IOM Identity Management Platform

SRI Identity™ offers a scalable software platform for identity management through an intuitive, easy-to-use web interface. The platform provides system designers with a set of core services for multimodal biometric identification, as well as a suite of auxiliary services including authentication, component registration and biometrically backed badge generation.

Design Flexibility
System capabilities are delivered through a pluggable open architecture that coordinates a full range of biometric (face, iris, fingerprint) and other modalities, third-party matching engines, fusion schemes, and encounter management services. Designed for simplicity and scalability, SRI’s platform can support a wide range of applications—from large-scale distributed architectures to handheld devices for access control, surveillance and personnel management.

- Multi-sensor, multimodal configurations
- Simple web APIs for easy integration
- Supports mixed vendor matchers by modality
- Multi-user web interface
- Scalable to support a wide range of applications

Ease of Use
SRI’s platform provides a rich user experience via a web browser.

- Zero-install HTML client works in most modern browsers
- Web UI supports a rich, intuitive set of enrollment, system and encounter management screens
- Users can manage or monitor the system from their desktops, tablets, phones or other networked devices

Standards-based interfaces and a portable, pluggable architecture support a wide range of applications

Preliminary—All statements and claims are design goals, pending the result of testing
Specifications

<table>
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<th>Feature</th>
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<td>IE, Chrome, Firefox</td>
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<td>Supported Operating Systems</td>
<td>Windows, Linux, Android</td>
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<td>Supported Databases</td>
<td>RostreSQL, SQLite (Android)</td>
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<td>EBTS Import / Export Format</td>
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<td>Integration API</td>
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<td>SRI capture devices, WS-Biometric Device compliant devices</td>
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Case Study —
On-the-Move Access Control and Encounter Management

SRI Identity is currently developing access-control and encounter management solutions—based on our software platform—for several government customers. Common to these programs is the need for an easy-to-use, scalable multimodal system that offers high-throughput, contactless and on-the-move biometric authentication.

Challenge | SRI was tasked to make multimodal recognition viable in this scenario.

.Multimodal: Iris, fingerprint, and face with provisions for additional modalities

.High Throughput: Integrated with SRI’s face and iris sensors and a third-party fingerprint sensor, all with on-the-move capture

.Remote Identification: Integrated with SRI’s tablet and other third-party handheld devices through an open REST style interface

Result | SRI’s scalable platform will support a number of product releases to further the testing and operational evaluation of multimodal access control and enrollment applications.

Preliminary—All statements and claims are design goals, pending the result of testing

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SRI Identity

SRI Identity develops solutions to verify and manage identity information. With proven installations around the world, we address a diverse range of applications including secure workplaces, critical infrastructure, public arenas and border control. Using our unique technical expertise developed through a long history of research and innovation, we create and integrate the world’s fastest, most accurate, versatile and non-intrusive identity solutions.

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