

Matison — Lawful Interception Mediation System

Matison LI passive interception solution for capture and delivery of Packet Data and Voice over IP (VOIP) enable Law Enforcement Agencies – LEAs and intelligence organizations access to telecommunication service provider network and provide ability to filter and extract data and voice delivered over IP links in real-time.

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 effort by network operator, and ensures integrity of intercepted data with complete communication security end-to-end.

Key benefits

Matison LI supports any access technologies utilized in service providers networks used for delivery of communication services. It handles all types of packet data and VoIP protocols on a single platform.

Matison LI will tap into communication channels in Service provider's network, capturing and filtering through the communication flow before delivery of required traffic toward monitoring facility. It provides single point of entry into the Service provider network and provides network abstraction to LEAs. It provides the least amount of effort from the network operator perspective, while providing the most complete set of required traffic for the LEA without restriction on traffic capacities.

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

Matson Lawful interception system for communication delivery is the central component in the architecture that enables real-time interception of communication data from service provider's networks. System enables interception, filtering and delivering voice and data communication from target under surveillance toward LEA monitoring facility.

Its flexibility 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 Voice and packet data in any network scenario with wide range of features.

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
Voice	SIP, H.323, H.248, SIGTRAN, RTP, RTCP
e-mail	SMTP, POP3, IMAP, MIME
Internet	DSL, Cable, FTTX, Fixed access
Link and network	Ethernet, PPP, VLAN, MPLS, IP, TCP, UDP, L2TP, SCTP, Radius, Diameter, DHCP, GTPV1, GTPV2

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

Matson 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

Matson 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

MATISON

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