bio-METRICA
One Identity, Everywhere.
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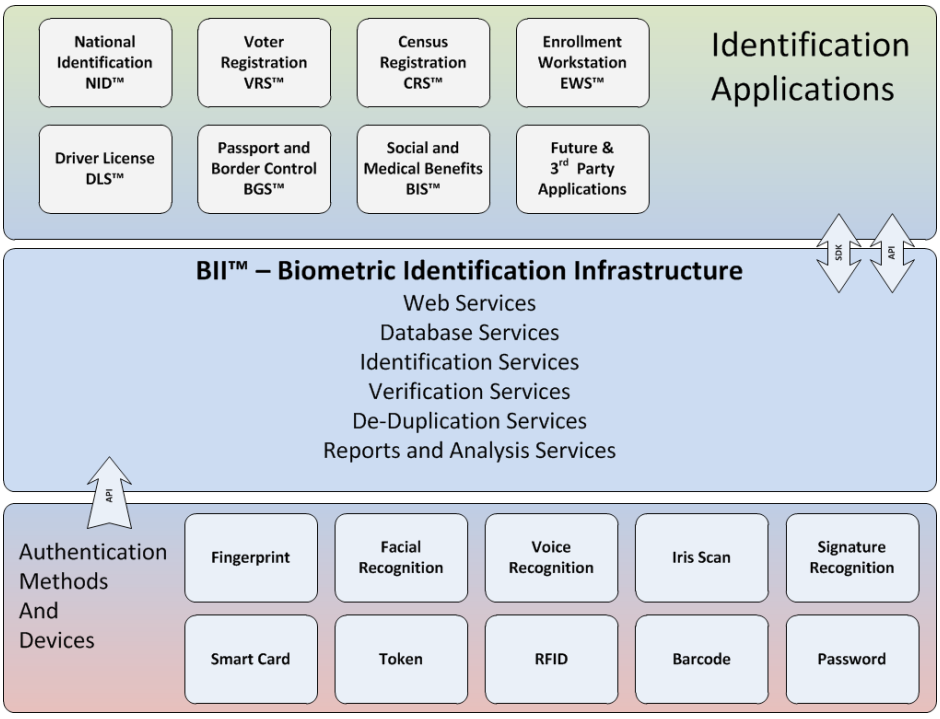
Biometric Identification Infastructure - BII™

Biometric Identification Infrastructure BII™ is a comprehensive architecture that allows different applications using different authentication methods to share a common set of data for each person in the database.

BII™ is completely modular and allows customers to specify what sort of information will be stored and how it will be gathered. There is no need to be concerned if systems will inter operate with each other since BII™ will handle communication between all of these disparate pieces over a standards-based architecture. Unlike other systems, which can only use a single set of identifiers and data about an individual, BII™ systems can enter and manage multiple types of biometric and non-biometric data in a single record.

BII™ allows customers the ability to consolidate their data, and make it easy to reduce duplication, fraud, or other activities that are easier to occur in single system solutions.



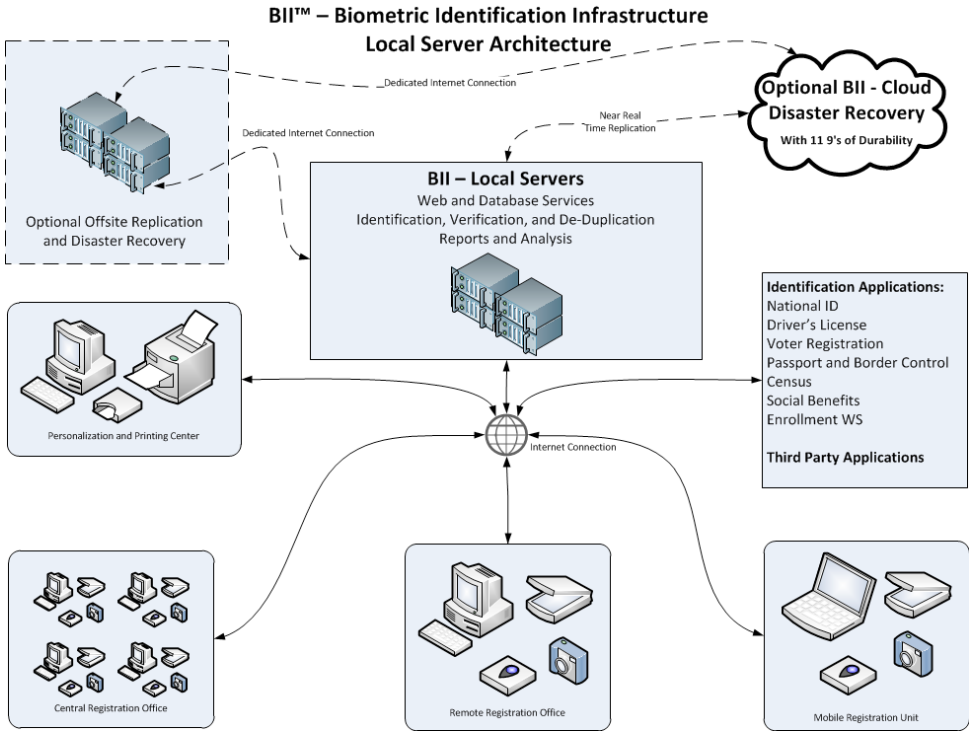
BII™ utilizes a flexible architecture which can store and process a variety of biometric data including but not limited to fingerprint, palm print, facial, iris, hand geometry, etc. Newer forms of biometric identification and be quickly adapted for use with the system.

BII™ can accomplish the above while also keeping all data in a centralized database accessible by all of its applications. This allows entities and governments to cross check and access information from any system without losing track of an individual.

Expandability and flexibility being chief feature of **BII™**, it can be rapidly adapted to incorporate other applications as the need arises. For example, if a customer already has **BII™** the following applications of **AFIS**, **Voter Registration System**, **National ID**, **Census** and other civil applications could be a simple expansion of the existing system. Not only would the expansion be seamless, it provides the new application with a dataset that is ready to go.

How Does it Work?

BII™ is a robust framework that allows multiple applications to access a unified set of biometric and biographical data. It can:



- Provide a multi-modal biometric enrollment via a variety of devices from different manufacturers.
- It can support several different biometric types simultaneously (i.e., fingerprints, facial recognition, iris, vein, speech, signature, etc.).
- Distribute the load for biometric matching across a large set of systems allowing for quick additions to system capacity by adding new matchers as needed.
- All data is stored in a unified database allowing all applications access to data that has been collected from other BII applications.
- Maintain a comprehensive audit trail of what data has been entered and by whom. It also maintains a change log with the ability to rollback to previous information if needed.
- Produce detailed custom reports, or distribute previously defined reports to a configurable subscription list.
- Support applications both online and offline, allowing for deployment in remote locations where communications may pose an issue.

Who Uses it?

BII™ is used by public and private entities of varying size who need a robust, customizable system to collect, analyze, and maintain biometric and biographically data in a single centralized information source.

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