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eSIPP

Next Generation Testing for complex VoIP infrastructure

- Define test-cases, call-flows, SIP messages
- Monitor test-execution
- Interpret test-results and generate reports

eSIPP is a tool for testing SIP call scenarios, by simulating user-devices with self-definable SIP header contents, call flow scenarios as well as corresponding RTP streams. It can be used for functional, interoperability, performance and operational testing.

Modern and Next Generation Testing, Performance Analyses, Deployment and Security Auditing for VoIP

Key Use-Cases of eSIPP

- Test-Automation in VoIP
- Performance Testing and Validation
- Security Check and Fraud
- End-Device Testing
- Transport Network and SIP VoIP
- Interaction Testing
- Malformed Device replay
- Validation of Operational Changes

Measurable benefits offered by eSIPP

- Very flexible possibilities to modify and create individual messages, transactions, dialogs and calls for SIP
- High performance message generation

eSIPP can be easily integrated into existing infrastructures using its open APIs to support individual cases based on your needs

eSIPP is the most flexible tool for doing tests, security auditing, performance evaluation and deployment checks for VoIP infrastructures.

- Easy VoIP Session Generation, based on skeleton files and underlying XML files
- Supports all SIP methods, supports individual adaptable call session, dialogues and transactions for SIP
- Flexibility to modify Messages, Dialogs, Transactions and Calls by editing Text templates (XML or skeleton files)
- High-Performance message generator for UDP, TCP, TLS and SCTP
- Flexible Media Streaming with Audio, Video and Fax
- Incorporate with UNIBERG's eSETA tool system to analyse the results and with integration support with BDD frameworks for test-automatization and to report

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