



# AUTOMATED TESTING SOLUTION AND SERVICES

Ensure **zero-fault production**, **enhance test coverage** and **faster time to market**, all while **optimizing costs** and unlocking **revenue generation**, with R Systems' automated testing services!

With **zero-touch test definition** and **low-code adaptability**, our testing services streamline workflows, supporting continuous integration (CI), continuous testing (CT), and continuous deployment (CD). An **intuitive GUI** further simplifies operations, making testing more efficient and accessible for your teams!

## R Systems TOP Testing Suite (TTS)

Automate test plans, reduce regression testing from days to minutes, support continuous testing in line with Agile and DevOps practices

Inhouse test automation platform for end-to-end testing (functional, load, performance, stress, stability, configuration), evaluation and validation of telecom services.

- featuring **all major telecom protocols** and allowing extensive testing of BSS/OSS applications, SS7 & IP network elements, and E2E telecom services:
  - Diameter Client and Server, with support for Ro/Gy, Rf, Gx, Sy, S6a/S6d/S6c, Sh, Cx/Dx, etc.; flexible Diameter dictionary
  - SS7 - MAP, CAP, INAP, with support for ANSI and ITU standards
  - SIP, HTTPv2, RTP, SMTP, LDAP, Telnet/SSH, Web Services (SOAP/HTTP), SMPP, COAP/MQTT
- web GUI for planning suites execution, launching the tests and result aggregation and reports

## R System's full automated testing services

- Strategy, design, implementation & training
- Integration in the customer environment
- Integration in the CI/CD pipeline
- Test creation based on customer specifications
- Maintenance & support
- Training
- Proof of Concepts

Successfully used by  
telecoms worldwide

