



Documetric™ Databases

Features and Benefits

Documetric databases enhance the B5000 solution for more advanced security testing of ID documents. Advanced database tests include:

- For North American licenses and ID cards magnetic stripe and bar-coded data is extracted and analyzed for proper formatting and consistency.
- Automatic age calculation, legal age testing, and expiration testing.
- Checks for the presence of one or more patterns, seals, or logos on the visible, IR, and UV images that should be present in specific areas of a document.
- Checks UV image for evidence of photocopying, incorrect paper or other problems.
- Checks for patterns and features that might be present on a fake document but not on a legitimate one.
- Checks for the presence of and evidence of tampering in the 3M® Confirm laminate.

Customize Your Document Authentication Needs with Scalable, Flexible Document Databases

L-1 Identity Solutions offers an array of documetric database options that allow motor vehicle and government agencies to scan and automatically authenticate passports, green cards, driver's licenses and other documents that people use as proof of identity.

L-1 defines the term “documetrics” as the physical attributes and unique characteristics of an identity document. These attributes can be used to identify a document and verify its authenticity in much the same way biometrics are used to perform identity verification with people.

L-1's documetric databases define the security features present in each type of document and the most reliable techniques for authenticating those features, as well as tests documents using sophisticated image processing techniques and other complementary technologies. Collectively, these optional documetric databases form the back-end engine by which our authentication solutions are run and provide an additional resource to help combat identity fraud and theft.

ID-Passport

ID-Passport is a comprehensive database of documents that conform to the standards of the International Civil Aviation Organization (ICAO) for Machine Readable Travel Documents (MRTD) that consists of hundreds of passports, visas, ID cards, and other documents created by more than 250 issuing authorities worldwide, from Afghanistan to Zimbabwe.



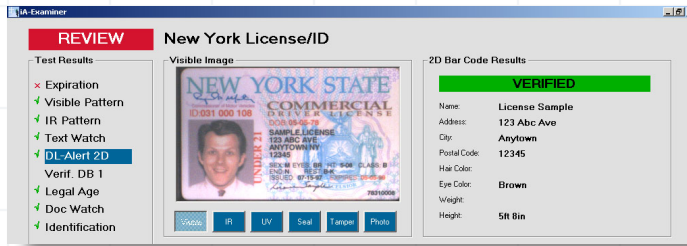
It works in tandem with iA-thenticate (the B5000 operating software) and compares, seals, logos, and other patterns that should be present in specific areas of a document. It searches for visible patterns in addition to those that appear under ultraviolet (UV) or infrared (IR) light. This process can validate that a passport is authentic as well as indicate that a passport needs further review if known features are absent in the document and/or unknown features are present.



ID-License

ID-License is a comprehensive database of North American driver's license information. ID-License works to compare seals, logos, and other patterns that should be present in specific areas of a document.

Like ID-Passport, ID-License searches for visible patterns in addition to those that appear under ultraviolet (UV) or infrared (IR) light. This process can validate that a driver's license is authentic as well as indicate that the document needs further review if known features are absent, or unexpected features are present.



DL-Alert®

DL-Alert® reads, interprets, and verifies the content, sequence, and format of information encoded in the magnetic stripe and/or bar code of commonly used identity documents such as driver's licenses, state ID cards and military IDs.

Detailed test results including age verification, document expiration and document images can be reviewed in the B5000 user interface, and data read from the document can be saved in a relational database.

Global-ID

Global-ID expands the documents that can be authenticated beyond those of ID-Passport and ID-License. It performs advanced security testing for many documents that do not conform to ICAO standards. (i.e. many passports, visas and foreign driver's licenses have no MRZ or other features that are consistent across the issuance line).

Global-ID security tests can range from searching for seals and logos that should be present on a valid document, searching for patterns under ultraviolet, visible and infrared light, and checking for evidence of tampering in the 3M Confirm laminate.



L-1 Quick Facts

- Leader in document authentication and scanning worldwide, totaling more than 7,000 systems.
- Proven End-to-End solution provider supporting multiple technologies.
- Offers a one-stop-shop with a unique combination of security, technology and systems integration experience.
- Personalize more than 100 million secure credentials annually.
- Produce over 2/3 of U.S. drivers' licenses.
- Personalization platform for U.S. Dept. of Defense Common Access Card.
- Prime contractor on RFID-enabled U.S. Passport card Program.

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