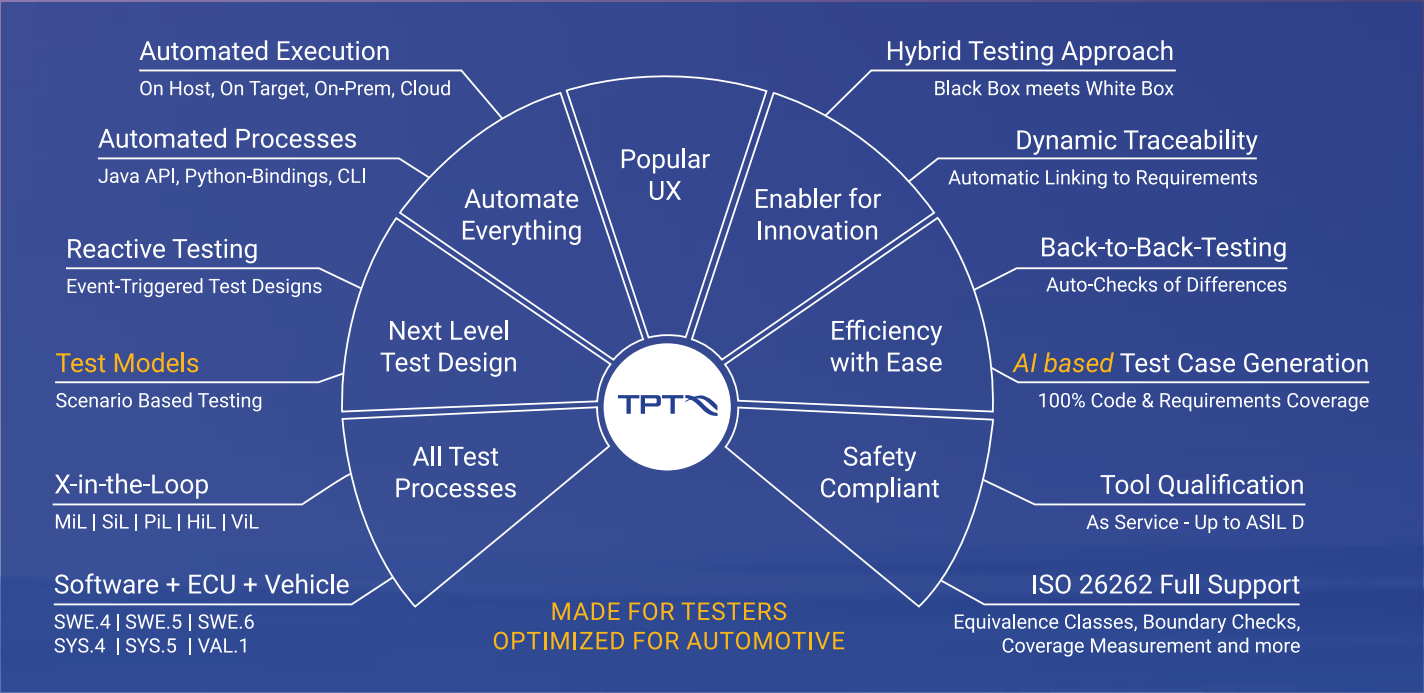


TPT Test Automation Framework

TPT a leading Automotive Test Automation Platform for Software-In-Loop, Model-In-Loop (Simulink Models), Processor-In-Loop. Vehicle-In-Loop testing and even AUTOSAR SWC testing. Most automotive OEMs and TIER 1s have been using TPT to build comprehensive test automation suites quickly and effortlessly for different test environments.



FEATURES	DESCRIPTION
Test Automation	Automates unit, integration, and system-level testing for embedded software.
Model-Based Testing	Supports MATLAB/Simulink, dSPACE TargetLink, ASCET, and AUTOSAR.
Model Coverage Analysis	Targets model coverage goals like MC/DC or branch coverage
Automatic Test Case Generation	Automatic Test Case Generation <ul style="list-style-type: none"> • For 100% Model & Code Coverage • For 100% Requirements Coverage • Based on Formal Requirements • Based on test data/equivalence classes/variants/value rangesTT
ECU Testing	Runs tests on real ECUs, HiL, PiL, MiL and SiL platforms.
Back-to-Back Testing	Compares MiL, SiL, PiL, and HiL test results for consistency.
Requirements-Based Testing	Ensures traceability with requirements captured in all popular Requirement Management Tools/PLM tools (DOORS, Polarion, Codebeamer)
Code Coverage Analysis	Measures MC/DC, condition, decision, and statement coverage.
ISO 26262 Compliance	Certified tool for safety-critical automotive software testing.