



ABIS® 7 System

Technical Specifications

The ABIS® 7 System is a multi-biometric identity management system, offering fingerprint, face recognition and iris biometrics on a common architecture platform. It is based on a distributed processing architecture, using Internet web services to support a wide range of scalable system capacities, from modest single server identification systems to the largest national-scale multi-biometric identity management solutions, implemented on server grids. The ABIS® 7 System is a software product family that runs on commodity AMD or Intel®-based Windows or Linux servers. The server-based software components of the ABIS® 7 System are:

ABIS® 7 Search Engine

The ABIS® 7 Search Engine, a product in L-1's ABIS® 7 System identity management suite, is a multi-biometric identification platform that may be used as stand-alone or with other ABIS® 7 System products as ID management solutions suite. It offers L-1's high quality face recognition, fingerprint and iris biometrics that have performed in the top tier of invigilated government benchmarks. The ABIS® 7 Search Engine can be deployed in a wide range of solution scales, from single server identification systems up to the large national-scale multi-biometric ID management solutions on server grids.

ABIS® 7 Identity Manager

The ABIS® 7 Identity Manager provides identity record-keeping services. All known individuals and their history of identity applications are recorded in this registry. Each such "encounter" record contains the permanent record of that application, including the

biometric samples taken at that time, demographic data, and images of any identity documents submitted with the application as proof of identity. The ABIS® 7 Identity Manager leverages the industry leading L-1 Identity Solutions' quality algorithms to select a composite best set of biometrics created from multiple encounters that enriches the data to be searched. The ABIS® 7 Identity Manager services include adding new persons, adding new encounters to existing persons, archiving older encounter records and supplying records selected by policy for inclusion in the ABIS® 7 Search Engine's biometric galleries.

ABIS® 7 Workflow Manager

The ABIS® 7 Workflow Manager automates all involved business processes, based on industry standards as well as on major customer requirements. For the first time, ABIS® 7 runs on the jBPM engine, supported by jBoss (subsidiary of Red Hat). All Business Process Definitions (Workflow Definitions) can be displayed and easily modified by means of graphic editors. The introduction of the jBPM engine offers the customer greatest flexibility and options, such as:

- Adjusting all Business Process Definitions to their own, individual requirements
- Gaining access to a large community of experts, services and consultants in order to maintain the system optimally
- Addition of customer information significant for their business process

SYSTEM HOSTING

The ABIS® 7 System is a software product family, hosted on commodity AMD or Intel®- (having x86-64 micro-architecture) based servers, running Windows Server 2008 or Red Hat Enterprise Linux 5. In turnkey orders, L-1 provides your preferred brand of server hardware; alternately L-1 can provide a detailed specification sheet for the server hardware required to support your particular requirements for your direct acquisition. The use of commodity hardware allows you to expand or upgrade your hardware at any time, and to acquire your hardware directly from your preferred supplier.

The ABIS® 7 System's databases may be managed by Oracle RDBMS, Microsoft SQL Server or Sun MySQL Enterprise.

PRICING AND LICENSING

The ABIS® 7 System pricing is based on the number of searchable biometric identity records licensed and on the ABIS® 7 components used to support the required volume of transactions. Each biometric modality is licensed separately in terms of capacities for both the Search Engine 7 and the Identity Manager 7. The licenses permit all components of the ABIS® 7 to be distributed on multiple servers, thus allowing Search Engine to support multiple biometric modes concurrently and to scale to hundreds of millions of searchable records.

SUPPORT PLANS

In the US, L-1 provides remote help desk support on 24/7 and 9/5 schedules. On-site support staff are available on an annual contract basis.

Internationally, L-1 partners with IT support specialists throughout the world, so as to ensure the support for your identity management solution is local in your time zone, local in your language and responsive to your needs. L-1 partners are extensively trained in administration and operation of ABIS® System and are backed by a 24/7 continuously manned help desk center staffed with ABIS® System experts.

PROFESSIONAL SERVICES

L-1 offers competitive professional services that include:

- Installation and system commissioning
- Application design, integration and customization
- Training of IT and end user staff

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