and recovery procedures to protect data against losses, and how to recover in the event of an emergency.
- Day-to-day care and feeding of the server installation, rotating logs, and routine maintenance.
- Protections and access controls.
- How to integrate Helix Core jobs with external defect trackers.
- How to monitor the server.
- An overview of trigger capabilities for policy enforcement, systems integrations, etc.
- An overview of the Server Deployment Package (SDP).

Helix Core Admin Enterprise Training

Enterprise environments and product development projects are growing more complex. In this course, you will gain a deeper understanding of Helix Core administration with instruction that covers topics essential to administering Helix, including basic deployment architecture, backup and recovery, and more — while diving deeper into comprehensive tactics for administering Helix Core in large and geographically distributed enterprise environments.

Choose from either onsite (Two 8-hour days) or online (Four 4-hour days) options.

COURSE AGENDA

Covers everything in the Helix Core Admin Basic course, plus:

- Replication – Introduction
- Broker
- Full Distributed - Edge Servers
- Security
- Advanced Maintenance
- Advanced Tools
- Offline Checkpoints
- Scripting
- LDAP / AD (Advanced, includes Group Sync)

WHAT YOU'LL LEARN

Content covered in the Helix Core Admin Basic course, plus:

- P4Broker, P4Proxy, and replication for scaling to global deployments
- Advanced topics in security, LDAP, Active Directory
- Advanced administration of large numbers of users, branches, and locations
- Tools available from Perforce to ease administration
- An introduction to scripting automation with Helix

Battle School: Interactive Problem Solving + Debugging

Learn to plan a Helix Core deployment architecture that meets typical enterprise requirements.

Learn the critical thinking and problem-solving skills in a variety of simulated failure scenarios.

PREREQUISITES

- Prior hands-on experience administering Helix Core.
- Basic familiarity with Linux OS (our hands-on labs are run on Linux). The underlying principles of Helix Core can be applied to all other supported operating systems such as Windows and UNIX.
- Helix Core User Basic and Advanced, Helix Core Admin Basic, and Helix Core Admin Enterprise, or comparable hands-on experience.

COURSE AGENDA

Part 1: Deployment Architecture Planning

We'll explore the following topics related to planning an enterprise deployment architecture:

- High availability and how to limit downtime and data loss in common failure scenarios.
- Disaster recovery and how to provide for business continuity in the event of a site-wide disaster.
- Failover terminology and common failover options, such as local failover (same machine), high-availability failover, and disaster recovery failover.
- Globally distributed development and how to take advantage of proxies and replicas to support multiple development sites and remote users.
- Capacity planning and how to support many demanding users.
- Comprehensive digital asset management, including version control for much more than source code.

Part 2: Battle School Labs

The Battle School Labs will test how much knowledge administrators can quickly apply when disaster strikes. In a virtual lab environment, we simulate nasty things happening to Helix servers. Then, we help you learn the skills and knowledge to repair and recover from the damage in a variety of failure scenarios. We will help you determine what problems you are facing in each scenario and examine the critical thinking required of an admin in a firefight.

Custom Training

Helix Core training can be tailored to your organization's specific needs, whether online or on-site. We will work with you to design a package that best fits your organization's needs. Schedule customized training with our team of consultants across all Helix components, including Helix4Git, DVCS, Helix Swarm, and others. Your custom training can focus on any platform tools to optimize your product development processes.

Objective-Based Training and Workshop-Style Training

Among our popular customized training options, we offer a cost-effective, “journey-style” program that’s conducted in the form of a class where an experienced Perforce trainer will collaborate with your participants in your own environment to achieve specific training objectives.

- Extra value is realized through this collaborative approach, with added insights achieved by comparing lab results with your production environment where it makes sense. We typically conduct these trainings as shorter sessions – like a college course – where we’ll meet several times per week for a few hours per session to address your specific objectives.

We also offer a customized workshop-style training program. Think of it as a “brown bag lunch” training where you bring your detailed questions, and we tackle them in a custom forum for you.

- This style of training is well suited for those with Helix Core experience who want to strengthen their knowledge about certain features, such as learning about advanced streams or setting up a review process for art assets.

Talk to your Account Executive or one of our experienced consultants for more information and to schedule a scoping call.

Get Started Today

We are committed to providing comprehensive training programs that help you get the most from your investment in Perforce software by mastering the considerable capabilities available to you.

Contact us today to take advantage of one of our training courses or to schedule a call where we’ll discuss your custom training requirements.

www.perforce.com/request-training

Due to COVID-19, classes currently are being conducted virtually to ensure the safety of our customers and trainers. As pandemic restrictions are fully lifted and demand returns for on-site training, we will resume our on-site course availability.