IRIS
Bringing Solutions to Life

PASSPORT SPECIMEN
SPECIMEN DE PASSEPORT

IRIS ePassport

World Class Travel Documents

Our cutting-edge, secure, and globally recognised ePassports provide unmatched protection against identity theft and fraud, ensuring safe and seamless international travel for every citizen.

ePassport Revolution

As a globally accepted travel and identity document, the electronic passport (ePassport) is relied upon by millions of individuals crossing international borders every day. For governments and travellers around the world, the implementation of ePassports has brought with it unprecedented levels of security and convenience. As a leading technology-intensive company, IRIS has pioneered numerous breakthrough identity products and solutions for greater national and trans-border security.

World's First ePassport

In 1998, we put a chip into the conventional paper passport book. That tiny new ripple sent big waves into the world of secure identification documents. The Malaysian invention went on to become the impetus for the International Civil Aviation Organisation (ICAO) to approve the landmark New Orleans resolution adopting contactless smart card technology in conventional passports.

As a pioneering manufacturer of the ePassport, we are ever mindful of the need for mitigating the mounting and evolving threats of global terrorism, illegal migration, fraud, and cyber crimes. Our job is to supply tamper-evident and fraud-proof ePassports that facilitate highly secure and interoperable identification and authorisation processes as required by governments or border control authorities. We offer a comprehensive range of tamper-evident and forge-resistant components, from eInlays, eCovers to ePages (data page). We continuously enhance the ePassports we produce using the latest technologies. All ePassport components are loaded with best-in-class high security innovations to protect both the book and its data from unauthorised access.

Cutting-edge Technology

As ePassport technology progresses, we are further evolving the latest generation embedded chip and antenna to enhance security, eliminate data tampering and duplication, and facilitate the monitoring of traveller border crossings with additional biometrics as well as read-write functionality.

High **Security** ePassport

IRIS ePassport books are designed and manufactured to be globally interoperable – booklet with a choice of eInlay, eCover, or ePage of both the document and its bearer. Designed for quick verification and authentication, we focus on providing a secure, durable, and innovative ePassport solution.

We maintain regular communication with the International Civil Aviation Organisation (ICAO), who is set to introduce next-generation Logical Data Structure (LDS 2.0) protocols for the reading and writing of electronic travel stamps, electronic visas, and additional biometric data (post-issuance updates) into ePassport chips.

Our ePassport **Components**

At IRIS, we are Integraf certified supplier who design and deliver high-quality ePassport components that meet the most stringent international standards for security, performance, and durability. Each component is precisely engineered to integrate seamlessly, offering strong resistance to tampering and reliable functionality throughout the passport's lifespan.

From the robust **eCover** to the high-performance **eInlay** and secure, customisable **ePage**, our solutions ensure dependable operation while reflecting national identity through thoughtful design and innovation.

IRIS eCover

Our ICAO 9303 compliant eCovers feature superior, smooth and flat finishing for our ePassport books which are renowned for their durability and dependable service life.

IRIS eCovers demonstrate high bond strength and adhesion with proven resistance to delamination. The antenna and contactless chip are securely embedded and bonded with high strength adhesives between layers of laminate materials.

IRIS eInlay

We manufacture high quality, reliable, ICAO 9303 compliant eInlays with excellent electrical performance for our long service life ePassport books.

Both the antenna and contactless chip are embedded within layers of durable, synthethic paper and polyethylene terephthalate (PET) to produce ultra smooth, thin and flexible eInlays.

IRIS Data Page

Our laser-ready polycarbonate (PC) passport data pages are available with and also without embedded chip and antenna.

Besides being artistically designed and customised to present and reflect a country's cultural symbols and national values, the data page also features an array of innovative security features to prevent counterfeiting and tampering.

FRONT

Type
P

Country Code
MYS

Passport no.
A12150644

Surname
DIOUF

Given names
ALIYAA

Date of birth
17 Feb 1989

Height
180

SEX
F

DATE OF ISSUE
15 May 2024

Nationality
Malaysian

DATE OF EXPIRY
15 May 2029

Issuing authority
JIM

A12150644

P<MYSDIOUF<<ALIYAA<<<<<<<<<<<<<<<<<<
A121056445MYS8902177F29051547U88DFGHJX<<<<06

BACK

SPECIMEN

POLYCARBONATE (PC)
HIGH SECURITY DATA PAGE WITH CHIP

This passport contains 34 pages
#IRISecurePassport

Engineered for trust, **IRIS ePassports** blend advanced **security inks, intricate graphics, and ICAO-compliant features**—as secure as they are sovereign.

We offer **bespoke end-to-end solutions** for secure ePassports

Security Design & Document Manufacturing

Enrolment & Data Management

Personalisation

Issuance

Document Delivery & Control

PKI & Key Management

Document Lifecycle Management

Inventory Management

---

1 Positive Variable Size Text

2 Duplex Pattern

3 Guilloche (Positive/Negative)

4 Taggant Ink

5 Negative Microtext

6 Invisible Reactive Ink (IR)

7 Aura Pattern

8 Multicolor Positive Microtext

9 Special Screening

10 Transparent Window

11 Lenticular

12 Multiple Laser Image (MLI)

13 Multicolor Guilloche (Positive/Negative)

14 Infrared Transparent Ink (IRT K)

15 Optical Variable Ink (OVI)

16 Thermochromic Ink

17 Iridescent Ink

18 Negative Deliberate Microtext Error

19 Anticopy

20 Relief with Line Width Modulation Printed in Rainbow Colour (3 in 1 Security Features)

21 Invisible Constant Image (ICI)

At IRIS, our professional and experienced designers use the latest software and technology to create highly secure and distinctive designs to suit the unique requirements of individual clients with a choice of overt, covert or forensic security elements. We can offer more than 35 security element options combined with high quality materials to guarantee the production of highly secure and durable ePassports as well as to combat specific threats.

Transforming Ideas into Reality: From Design Concept to Passport Production

We collaborate with governments to navigate the intricate journey of transforming innovative passport design concepts into secure, tangible realities. Leveraging cutting-edge techniques and robust processes, we create passports that safeguard national identity while reflecting cultural heritage.

Our production process incorporates advanced security features to ensure document integrity and protect against fraud. Visa pages are designed with intricate, customer-defined symbols and printed using high-security inks, making them highly resistant to counterfeiting and fraudulent alterations. From conceptualisation to manufacturing, we prioritise the integration of modern security elements that uphold the trust and confidence placed in national identity documents.

Book Cover

Inner Cover Pages

Visa Pages

Ultraviolet (UV) Image

Global Expertise You Can Rely On

As a solution architect, service provider, innovator, inventor and manufacturer, we collaborate with governments, businesses and industries from more than 34 countries across the globe providing award-winning solutions to meet their identification, verification and authentication needs.

"IRIS Corporation Berhad was an easy choice to engage for the project as it is recognised for producing Asia's first integrated smart card facility and for launching the first e-Passport in Malaysia in 1998."

Manasseh Sogavare, Former Prime Minister of Solomon Islands

"IRIS Corp Bhd is a great model to highlight how Malaysian companies are well accepted here, as it worked hard to deliver and ensure the success of projects."

Elhadj Madifing Diane, Former Security & Civil Protection Minister of Republic of Guinea

Key Advantages of IRIS ePassport Solution

Complete end-to-end integrated ePassport system.	Robust and secure infrastructure, from enrolment to document delivery & control.	Rapid ePassport production & implementation in less than 4 months.
Ability to select security feature application according to the ICAO 9303 recommendations.	Optimal use of proven technology already in use in similar secure documents since 1998.	Availability of symmetric key technology guarantees the security of blank ePassports and data transmission.
Availability of digital signature to mitigate risk of chip data tampering.	Adoption of the Public Key Infrastructure (PKI) technology to prevent ePassport cloning.	Certified by Intergraf for security printing (ISO 14298) and as trusted security supplier (CWA 15374).

Our **Secure Solutions**

We offer comprehensive, sustainable, highly adaptive, and customisable Trusted Identification software and solutions that are built on secure platforms and architecture. Our proven solutions unify security, inventory, workflow, and lifecycle requirements while managing enrolment, production, issuance of physical, electronic and digital documents such as identity cards, ePassports, driver's licenses, voter cards, travel visas and many more.

IRIS eID and Digital IDentity Solution	IRIS ePassport Solution	IRIS Border Control Solution	IRIS Driver's License & Vehicle Registration Solution	IRIS Voter ID & Management Solution
IRIS eVisa Solution	IRIS Smart Card Solution	IRIS Secure Document Solution	IRIS Smart Kiosks	IRIS Smart Devices

Why IRIS ?

We are a globally recognised technology-driven company with dual-certifications for Intergraf's global security printer and security supplier. Our experience of more than 30 years has allowed us to pioneer numerous break-through identity products and solutions for greater national and trans-border security. Backed by a committed team of innovators, IRIS invented the world's first ePassport in 1998 and the world's first multi-application National ID card in 2001. Our Innovative, Relevant, Intelligent, and Secure identification solutions span the globe, covering smart card manufacturing, secure travel documents, authentication devices, and end-to-end identity management. Over the years, we have expanded our global footprint to over 34 countries and we will continually increase our customer base while widening our international presence in diverse markets. By embracing cutting-edge technologies like AI and Post-Quantum Cryptography, we enhance automation, fortify security, and ensure resilience against evolving digital threats—delivering sustainable, future-proof identity solutions for an increasingly digital world.

CERTIFIED SECURITY SUPPLIER — CSS — INTERGRAF — CWA15374 Certified

CERTIFIED SECURITY PRINTER — CSP — INTERGRAF — ISO 14298 Certified

QUALITY SYSTEM — UKAS MANAGEMENT SYSTEMS — SIRIM 0074 — CERTIFIED TO ISO 9001: 2015 CERT. NO.: QMS 03266

ENVIRONMENTAL SYSTEM — UKAS MANAGEMENT SYSTEMS — SIRIM 0074 — CERTIFIED TO ISO 14001: 2015 CERT. NO.: EMS 00923

ISMS — UKAS MANAGEMENT SYSTEMS — SIRIM 0074 — CERTIFIED TO ISO/IEC 27001: 2013 CERT. NO.: ISMS 00315

IRIS
Bringing Solutions to Life

IRIS CORPORATION BERHAD 199401016552 (302232-X)
Email: marketing@iris.com.my
www.iris.com.my

MD STATUS