VERIFICATION & VALIDATION SOLUTIONS

CUSTOM TEST EQUIPMENT
- Compact Automated Test Electrical Test Modular System
- Virtual Remote Control System
- Automated Verification for Integrated Design
- Fault Injection System & In-Circuit Testing
- EOL & Automated Validation

JOB & FIXTURE
- Fixtures
- Test Bench Development
- Load Box
- Wiring Harness
- Breakout Box
- Switching Box

SPECIALIZED SOLUTIONS
- Connectivity Test Center
- IoT Testing
- Automation Network Testing
- OTA Validation

EMBEDDED V&V SERVICES
- Plant Model Simulation
- Vehicle Dynamics
- RL Engineering (MIL, SIL, HIL)
- Testing Services & Solution
- Test Consultancy
- Virtualization

RELIABILITY & EMI/EMC VALIDATION SERVICES
- Radiated Testing
- Conducted Testing
- ESD Testing
- Vibration & Thermal Testing
- Climatic Testing
- Salt Spray Testing
- ISO Standards for Reliability and V&V

NOISE VIBRATION HARDNESS (NVH)
- Modal Testing
- VSI Simulation
- Acoustics and Vibration Measurement
- SHENT - AI Platform

END TO END CONNECTED SYSTEMS VALIDATION

Cloud

Device
- Reliability Testing
- EMA/EMC Testing
- NVH Testing
- Mechanical Validation
- Scalability Testing

WiFi, BT, Cellular, Connectivity
- Mobile Operator Network Testing
- Interoperability Testing
- Penetration Testing
- Vulnerability Assessment
- SOTA/FOTA Testing
- Protocol Testing

IoT Platform On-Prem/Cloud
- Cloud Functionality Tests
- Integration Testing
- Micro-service Testing
- Cloud Performance Testing
- A/I/ML Testing

Web Application, Apps, UI
- Web Application Testing
- Graphical Test System
- DCR based Application
- Android UI based Testing
- API Testing
- Performance Testing

VERIFICATION & VALIDATION SOLUTIONS

connect.bgsw@in.bosch.com