



## IOM Identity Management Platform

Princeton 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, Princeton Identity'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

Princeton Identity'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*

## Specifications

Browser Support	IE, Chrome, Firefox
Supported Operating Systems	Windows, Linux, Android
Supported Databases	RostreSQL, SQLite (Android)
EBTS Import / Export Format	1.2
Integration API	JSON over HTTP(S) (REST style)
Sensor Compatibility	Princeton Identity capture devices; WS-Biometric Device compliant devices

## Case Study — On-the-Move Access Control and Encounter Management

Princeton 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** | Princeton Identity was tasked to make multimodal recognition viable in this scenario.

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

**High Throughput:** Integrated with Princeton Identity's face and iris sensors and a third-party fingerprint sensor, all with on-the-move capture

**Remote Identification:** Integrated with Princeton Identity's tablet and other third-party handheld devices through an open REST style interface

**Result** | Princeton Identity'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*

## Key Features

- Integrates using open standards
- Configurable retention policy
- Reliable management of biometric and biographic data
- Live monitoring of enrollments or biometric collection points
- Generates biometrically backed badges
- Integrates with biometric capture devices, including Princeton Identity's portals and tablets
- User-defined subject categories and alerts
- Integrates with a number of industry standard access control systems



Princeton Identity develops innovative technologies, software and physical hardware solutions designed to verify and manage individuals' identities for a wide range of physical security and data access applications. The company's unique multimodal biometric solutions employ distinctive iris and facial recognition technologies which deliver the highest levels of accuracy and speed both indoors and outdoors. With proven installations around the world utilizing their technology, Princeton Identity offers system solutions for a diverse range of mainstream applications including mobile access control, corporate, industrial and secure workplaces, airports, critical infrastructure, public arenas and border control. Using the company's unique technical expertise developed through a long history of research and innovation at SRI International, Princeton Identity creates and integrates the world's fastest, most accurate, versatile and non-intrusive identity solutions.

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