



Accelerate TSPSM Adoption with Online PSPSM Training

Many software organizations have dramatically improved code quality, project planning, and developer productivity using the Team Software ProcessSM (TSP).

For software organizations seeking to improve the way they develop software, one of the biggest deterrents to TSP adoption is the **initial training overhead**. Releasing developers to attend the required Personal Software ProcessSM (PSP) classroom training can be difficult, especially when team resources and development schedules are so tight.

The challenge is multiplied if you need to train large numbers of developers across multiple locations. For many, the only viable and practical option is an online solution that lets developers complete the PSP requirement without leaving the office.

Online PSP Learning Solution

InnerWorkings is collaborating with the Software Engineering Institute (SEI) to offer a comprehensive and fully accredited program of online learning content for the PSP. InnerWorkings **PSP Fundamentals**, the first installment of this program, covers the prerequisite skills that software developers need to participate fully in TSP teams.

Developed in close partnership with the SEI, it provides a flexible and scalable alternative to PSP classroom training, saving you time and money in your TSP adoption.



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SMPSP is a registered service mark of Carnegie Mellon University.
SMTeam Software Process is a registered service mark of Carnegie Mellon University.
SMPersonal Software Process is a registered service mark of Carnegie Mellon University.

With our PSP online learning solution, you can:

- Deploy flexible PSP online training that scales across multiple, globally distributed teams
- Eliminate developer travel costs and minimize disruption to development schedules
- Promote greater opportunities for on-the-job learning and leveraging any scheduled downtime
- Deliver a consistent approach to PSP training across all company locations
- Access top-quality, SEI accredited learning through a SaaS learning model
- Tap into a dashboard of management data offering immediate visibility into individuals' and teams' PSP training progress and performance



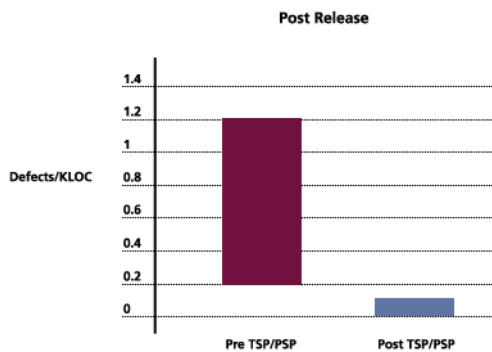
PSP Fundamentals Course Content

InnerWorkings **PSP Fundamentals** is comprised of five, highly-interactive, exercise-driven modules covering the basic planning, tracking, and quality principles of software development with PSP.

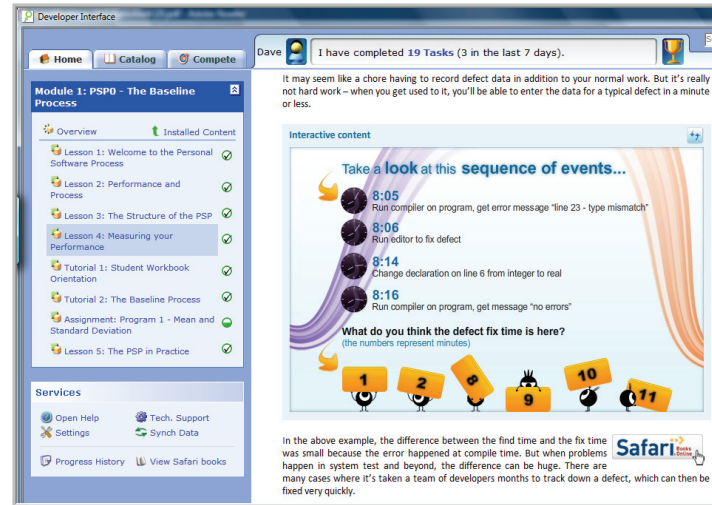
TSP Key Benefits

SEI studies show that TSP delivers the following benefits:

- Following implementation of the TSP, team productivity improves by over 70% on average
- The typical code defect rate is 17 times lower than that achieved by CMMI Level 5 certified software organizations
- Accelerated CMMI progression — using TSP, one organization moved from Level 2 to 4 in only 16 months instead of the expected 50
- Software developed by TSP teams passes system and acceptance test faster and any bugs found are fixed earlier
- With increased insight from past efforts and less dependence on testing, TSP teams estimate their schedules and effort more accurately



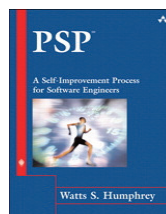
For more information about TSP and these results, visit the [Compilation Data](#) area of the SEI website.



- Module 1: PSP0- The Baseline Process
- Module 2: PSP1 - Estimating using PROBE
- Module 3: PSP2 - Improving Software Quality
- Module 4: Scheduling, Tracking, and the TSP
- Module 5: Putting the PSP to Work

The training includes a set of substantial programming assignments that enable developers to practice their PSP skills immediately and start establishing real data for ongoing use.

PSP Fundamentals also blends the best elements of traditional training by supporting access to SEI-authorized PSP Instructors (called LiveGuides) who assess and grade trainees' assignments, and answer questions as they arise. Through integration with [Safari Books Online](#), the course also provides online access to the entire Watts Humphrey book "PSP, A Self-Improvement Process for Software Engineers".



PSP, A Self-Improvement Process for Software Engineers
[Click to view a detailed discussion on the principles that can be applied to personal reviews.](#)
9.3 Review Principles, p. 168

To find out more about InnerWorkings' PSP online learning program or to start a free evaluation, contact sales@innerworkings.com.

