

Spec-TRACER™ | Requirements Lifecycle Management

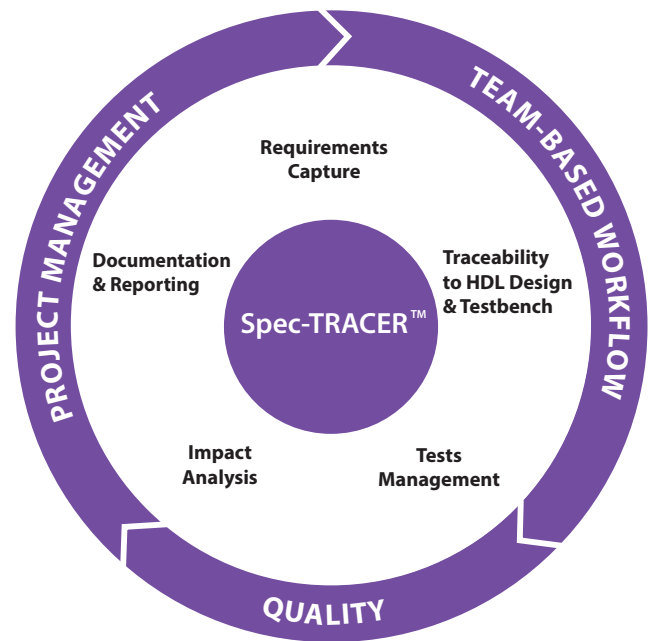
Complete Requirements Lifecycle for FPGA/ASIC Development

Spec-TRACER™ is a unified requirements lifecycle management application designed specifically for FPGA and ASIC designs. Spec-TRACER facilitates requirements capture, management, analysis, traceability and reporting that seamlessly integrates with HDL design and simulation tools. Traceability links between requirements and elements of the HDL design, testbench, log files and waveforms are established easily and upstream/downstream traceability reports are generated automatically.

Spec-TRACER helps manage, control and track requirements from specification to requirements, concept to design and verification plans to results.

Top Features

- Requirements Import (Word, Excel, DOORS)
- Traceability to HDL design and testbench
- Direct Integration to DOORS
- Tests Management
- Change Impact Analysis
- Requirements Coverage Analysis
- Predefined and User-defined Reports
- Version and Baseline Control at Requirements Level
- Supports Windows-Based HDL Simulators (Active-HDL™, Riviera-PRO™, QuestaSim®, ModelSim®, iSim®)
- Supports DO-254 Requirements Traceability



Take control of your Requirements

FPGA and ASIC designs continue to grow both in size and complexity, increasing the requirements that must be managed, tracked, implemented and verified. Engineers are under pressure to deliver high quality products on time and within budget, yet requirements change frequently during the project lifecycle, impacting other project elements leading to more changes and rework. Safety-critical applications face greater challenges with strict requirements-based development processes required to achieve compliance.

Combining a team-based methodology with project baseline configuration control, Spec-TRACER helps companies streamline the requirements engineering process, optimize the development cycle, improve collaboration, and reduce risk and costs.

