



Design Process Re-Engineering

The QuickRampSM solution for rapid verification.

You have heard it in the press, and it's absolutely true -- verification is the number 1 problem in complex SoC and system design. It's growing exponentially and product development schedules are exploding. How can you ensure that your verification project is done on time and done right? How do you exploit the power of new verification tools like Specman Elite? Where can you get quick access to verification gurus who deeply understand your verification problems?

Check out the Qualis Verification QuickRamp. This unique consulting package pulls together methodology training, testplan development, and verification infrastructure deployment for quickly deploying a verification project and advanced verification tools. Whether your project uses Specman e, Verilog or VHDL, in just three weeks we address the 3 crucial aspects of product verification:

- **Methodology training.** Qualis provides onsite advanced verification methodology instruction that is customized to the project team's knowledge needs and to the project's goals. The lectures are interspersed with joint methodology consulting tasks and with other hands-on work for the project under development. The team applies the lessons learned directly and immediately to their current project, minimizing language and methodology ramp-up time.
- **Testplan development.** Through planning sessions facilitated by a Qualis Verification Consultant, the project team strategizes on its verification approach and creates a *Conformance Verification Plan*. This document identifies the test strategy and testbenches needed for verification success and prioritizes them according to project criticality. In addition, Qualis helps jumpstart the plan execution by helping create initial testcases.
- **Infrastructure deployment.** Qualis collaborates with the project team by fusing the best of *your* existing verification infrastructure with a proven, best-practice verification strategy. All aspects of a modern verification infrastructure are addressed including test harness definition and bus functional model strategy, and team workflow issues like directory structure, scripting, revision control and bug tracking. Qualis helps take the uncertainty out of how best to create a world-class verification infrastructure that ensures schedule predictability and focused teamwork.

Tailored to your special needs.

We know that your project and team have special needs and constraints. That's why we tailor our QuickRamp package to match the project circumstances and skill level of the team. Our QuickRamp is ideal for diverse teams of varying needs, including:

- New verification teams or users of new verification tools who are looking for a fast ramp on the language and verification best practices.
- Engineers who haven't reached the verification productivity levels they expected from adopting new tools and methods.
- Seasoned verification teams that simply lack timely access to other in-house experienced resources.

Certainty. Confidence. No surprises.

Our QuickRamp helps you establish certainty that your verification project will complete on-time and with no last minute surprises. And we know you've invested a lot of money in EDA tools that promise fantastic productivity potential. Our QuickRamp ensures that your next verification project gets off the ground quickly and in the right direction, helping you avoid getting burned by using a new tool or methodology the wrong way.

Schedule your QuickRamp today.

We're ready to work with you and your team, applying our deep knowledge in verification to your goals. We'll help shorten the time it takes to get those testbenches written, and you'll see a big leap in the progress of your critical project. And best of all, the knowledge of how to do it again stays with you. Call us today to discuss your special needs. In **North America**, call [Bob Barnett](#) at +1-503-968-8563, and in **Europe and Israel**, call [Andy Betts](#) at +33 (0)4 76 61 88 56.

QuickRamps are available for Specman e, Verilog or VHDL projects. To further accelerate project deployment, Quickramps can also be extended, and can be combined with the deployment of Qualis [Verification Components](#).

You can read more about QuickRamps in our online [flyer](#) (PDF 54KB).

- [Training Overview](#)
- [Verification Components](#)
- [Careers Home](#)
- [Library](#)

This web page has three purposes. It peaks visitor's interest by offering a solution to beating the competition to market. It echoes the corporate strategic messages by offering a customized, leading-edge solution. It offers more information by linking to a downloadable, printed brochure. The goal was to have visitors call Sales for full information. Drafted, edited, and implemented the web page. Qualis is a verification IP, consulting, and training firm.