



## CASE STUDY – Telecom Protocol Conformance

### Client

Client is a Leading 2.5G/3G Operator.

### Context

The application with the client is to be tested on details to be captured on the Model, applications etc and the protocol to followed on voice / Data transfer Protocol to be followed. A robust Protocol Conformance Testing.

### Solutions

#### Application Testing

- Model Testing
- Live Testing
- Drive Testing
- Standalone Applications
- Network Dependent Applications
- Pre-loaded Applications
- Protocol Conformance Testing
- System Simulator Testing
- GSM / GPRS / EDGE
- UMTS / HSDPA / HSUPA
- Inter System Handover
- Inter Band Handover

### Business Benefits Delivered

- Increased Test Coverage
- Stability, Performance and Regression tests
- Tests for new Applications
- Enhancements to existing applications tests
- MIDP 1.0 / 2.0 tests
- Custom Functional Scenarios : Data Throughput, HSDPA / HSUPA scenarios, End to End data call etc
- Application Test Automation