INNOVATIVE SOLUTIONS FOR
TRUSTED IDENTITY

IRIS
Bringing Solutions to Life

ENRICHING LIVES
THROUGH TECHNOLOGY

INTRODUCING IRIS

Founded in 1994, IRIS Corporation Berhad (ACE Market: IRIS) is an MSC-status technology innovator and leading provider of Trusted Identity products and solutions. Since pioneering the world's first ePassport in 1998, IRIS has set itself apart as a dedicated end-to-end integrated solutions provider for eID, ePassport, Automated Border Control (ABC), multiple credential identity management ecosystems, where authenticity, improved security, speed, accuracy and effectiveness are of paramount importance.

Over the years, we have expanded our global footprint to 34 countries and we will continually strive to increase our international presence for diverse markets and customers. Every day, our capable, experienced, agile and adaptive team delivers viable, secure and comprehensive solutions to suit the needs of our customers around the world while being grounded by our core values of collaboration, integrity, innovation, trust and accountability.

We pride ourselves in integrating disparate technologies to bring to life full suites of solutions that will enrich lives and change the world for the better.

This is what IRIS is about. Changing the way we do things for a sustainable and brighter tomorrow.

Vision

Global leader in Trusted ID solutions that are Innovative, Relevant, Intelligent & Secure (IRIS)

▶ **Innovative**
Out-of-the-box thinking which challenge conventional views.

▶ **Relevant**
Customised solutions which address specific needs of business partners.

▶ **Intelligent**
Smart, user-friendly solutions which deliver great customer experience.

▶ **Secure**
Robust solutions which are safe from unauthorised access and fraudulent and malicious activities.

Mission

To continuously deliver innovative and customised solutions with our Business Partners.

Our C.I.IN.T.A. values cultivate a great workplace to achieve our mission.

Core Values

Collaboration
We work together towards our organisation's goal.

Integrity
We do the right thing even when no one is watching.

INnovation
We challenge the status quo

Trust
We can always count on each other.

Accountability
We take ownership and responsibility in our daily work.

OUR PIONEERING SOLUTIONS
INVENTOR OF WORLD'S FIRSTS

- **Asia's 1st** Fully integrated manufacturing centre for contact and contactless smart cards, document inserts (inlays) and assembled modules in tapes and reels (1994)
- **World's 1st** Electronic Passport (ePassport) launched in Malaysia (1998)
- **World's 1st** Autogates launched at Kuala Lumpur International Airport (KLIA), Malaysia (2000)
- **World's 1st** Multi-application Electronic ID (eID) Card launched in Malaysia (2001)
- **World's 1st** Electronic Passport with Biometrics introduced in Malaysia (2002)
- **World's 1st** Electronic Passport Renewal Kiosk (KiPPas) launched in Malaysia (2006)
- **World's 1st** Handheld Terminal with Intel Atom Processors (2011)
- **World's 1st** Multi-eDocuments Smart Laser Marker (2013)
- Proud owner of 11 patents, including:
  - o 2010/0245,034 : Method of reading Machine Readable Zone (MRZ) using Secure Access Module (SAM) for electronic chip based travel document or identification document.
  - o 6,041,412 : Apparatus and method for providing access to secured data or area.
  - o 6,111,506 : Method of making an improved security identification document including contactless communication insert unit.

OUR TOTAL SOLUTIONS
WE DESIGN, DEVELOP, MANUFACTURE & DELIVER

At IRIS, we provide end-to-end products and solutions for Trusted ID, from the design of smart cards and ePassports to the development and manufacture of software and hardware for authentication and verification systems. These include a range of biometric card readers, multi-fuction devices, kiosks and smart gates. Our pioneering software and hardware enable us to produce an entire range of highly secure national identity documents such as Drivers' Licenses, eVoter cards, Subsidy cards and eHealth cards. We also have the capability to produce loyalty, membership and identification cards to access corporate premises, resources and information for various businesses.

In addition to customising these national and corporate security solutions to your needs, we provide project management and maintenance services to enable you to derive optimum benefits from our product offerings.

IRIS eID and Digital IDentity Solution
Our uniquely designed national identity solution offers a complete trusted identity ecosystem covering eID card lifecycle management, eID card software, smart card readers and handheld solutions, biometrics, Public Key Infrastructure (PKI), card production, personalisation and control systems. We also provide verifiable Digital ID solution, an important enabler for access to public and personal services, and key to fostering financial freedom as well as economic inclusion.

IRIS ePassport Solution
Our comprehensive and intelligent ePassport solution has served more than 15 countries in various form factors and components namely eInlay, eCover, ePage, ePassport Lifecycle and Issuance System. As the industry moves forward, we are all geared up to provide the latest generation ePassport that supports Logical Data Structure (LDS) 2.0, which will enable storage of both personal biometric data and travel records like visas and travel stamps on the chip.

IRIS Border Control Solution
Armed with scalable, extensible architecture, our IRIS Border Control Solution seamlessly automates and accelerates border crossings by combining smart eGates, manned and hybrid counters as well as mobile and remote control options that are comprehensively managed by a centralised, intelligent Border Control Management System.

IRIS Driver's License & Vehicle Registration Solution
We offer automated, user-centric enrolment and issuance systems for driver and motor vehicle licensing covering ISO-compliant smart cards complete with vehicle registration, driving license and road tax information.

IRIS Voter Card Solution
In helping electoral administrations to ensure transparent and error-free elections and electronic voting, we supply tailored solutions comprising eVoter ID cards, mobile enrolment, various biometric and smart devices, and bespoke software.

IRIS eVisa Solution
Our comprehensive Visa solution provides travellers and immigration authorities with quick, convenient and highly secure visa application options. Easily integrated with pre-existing visa procedures and systems, our rapid deploy solution ensures faster, smarter, safer tourist and visitor arrivals to directly benefit local economies.

National eIDs

IRIS supports governments around the world by providing secure electronic national ID cards to increase citizen protection, thus contributing to more effective and better controlled identity checking. The electronic format of these cards means that, in addition to being used for identification and verification purposes, they can also be deployed as access cards to corporate infrastructure or secure locations, as well as social security cards and, in some countries, as drivers' licenses, healthcare cards, transit cards, payment cards or even bank cards.

Travel Documents

Regardless of whether an electronic or standard passport is required, whether it is personalised on an inkjet printer or by laser engraving – IRIS is able to match the different needs of governments all over the world with our own uniquely tailored passports. We offer the full complement of passport components including the highly secure laser-engravable Polycarbonate (PC) data page (ePage), electronic inlay (eInlay), electronic inlay with cover (eCover) and the operating system for electronic travel documents.

eDriver Licenses

License cards from IRIS incorporate microprocessors that securely store the drivers' data, protecting citizens against identity theft. In addition, they contain key information in both visible and readable forms, enabling driver's data to be scanned rapidly during traffic checks, administrative processes or when hiring a car. Checks on the driver's history can also be performed, and may help with traffic and road safety enforcement.

Voter eIDs

In most countries, Voter ID is required as a form of identification during an election. At IRIS, we provide Voter ID cards, which act as secure carriers for voter information to minimise the record duplication. With electronic Voter eID Cards, a voter's identity can be easily verified and authenticated. All data is stored in the chip within the smart card and protected by advanced encryption algorithms.

Subsidy eIDs

With IRIS' subsidy solution, governments can deliver the right aid to the right people at the right time, effectively. Through judicious use of business modelling, data security management, biometrics, smart card technology and cryptography, IRIS' subsidy solutions enables governments to deliver assistance in a timely and secure manner. Our highly flexible and customisable solution can be integrated with existing national ID, with mobile devices and customised Kiosks.

Security Certificates

Protecting paper-based documents is a priority in the face of cut and paste forgery, threats of alteration, and high technology counterfeiting. IRIS' security certificates are designed with safety, security, reliability and fraud prevention in mind. As specialists in secure certificate design, printing and personalisation, we offer many innovative and highly effective security features, incorporating the latest techniques for protecting certificates against fraud.

IDENTIFICATION SOLUTIONS FOR GOVERNMENT
TECHNOLOGICALLY ADVANCED, PERSONALISED SOLUTIONS

At IRIS, we design, develop and manufacture multi-application smart cards and ePassport components for use in identification, ticketing, electronic purse, credit/debit, access control and other applications where the highest level of security is required.

To ensure a winning edge in the never-ending race between security and fraud, IRIS has created a trusted national identification range of secure, durable, innovative and tamper-proof credentials and open and proprietary operating systems that ensure you will always be one step ahead. Our product portfolio starts from entry level electronic identification devices to security-evaluated multi-application and multi-interface documents for ID, travel, driving, voting and healthcare by adopting the latest national and international regulations and technological standards.

ENTERPRISE SOLUTIONS
SECURE, CONVENIENT AND RELIABLE

IRIS provides tailored enterprise solutions to support organisations to power through their own unique requirements for achieving automation and digitalisation objectives.

IRIS Smart Card Solution

Attractive and functional smart cards are a great way for businesses to attract, reward and retain customers. Besides offering convenience, smart cards can deliver in so many ways - from combining simple personalised printing such as name, ID number and photo to enhancing security using 2D barcode, embedded chip, holograms and various multi-level security printing and features.

Our capabilities include the manufacture and supply of:
- Smart cards embedded with contact and/or contactless chip.
- Smart card software and integration solutions.
- Specialised smart card structure and smart card body.
- Specialised printing, security design and security features on smart cards.
- Secure smart card personalisation and fulfilment services.

Use cases and scenarios for optimising business with this solution include:

- ▶ Non-bank payment cards and cashless payment cards for travel and tourism, retail and hospitality sectors.
- ▶ Loyalty, membership and gift cards for retail and trade sectors.
- ▶ Access cards for hotels, amusement parks, and MICE tourism segment.
- ▶ Fleet cards for businesses to manage expenses associated with the vehicles they own and operate.

IRIS Smart Devices Solution

Smart cards remain commonplace in transactions involving personal identification, authentication, controlled access, banking and finance. IRIS offers a wide range of smart devices, applications and software development kits (SDK) to complement and support most, if not all, smart card reading needs and requirements.

Use cases for our easy to use, install and connect smart devices are:

- ▶ Over-the-counter services requiring identity verification in banking, finance, insurance, hospitality, healthcare and other similar industries.
- ▶ Trade fairs, road shows, exhibitions, conferences and other similar events requiring identity verification or controlled access.

IRIS Secure Document Solution

IRIS' innovative secure document solution allows immediate verification of certificate authenticity by using high-level security technology such as Public Key Infrastructure (PKI), unique digital signature and facial recognition. Our solution is user-friendly, easy to deploy and saves time. This solution helps overcome threats of counterfeit and forgery and users are able to instantly validate the authenticity of certificates.

Our solution can offer an edge in the following use cases:

- ▶ Educational or learning/training certificates.
- ▶ Halal certification and product authenticity certificates.
- ▶ Award and appreciation certificates.
- ▶ Certificates of ownership or proof of insurance.

SMART DEVICES
AWARD-WINNING, ROBUST DEVICES

Smart eGate

Mobile Enrollment Unit

CONSULTANCY:
LOCAL PROJECTS, GLOBAL BEST PRACTICES

We enjoy a strong reputation internationally for our innovative approach to electronic identification and smart card solutions. We recognise that each client has different needs and our team is committed to understanding the particular requirements of our wide base of clients before exploring possible solutions that best meet these. Every project undertaken is given utmost priority, and we apply global best practices in every instance, adapting these to local circumstances.

SMART READERS

| BCR600BT | BCR610DTP | SCR50U | SCR51U |

Transportation

Banking & Financing

Enrolment

Loyalty & Membership

Access Control

Government Agencies

Healthcare & Insurance

WE ARE COMMITTED TO WORKING WITH YOU TO PROVIDE SOLUTIONS THAT WILL GIVE YOU A COMPETITIVE ADVANTAGE.

Our Services:
- Personalised Technology Consultancy
- Effective Solution Design & Development
- Comprehensive System Integration
- Hands-on Project Management
- Reliable Maintenance & Support

OUR GLOBAL FOOTPRINT
CUSTOMER TRUST AND SATISFACTION IN 34 COUNTRIES WORLDWIDE

An established player in Trusted Identification, we have expanded our global footprint to 34 countries over the years. As a solutions architect, service provider, innovator, inventor and manufacturer, we collaborate with governments, businesses and industries providing award-winning solutions to meet their identification, verification and authentication needs.

We are passionate about developing creative, robust solutions that simplify and add value to our clients' operations, enhancing public perception and trust.

34 countries and still expanding

"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, Security and Civil Protection Minister of Republic of Guinea

"Our country is the first member state to implement ECOWAS' directive of issuing ECOWAS Biometric ID Cards to the citizens. This is a multi-use and multi-functional card, which will not only serve as Senegal's national identity card but also a voting card. In addition, with this new card we can live and reside in any ECOWAS country without having to provide any other identification document."
Macky Sall, President of the Republic of Senegal

Source:
1) https://www.commerce.gov.sb/activities-updates/news/press-releases/410-historic-e-passport-system-launched.html
2) http://www.ssig.gov.my/blog/2014/02/27/malaysian-companies-urged-to-invest-in-guineas-education-sector/
3) https://www.pressafrik.com/Nouvelle-carte-d-identite-biometrique-Le-Senegal-premier-pays-de-la-zone-Cedeao-a-l-appliquer_a155211.html

AMERICAS
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Canada
United States

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Italy
Netherlands
Norway

ASIA
Afghanistan
Bahrain
Bangladesh
Bhutan
Brunei
Cambodia
India
Indonesia
Kazakhstan
Malaysia

Maldives
Myanmar
Saudi Arabia
South Korea
Sri Lanka
Thailand
Turkey
Turkmenistan
United Arab Emirates
Uzbekistan

AFRICA
Egypt
Guinea Conakry
Nigeria
Senegal
Somalia
Tanzania

OCEANIA
New Zealand
Solomon Islands

TECHNOLOGY INNOVATOR & LEADING PROVIDER
CONTINUOUSLY DELIVER INNOVATIVE AND CUSTOMISED SOLUTIONS WITH OUR BUSINESS PARTNERS

MAKING DIGITAL INTERACTIONS SECURE AND EASY
You can be rest assured that our our Trusted Identity, Government and Enterprise solutions are able to meet the demands of evolving societies in an increasing borderless and connected world.

TRUST FROM 34 NATIONS
We are the preferred Trusted Identity and Enterprise solutions provider to 34 countries across various continents.

UNLOCKING A SUSTAINABLE, EMPOWERED FUTURE FOR COMMUNITIES
We believe in Trusted Identity as a key enabler of everyday life by enabling citizens to vote, register for subsidies and use government services.
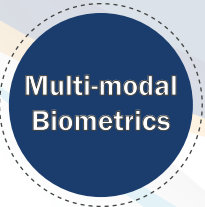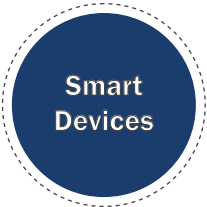
SECURING IDENTITIES
Our ePassport, eID, eVoter and eDriving License products and solutions help to securely identify people around the world.

INNOVATION DEMONSTRATES OUR COMMITMENT
We create convenience and trust with our innovations such as smart devices, mobile authentication, smart eGates and facial recognition.

YOUR SYSTEMS INTEGRATOR OF CHOICE
GLOBALLY RECOGNISED & TRUSTED

- Silicon Technology
- Smart Devices
- Multi-modal Biometrics
- Operating System (OS)
- Customised Applications

We provide complete technology lifecycle services from consultancy, design, implementation to advance support and professional training, customised to your needs.

OUR PEOPLE
AGILE, CREATIVE & INNOVATIVE

Our greatest asset is our team and they have made their mark around the world for being experienced and agile, adapting our products and solutions to suit our customers' needs.

Our team comprises specialised professionals and experts from diverse backgrounds with superior knowledge and skills. to successfully design and deliver. From design to delivery, our teams cover research and development, material science, product development to solutions architecture, software development and customer service.

The high levels of perseverance, creativity and innovation amongst IRIS teams have resulted in 11 patents for our cutting edge products and solutions. Our quest for service and product excellence has us upholding the highest standards and quality by:

- Accelerating innovation while improving quality.
- Making constant improvements in R&D processes, methods and tools.
- Contributing to increased security in Trusted Identity solutions.
- Actively supporting and participating in global advances for Trusted Identity.

IRIS
Bringing Solutions to Life

MALAYSIA
BEST EMPLOYER BRAND
AWARDS 2016.

OUR COMMITMENT TO EXCELLENCE AND INNOVATION
ASSURANCE FOR SECURITY & QUALITY

Our Certificates
- ISO/IEC 27001:2013 – Certification for Information Technology – Security Techniques – Information Security Management Systems.
- ISO 9001:2015 – Certification for Quality Management Systems.
- ISO 14001:2015 – Certification for Environmental Management Systems.
- ISO 14298:2013 (INTEGRAF) – Security Management System for Secure Printing Certified.
- CWA 15374:2018 (INTERGRAF) – Security Management System for Suppliers to the Secure Printing Industry.

Awards & Recognition
- Asian Innovation Award 1998.
- APMITTA Awards 1999 & 2000 – Best Multipurpose Card Solutions.
- D'UCOTY 2005 Award – Technology Leadership Smartcards.
- CARDEX 2007 Awards – Outstanding Supplier.
- SESAME Award CARTES 2007 – Best Identification Application.
- Frost & Sullivan Enabling Technology Award 2008 – ePassport Smart Card Market.
- International Business Review Awards 2009 – Excellence in Green Technology Sector.
- MSC APICTA Awards 2011 – Best e-Government & Services.
- Prime Minister's CSR Awards 2012 – Winner of Community & Social Welfare Category.
- 3rd Global Leadership Awards 2013 – IT System Integration Sector.
- Labour Day Awards 2013.
- Malaysia Best Employer Brand Awards 2015 & 2016.

Memberships & Associations
- Industry association for payments and identity in Asia, APSCA.
- International Card Manufacturers Association (ICMA).
- International Civil Aviation Organization (ICAO) Machine Readable Travel Document (MRTD) Partnership Community.
- ICAO and ISO JTC 1/SC 17/WG3/TF5.
- International Organisation for Standardisation/International Electrotechnical Commission (ISO/IEC).
- National Biometrics Standards Malaysia (SC37) & Cards and Security Devices for Personal Indentification (SC17).

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Bringing Solutions to Life

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