

Matison — Lawful Interception Mediation System

Matison LI active interception solution enable Law Enforcement Agencies – LEAS and intelligence organizations access to telecommunication service provider network and provide standardized interfaces for real-time access to communication services during criminal investigations.

Service providers will get a standardized solution and compliance to regulatory requirements with seamless integration into their networks.

The solution is provided for fast deployment with minimal cost to the network operator, and ensures integrity of intercepted data with complete communication security end-to-end.

Key benefits

Matison LI supports any network element utilized in service providers networks used for delivery of communication services. It handles provisioning and collection of intercepted communication on a single platform through integration toward network elements existing in service provider's network, and delivery of that communication to LEAS.

Matison LI will do the heavy lifting of mediating in communication between LEA and Service provider's network, conforming each existing network element to a regulation requirement before delivery of intercepted data toward monitoring facility. It provides single point of entry into the Service provider network and provides network abstraction to LEAS.

With Matison LI you can intercept and track events in real-time for voice services, Internet access, e-mail, SMS/MMS and Rich Communication Suite of services.

It enhances operational capabilities of intelligence organizations through all-software technology that is non-intrusive and easily integrates into any operator network and enables gathering and analysis of evidence during criminal investigations, and to deliver that data in real-time or near real-time.

Matison LI provides

- **LOW OPERATIONAL COST** Through modular design and centralized administration our system grows as service provider network grows ensuring low TCO and through utilization of standard off the shelf hardware
- **COMPLETE INTERCEPTION** System intercepts and deliver Intercept Related Information (IRI) and Call Content (cc) data over IP links using standard or proprietary interfaces ensuring integrity of intercepted data
- **HIGH MULTILAYER FILTERING THROUGHPUT** Filtering of high capacity data traffic based on unique identifiers associated with target communication (e.g. IP address, email address, phone number, modem ID, username)
- **INDUSTRY COMPLIANCE** Matison LI solutions are fully compliant to ETSI interception regulations and standards, and adaptability to support other regional or country-specific regulations
- **COMMUNICATION SECURITY** Ensuring security from end-to-end. All deployed systems in any configuration are configured with industry standard security and encryption, ensuring that only authorised personnel have insight in system operation
- **MULTITENANT SUPPORT** Multiple sites and intelligence organizations are supported over implemented Matison LI systems and identities of targets remain undisclosed throughout different organizations, utilising layered security approach
- **SEAMLESS INTEGRATION** The system is seamlessly integrated both in the service provider network and toward other interception monitoring centre facilities

Flexible communication delivery

Matison Lawful interception system for communication delivery is the central component in the architecture that will integrate to each network function used by the Service provider to deliver subscriber services, and enables real-time interception of communication data. System enables provisioning of interception targets, mediating communication streams between service provider network elements and LEA's, and delivering voice and data communication from target under surveillance toward LEA monitoring facility. It will shield the Service Provider from the burden of complying to the regulation requirements while its network grows and changes over time. Its flexibility also enables fast adaptation according to changes in operational needs. With its service scalability and distributed architecture Matison Lawful Interception can be deployed in small and nation-wide environments. You can add new sites, protocol types, services or expand system capacity to facilitate your requirements growth.

Interception capabilities

With over 10 years in providing interception solutions, Matison personnel have proven field experience in deployment to service providers and LEAs. Matison Lawful Interception enables you to intercept communication services in any network scenario with wide range of features. Integration to major network equipment manufacturers is supported, with streamlined integration of interfaces toward equipment providers.

INTERCEPTION CRITERIA	DESCRIPTION
Voice service	MSISDN, E.164, sip-uri, IMSI, IMEI
Internet access	IP address/port, username, MAC address, modem ID
E-mail	e-mail address, username, e-mail domain
Unified messaging	MSISDN, E.164, sip-uri, IMSI, IMEI

INTERFACES	DESCRIPTION
LEAS	H1 (web UI, HTTP REST, TCP ASCII), H2 (ASN.1 BER over TCP or FTP), H3 (TDM ISDN PRI + Q.931, ASN.1 BER over TCP)
Network equipment vendors	X1, X2, X3 interfaces toward major network equipment vendors (e.g. Nokia, Huawei, Ericsson, Metaswitch, Cisco, Juniper, Oracle, Affirmed Networks etc.)
Proxy support for Voice	SIP, RTP, H.323

COMPLIANCE TO STANDARDS	DESCRIPTION
ETSI	ETSI ES 201 671, ETSI ES 201 158, ETSI TS 101 331, ETSI TS 102 232 SUITE, ETSI TS 133 108

About Matison

Matison is a subsidiary of Sedam IT Ltd. Sedam IT is one of the leading ICT companies in Croatia delivering high quality solutions and services to its customers since 1992. Sedam IT has been providing lawful interception systems for internet service providers, mobile and fixed network operators since 2008. With installations throughout South East Europe region we are challenging the legacy suppliers with state of the art technology, redefining the lawful interception market. Our highly experienced and educated staff hold more than 300 prestigious certificates. As a Matison customer you benefit from the knowledge of our vast IT expertise. Our engineers are focused to ensure premier customer experience with emphasis on quality of our products and services.

About Matison LI

Matison LI is the complete Lawful Interception Mediation solution – LIMS that will allow telecommunication service providers compliance to regulatory requirements of implementing the intercept solution according to international standards in any network scenario. Our product line support interception of communication services and mediation for telecom intelligence process in widest range of network solutions.

CONTACT

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