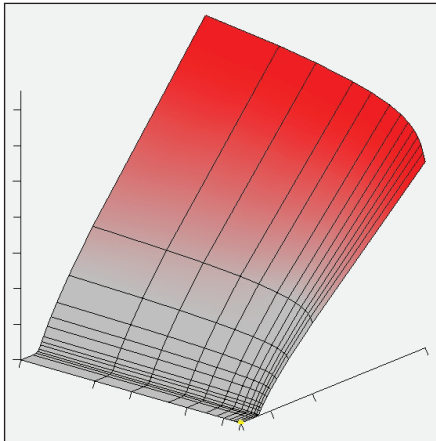
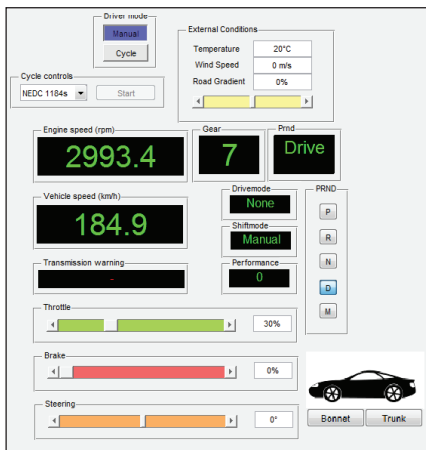


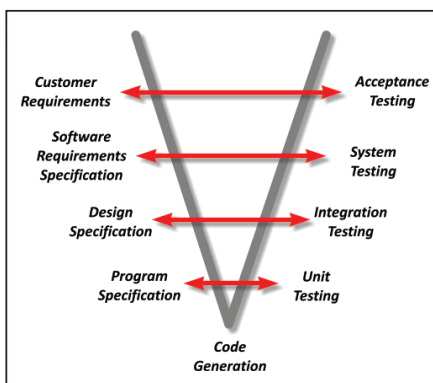
Torque Transfer Solutions™



3D Calibration Map



Vehicle Simulation Interface



V-Cycle

Software Integration Activities

- Integration of customer and TREMEC software components
- Integration of third party software modules

Software Calibration

- Calibration of low and mid-level software components
 - Pressure control
 - Clutch filling
 - Gear force and position control
 - And more
- Calibration of high level software components
 - Different launch modes
 - Comfort and sporty shifting
 - Automatic shift strategy

Simulation Capabilities and Expertise

- Our simulation expertise covers:
 - High fidelity component simulations
 - Used in early stages of hardware design
 - Simulation of complete systems
 - Optimized system behavior
 - Vehicle plant modeling
 - Validation of application software

Software Methodology and Tooling

- Compliant to IEC 61508
- Compliant to ISO 26262
- AUTOSAR compliant
- dSpace Systemdesk software integration
- Matlab Simulink development environment
- dSpace TargetLink auto code generator
- MIL-SIL-PIL-HIL testing
- CCP/XCP measurement and calibration tooling