



BITT

(BIOMETRIC INFORMATION TRANSLATION TOOL):

Biometric message translator that reduces integration time and facilitates the sharing of records between government agencies by quickly and easily converting formats across multiple biometric message specifications.

In the intricate world of digital identity, the ability to share and decipher data seamlessly is paramount, especially when it comes to biometrics. Recognizing the inherent challenges in this domain, Pyramid Systems has crafted a transformative tool: the Biometric Information Translator Tool (BITT), specifically designed for government agencies and the unique challenges they face.

Biometric records are typically encoded in a myriad of message specifications. Agencies that operate independently have their unique formats that have become deeply embedded in their technology systems. Developing "one standard" for biometric information, while useful for future system integration, is a non-starter for retrofitting many existing systems.

Enter our solution's distinctive feature: "implicit field mapping." Rather than a tedious manual alignment of data fields from diverse systems, implicit field mapping ensures dynamic compatibility of the most critical information. It intuitively aligns different biometric formats, eliminating the previous ambiguities and ensuring an uninterrupted flow of biometric data between agencies.

By bridging these previously disparate systems, BITT not only fosters greater collaboration among government entities but also amplifies their collective capability to serve and protect our citizens.

Pyramid Systems is an award-winning, technology leader driving digital transformation across federal agencies.

We solve complex problems with advanced technologies and modern methodologies.



Adaptable.
Scalable.
Mission-Focused.

A screenshot of the BITT web application interface. It is divided into two main sections labeled 1a and 1b. Section 1a, titled "Upload your XML file", contains a file upload button with an upward arrow icon and the text "Choose a file", and a section labeled "XML Information" below it. Section 1b, titled "Select an output format", contains a dropdown menu currently showing "EBTS" and a "Translate" button below it. The interface is set against a dark background with a network-like pattern.

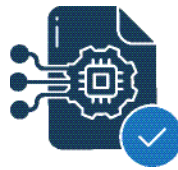
Translating Agency A EBTS file into Agency B EBTS

OUR INNOVATIVE IDENTITY SOLUTIONS



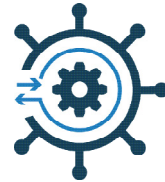
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IVID

(Intelligent Verification of Identity Documents):
Innovative solution that leverages Artificial Intelligence (AI) and Machine Learning (ML) to detect anomalies and provide forgery risk assessments for identity documents that do not have existing verifiable issuance data.



VIME

(Variable Identity Matching Exchange):
Configurable a la carte service that allows customized routing of biometric and identity data to selected matching service providers, allowing for a tailored approach and streamlined access to an array of matching algorithms.

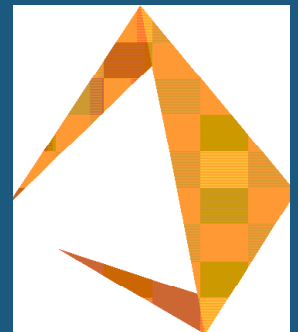
WHAT SETS US APART?

We optimize performance of legacy systems by leveraging our expertise in integrating and modernizing biometric data systems.

We ensure on-time delivery and improved user experience through our identity management systems O&M experience.

We improve sensitive, multimodal identity data quality, availability, and security.

We build innovative identity prototypes utilizing industry-leading cloud and analytics platforms with our dedicated labs team.



TECHNOLOGY & QUALIFICATIONS



servicenow

Corsha

CMMI DEV | ML3
APPRAISED
Appraisal # 62736 | Exp. Jun 16, 2026

CMMI SVC | ML3
APPRAISED
Appraisal # 62736 | Exp. Jun 16, 2026



AWARDS

