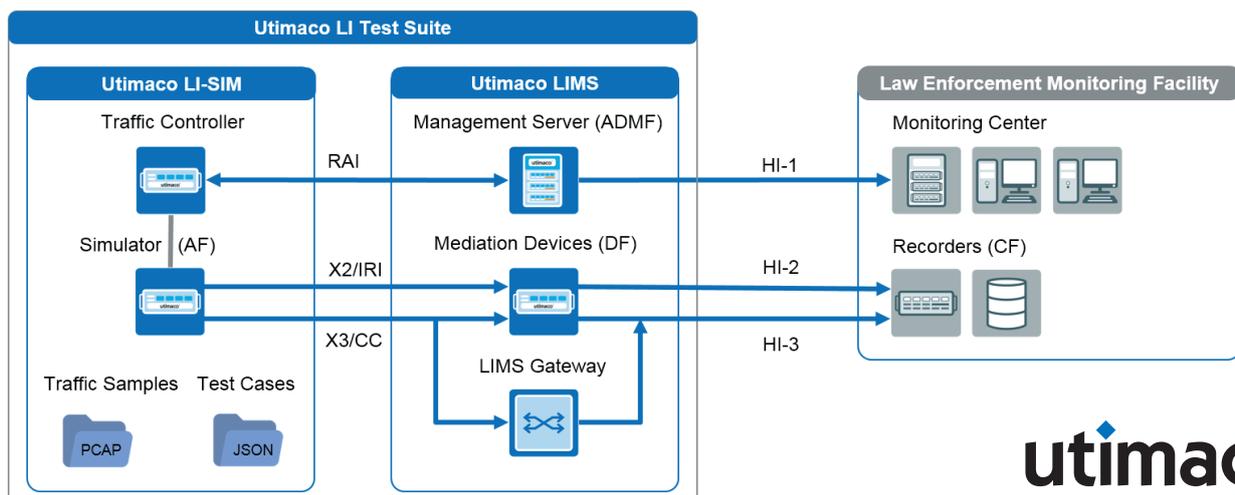




Utimaco LI Test Suite

The successful implementation of telecom lawful interception systems requires the cooperation of various parties and the integration of different networks and service platforms. Even though LI handover interfaces are standardized, there are plenty of options, national parameters and potential sources of errors. Law enforcement agencies and telecom regulators need suitable test utilities to verify compliance, performance and data consistency.

The new Utimaco LI Test Suite has been designed to test monitoring facilities by simulating real-time LI traffic without the need for a real network and user devices. Test cases with voice calls, messages and Internet data can be defined and executed within minutes, giving agencies an unprecedented possibility to verify the capabilities of law enforcement facilities before they process sensitive data from real networks and judicial intercept warrants.





Utimaco provides the LI Test Suite as a comprehensive turn-key solution with all hardware, software and professional support services to operate the tests in your own environment. The offer includes pre-recorded traffic samples that can be loaded in the LI simulator and are replayed in real-time to the Utimaco LI mediation system and further to a monitoring center. Each test run can include up to five test scenarios, each of which can have multiple test cases for any kind of communication service (fixed voice, mobile voice, SMS, mobile data, fixed data, e-mail, VoIP, VoLTE).

LI-IDs and target IDs are replaced on-the-fly according to your self-defined test cases. All intercept data are mediated according to international HI standards. Operators can configure the handover interfaces as needed, including advanced features such as buffering and encryption. Media conversion and transcoding can be applied to voice calls by the LIMS Gateway.

The test suite comes with an easy-to-learn, web-based user interface. RESTful APIs further facilitate the integration into a larger test environment and allows you to customize workflows as needed. The open and flexible architecture of the Utimaco LI Test Suite lets you import your own traffic samples (e.g. from HI-2/HI-3 links) and convert these to replayable test files.

A Turn-key Solution

- Utimaco LI-SIM : Traffic Controller, LI Simulator
- Traffic samples for all service and network types (voice, data, messaging)
- Utimaco LIMS : LI Mediation Systems
- Utimaco LIMS Gateway
- Dell PowerEdge servers, Red Hat Linux
- Onsite installation
- Onsite user training
- Maintenance and technical support

Features

- Simulates LI traffic for testing law enforcement monitoring facilities
 - Voice calls
 - SMS, IP data
 - e-mail
 - from fixed and mobile net
 - works (2G, 3G, 4G)
 - up to 5Gbps
- Mediates intercepted data in compliance with ETSI/3GPP standards
 - ETSI TS 101 671
 - ETSI TS 102 232-1/3/5/6
 - ETSI TS 133 108

Benefits

- Compliance
 - Test LI systems end-to-end, identify issues and bottlenecks, and verify compliance to LI standards and national regulations
- Time
 - Quickly setup and execute test cases for all common networks and communications services
- Cost
 - Avoid expensive and complex tests without the need for a real network and devices

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Since 1994 Utimaco has been developing lawful interception and data retention systems for telecom operators and Internet service providers. Utimaco's carrier-grade systems enable real-time monitoring and long term data retention in public telecommunication networks. The systems interface with essentially all common network technologies and communications services. Utimaco is the preferred partner of many of the world's leading network equipment vendors. With around 300 installations in over 90 countries, Utimaco is a leading global supplier in the Lawful Interception and Data Retention market. Utimaco participates in LI standardization and supports international standardization institutes and industry associations, such as, ETSI, 3GPP, ANSI/ATIS and Bitkom.

Customers and partners value the reliability and long-term investment security of the Utimaco security solutions. Utimaco stands for recognized product quality, user-friendly software, excellent support, and products that effectively meet market requirements.

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