



## Benefits and Features

- Available jPDL and BPEL process modeling tools.
- Library of baseline identity management business workflows for jump-starting design and customization
- WS-I Compliant Web Services for Easy Orchestration into Business Processes
- Use of legacy ANSI/NIST 1-2007 data format
- Customizable personal information and selection of biometric modes in use
- Choice of Linux and Windows server platforms

# ABIS® 7 Workflow Manager

## Technical Specifications

The ABIS® 7 Workflow Manager, a product in L-1's ABIS® 7 System identity management suite, is an identity management workflow platform that is used with other ABIS® 7 System products to build identity management solutions. It offers the management of identity-related business process workflows. ABIS® 7 Workflow Manager also supports queuing services for use by workstation applications that implement the human decision-making steps in identity workflows. Offering a wide range of solution scales - from modest single server systems up to the largest national-scale multi-biometric identity management solutions - it is designed to support identity management workflows in civil registration applications.

### Identity Management Applications

Civil registration applications have a need for business transactions of identity management. Typically, these applications register unique identities with biometric and biographic information: in civil registration, as applicants apply for identity credentials, operators have a demand for identity transactions that contain images of multiple biometric modes. The ideal application adopts and finds benefits in the use of face and iris biometrics in addition to the longer-standing use of fingerprint mode. The ABIS® 7 Workflow Manager enables and simplifies the use of multiple biometric modes through managing the workflow of multi-biometric business transactions based on a multi-biometric data format standard.

### Identity Transaction Data Format Standards

The ABIS® 7 Workflow Manager

manages identity business transactions formatted to conform to the ANSI/NIST-ITL 1-2007 standard, which is the latest version of the long-standing world-wide law enforcement data interchange standard. The ABIS® 7 Workflow Manager is highly configurable, enabling implementers to configure the details of their NIST domain data rapidly and productively. It enables and simplifies the use of multiple standardized biometric modes and customized domain-defined biographic data in managing the workflow of multi-biometric business transactions.

### Identity Management Workflows

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

### Business Process Integration

The ABIS® 7 Workflow Manager is designed as server-based software exposing Web Services as the modern functional integration interface with additional support for legacy integration interfaces like email or FTP. These Web Services are based on the web standards in the Web Services Interoperability organization's Basic Profile 1.1 which specifies the correct application of these various standards to ensure optimum interoperability. The ABIS® 7 Workflow Manager is ready for integration into business processes using web services orchestration tools.

### Deployment

The ABIS® 7 Workflow Manager is a 64-bit mode software operating on either Windows Server 2008 or Red Hat Enterprise Linux 5 servers. Higher throughput and continuity of operations can be obtained by deployment on clustered servers. L-1 provides guidance on server models and specification-sheets for numbers of servers and their configurations required to satisfy specified transaction rates. The ABIS® 7 Identity Manager requires an RDBMS product for storage of identity data and is ready to use Oracle 10g/11g and Microsoft SQL Server 2008 out of the box.

## 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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