



De La Rue

UNITED NATIONS

Electronic Laissez-Passer
(e-UNLP)

The new fully ICAO compliant document which includes a contactless microprocessor chip and facial recognition biometrics is delivered by De La Rue



IMPROVING DOCUMENT INTEGRITY WITH UPGRADED SECURITY

The new United Nations e-UNLP, which is essentially an ePassport, is a fully ICAO 9303 compliant document which demonstrates a sophisticated layering of security features along with an innovative and improved issuance process, guaranteeing the highest levels of security control and document integrity.

One of the objectives of the e-UNLP, by matching or exceeding the travel document standards of its member states, is to facilitate the speedy and efficient travel of representatives on official business.

The new document demonstrates improved security through a number of fundamental changes and improvements:

- The inclusion of an electronic chip and public key infrastructure (PKI) technology
- More than 20 covert and overt market leading and unique security features
- The new e-UNLP document will be issued on a one document per person basis (instead of one document per family) allowing for individual identity verification
- The number of secure issuance sites has been reduced from three to two, allowing for tighter control and security throughout the supply chain
- The e-UNLP is produced using De La Rue's MIDIS™ personalisation and issuance system; a complete IT solution which provides comprehensive security and audit control

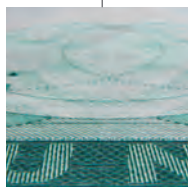


SHOWCASING SOPHISTICATED LAYERS OF SECURITY DESIGN

The e-UNLP features a combination of overt and covert layered security features, including a bespoke cylinder mould made watermark and a secure hologram. The e-UNLP bio data page also features a printed facial image which is formatted to meet ISO standards, with the inclusion of a 'ghost image' to provide additional security protection.

The personal data on the bio data page is protected by De La Rue's MLIS™, a highly secure thin film laminate.

The new security print designs incorporate first-class aesthetics with the highest possible levels of security protection. A selection of these features is illustrated in the image below.



Latent image



Intaglio print



Invisible fluorescent print



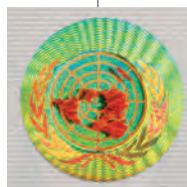
Watermark



Fluorescent page numbers



Multi-lingual UN Charter



Complex Hologram

INTRODUCING ICAO COMPLIANT CHIP TECHNOLOGY

The United Nations issues two types of electronic Laissez-Passers (e-UNLPs) to officials when travelling on behalf of the organization or specialized agency. These are issued to officials serving under the Convention on the Privileges and Immunities of the United Nations or the Convention on Privileges and Immunities of the Specialized Agencies. The e-UNLPs are defined by the colour of their covers: Red or Blue.

Red e-UNLPs are only issued to designated levels of senior officials. Diplomatic inserts describe the privileges and immunities, exemptions and facilities specifically afforded to those senior officials by their level as described in the relevant conventions.

All other officials of the United Nations and Specialized Agencies receive Blue e-UNLPs when travelling on official business for their respective organizations.

The introduction of the contactless microprocessor chip provides numerous advantages to the security and functionality of the e-UNLP document including:

- Increased certainty about the bearer's identity, which will help to combat ID theft and the creation of fraudulent documents
- Facilitation of a more efficient border crossing process
- Cryptographic data protection to safeguard data integrity and confidentiality

The chip within the e-UNLP document is fully compliant with ICAO standards and has critical data encoded onto it, including:

- Data from the document machine readable zone (MRZ) including the document number, name of holder and date of birth
- A biometric image of the passport holder
- A secure object (SOD) to protect the data with Public Key Infrastructure (PKI) cryptographic technology

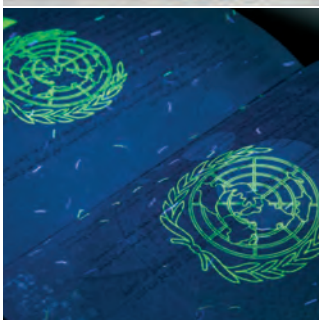
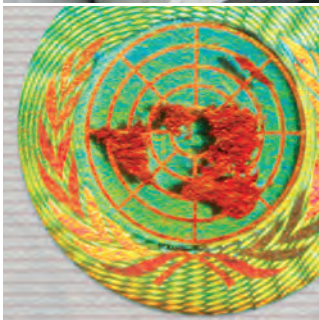
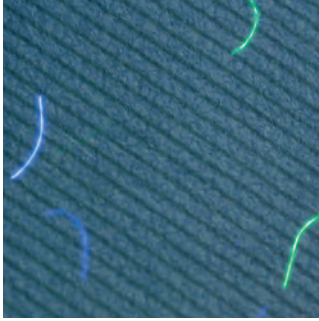


ENSURING DATA SECURITY

Featuring a Public Key Infrastructure (PKI) solution for the generation of digital signatures, biometric templates and the standardisation of facial images, the United Nations e-UNLP will be amongst the most secure identity documents in the world.

The e-UNLP book utilises Basic Access Control (BAC), the ICAO mandated standard of access control. BAC ensures that the data on the chip cannot be read without physical access to the travel document. By reading the information in the machine readable zone and confirming BAC 'keys' a secure dialogue can be established between the inspection terminal and the chip.

The United Nations is now also a participant of the ICAO Public Key Directory (PKD) which allows the UN to share and exchange certificate information with other PKD participants in a timely, secure and efficient manner.





DeLaRue

ALL THE PROOF YOU NEED

De La Rue's intelligent solutions ensure the integrity of every individual's identity, today and tomorrow.

A reliable and trusted partner of governments worldwide, De La Rue has implemented over 100 projects in 65 countries in the last 6 years alone, focussing on the provision of passport, ePassport, national ID, eID, driving license and voter registration schemes.

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