



Features and Benefits

- Modular design.
- Ability to implement additional security layers as needed.
- Cross-checks information contained in SmartChips against document and tests information for formatting consistency to confirm authenticity.
- Cross-checks information between MRZ and SmartChip data, and across multiple documents in a set.
- Verifies SmartChip data in e-passports and the MRZ (machine readable zone) checksum, expiration date check, confirms presence of B900 ink.
- Captures a full range of color document images using visible, infrared and ultraviolet light sources, providing a visual record of both human-readable and machine readable information.
- Populates user applications with information contained in the identity document.

B5000 Document Authenticator

Fast, Reliable, Automatic Authentication of Identity Documents

The B5000 is a hardware/software platform designed to automatically authenticate documents, such as passports, drivers' licenses and ID cards that people use as proof of identity, to ensure that the individuals are who they say they are. It captures full color images using several light sources and performs multiple security checks against L-1's comprehensive database of ID templates to ensure the ID being presented is valid.

The document scanner supports faster customer processing and has a very small footprint, ideal for environments where counter space is limited. With automated authentication, document processing speeds up and decreases errors due to human limitations such as fatigue, collusion, and extortion. It is important to note that the system's simplicity and degree of automation means minimal training is required.



B5000 Document Enhancements

The new B5000 has the following enhancements from the B4000:

- Smaller, lighter footprint than B4000 (iA-thenticate)
- Automated document detection
- Improved method of holding document in place
- More accurate reads of both RFID and non-RFID passports
- Enhanced image resolution
- Support Basic Access Control, Passive Authentication and Active Authentication



B5000 Advantages

- The ability to create 'document sets' for multiple travel document sets or people traveling together, ie. parents and children.
- The ability to automatically cross reference the data on the smartchip with the same data in the MRZ.
- Alert resolution tools that provide quick, step-by-step prompts and/or instructions to help operators quickly and easily dispatch or override alerts.
- An embedded SQL relational database with configurable options to collect and organize data and images from document transaction.
- Allows the user to send an executable file with the images under various light sources along with the results of the tests.
- The system software contains pre-packaged, statistical reports that graphically illustrate results from document authentication and processing for individual clients, or collectively for all clients on a network including documents by volume, type, country, nationality, security alerts, and alert overrides.
- The system has the ability to check for stolen documents when populated with the InterPol stolen document list.
- Ability to integrate seamlessly with any existing government or commercial network infrastructure, (i.e. Australian Customs, ABN AMRO, Brazilian Border Police.)

Easily Configured and Integrates with Existing End-user Applications

There are many options for integrating complementary third-party hardware/software components into the B5000 solution. Third-party software applications have the option to either interact directly with newly configured devices, e.g. a smart chip reader, or they may interface to these devices through B5000 applications and interfaces.

B5000 Specifications

| | |
|------------------------------|---|
| Image Resolution | 400 DPI |
| Minimum Host PC Requirements | Pentium® IV (3.0 GHz) Windows® XP or Windows® 2000 512 MB of available memory 40 GB of available disk USB 2.0 |
| Size and Weight | 5.59" (14.20 cm) Height 7.5" (19.05 cm) Width 10" (25.4 cm) Depth 4.25 lbs (1.93 kg) Weight |
| Power Supply | 100-240 VAC 47-63 Hz 40W, 12 Volt |
| Light Bands | Visible, Coax Infrared (wavelength 880-910 nm) Ultraviolet (wavelength 365 nm) |
| Optional Software | ID-Passport, ID-License, Global-ID, Reference Database, DL-Alert® |
| Compliance | FCC Part 15, Class A, SITA, ARINC, CSA/NRTL |

L-1 Quick Facts

- Leader in document authentication and scanning worldwide, totaling more than 6,000 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 30 million secure credentials annually.
- Produce over 2/3 of U.S. drivers' licenses.
- Sole provider of U.S. passport production capability.
- 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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