Electronic passports and eIDs in their millions are in circulation around the world with developing countries embracing the transformational digitalization trend. Currently, more than 2 billion biometric National IDs and 690 million biometric ePassports are currently in circulation. Issues such as the rise in terror attacks, the refugee crisis, cross-border migration, illicit trade and international crime are also incentivizing governments to establish enhanced border control infrastructures, while e-passports are also ensuring swift and efficient throughput of legitimate travelers.

For 13 years, our "Top 50 Suppliers of ePassport Technology" features the most active players in the ePassport and eID evolution, who are driving advancements in biometrically enabled, machine-readable identities and travel documents (MRTDs).

» Manufacturing electronic IDs
» Integrating ePassport systems
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**LEGEND**

- **COMPONENTS**
  - SP = Security Paper
  - IC = IC Chips
  - OS = Operating Systems
  - INL = Inlays/Antennas
  - CARDS = Cards/Passports
  - PL = Prelaminates

- **EQUIPMENT**
  - MF = Card Manufacturing
  - PERS = Data Capture and/or Personalization
  - APP = Software/Applications
  - HW = Readers/Hardware

- **SERVICES**
  - SI = System Integrator
  - VAR = Value Added Reseller
### 3M Security Systems Division

**Website:** www.3M.com/security  
**Address:** 1545 Carling Ave., Suite 700, Ottawa, Ontario – Canada  
**Phone:** +1 613 720 2070  
**Fax:** +1 613 720 2063

3M Security Systems, Identification & Authentication security solutions from one of the world's most trusted and innovative companies. Industry experience. Global reach. Ingenious technologies. Integrity. Credentials that have made 3M a leading provider of security solutions. Serving customers in over 200 nations, you not only get the personal attention of a local company, but also benefit from the strength of an experienced, reliable, global organization. 3M™ ePassport Readers, 3M™ Identity Document Issuance Systems, 3M™ Border Management Systems and 3M™ Confirm™ Laminates offer proven security.

### Access IS

**Website:** www.access-is.com  
**Address:** 18 Suttons Business Park, Reading, Berkshire, RG6 1AZ – UK  
**Phone:** +44 7748 770 632  
**Fax:** +44 118 926 7281

Access IS designs and manufactures innovative e-Passports, e-IDs, and e-DLs readers for Governmental and Commercial applications. From the world's smallest OEM OCR reader to our compact desktop Full-Page passport reader, we have a broad range of scanners to answer all your needs (i.e.: Border control & Immigration, ID Document Issuance, Law Enforcement, Hotel Check-in, Banking and Retail, Gaming, KYC, etc.). All our products are designed to be fast, accurate and highly reliable to endure years of heavy duty frontline use.

### ASK

**Website:** www.ask-rfid.com  
**Address:** 2260 route des Crêtes, BP337, 06906 Sophia-Antipolis – France  
**Phone:** +33 4 97 21 40 00  
**Fax:** +33 4 92 38 93 21

ASK, with over 200 million contactless products in circulation in 50 countries, including more than 15 million ePassport inlays, is a worldwide provider of a full range of contactless devices including smart cards, smart tickets, smart adhesive labels, readers and inlays for electronic passports, eID documents and contactless smart cards. The ASK e-Identity range includes SPiD eCovers for ePassports, and CoreLam, for eID inlays. ASK has been selected by major clients worldwide to provide e-identity inlays to several governmental bodies.

### Atlantic Zeiser

**Website:** www.atlanticzeiser.com  
**Address:** Bogenstraße 6-8, 78576 Emmingen – Germany  
**Phone:** +49 7465 291-0  
**Fax:** +49 7465 291 166

Atlantic Zeiser is a world-leader in industrial high-security identification, coding and personalization solutions, offering total system solutions to governments and industries such as security printing (passport and banknote production), commercial printing, plastic card, telecom, pharmaceutical, banking, packaging, labels and cosmetics. The company specializes in card personalization systems and digital & security printing solutions by printing sensible variable data onto various products to create product identity – whilst ensuring full data and process integrity. AZ supports its customers through 11 subsidiaries as well as distribution and support offices in some 50 countries.

### Austria Card

**Website:** www.austriacard.at  
**Address:** Lamezanstrasse 4-8, 1230 Vienna – Austria  
**Phone:** +43 1 610 65-0

Austria Card is a market leading and internationally operating company in the field of secure communications for payment, government and industrial applications. High standards, quality of life, innovation, and personal attention are the driving values of the company. Austria Card provides government authorities with national identity cards, driving licenses, digital tachograph cards, police identification, and passport data pages. The compliance with international standards shows that Austria Card meets the customers’ demand for high levels of security: periodical audits of production processes and product quality as well as a continuous innovation process ensure that latest standards are met.
Berlin-based Bundesdruckerei is one of the world’s leading companies engaged in the development and supply of systems solutions for secure identification applications. In addition to full-scale passport and ID-card systems, the company provides national and international customers with ID documents, high-security cards, document verification hardware, security software along with trust center services. Bundesdruckerei also produces banknotes, postage and revenue stamps as well as electronic publications. Subsidiaries of the Bundesdruckerei Group are: BIS Bundesdruckerei International Services, D-TRUST, Maurer Electronics and iNCO.

Cognitec develops market-leading face recognition technology and applications for enterprise and government customers around the world. Various independent evaluation tests have proven the premier performance of the FaceVACS® software. Cognitec’s portfolio includes products for facial database search, video screening and analytics, border control, ICAO compliant photo capturing and facial image quality assessment. Corporate headquarters are located in Dresden, Germany; other offices in Miami, FL; Rockland, MA; and Sydney, Australia.

Crossmatch helps organizations solve their identity management challenges with market-specific biometrics technologies. We empower governments, law enforcement agencies, banks, retailers and other enterprises to mitigate risk, drive productivity and improve service levels. Our solutions are built on consultative expertise, refined best practices and the application of advanced biometrics technologies. Crossmatch understands the forces of change in the markets we serve and we develop solutions that anticipate customer requirements. Our network of consultative and technical service experts collaborate with customers in more than 80 countries worldwide.
Cryptovision
www.cryptovision.com
info@cryptovision.com

cryptovision is a world-leading specialist for cryptography and electronic identity solutions. The Germany based company has been specializing in this field for 15 years, with hundreds of successful projects delivered. More than 100 million people worldwide make use of cryptovision products every day in such diverse sectors as defense, automotive, financial, government, retail and industry.

De La Rue
www.delarue.com
identity.systems@uk.delarue.com

De La Rue’s intelligent Government 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, focusing on the provision of passport, ePassport, national ID, eID, driving license and voter registration schemes. A specialist identity systems integrator, we pride ourselves on the ability to deliver complete identity solutions with the highest possible levels of end-to-end security.

Dermalog
www.dermalog.de
info@dermolog.de

As the name - derived from the Greek terms “derma” (skin) and “logos” (mathematical logic) - suggests, Demalog is active in the fields of biometric identification technologies. Dermalog’s technology, based on more than 20 years of experience, is employed in border control, access control, civil and criminal AFIS (automatic fingerprint identification system), smart card and biometric logon applications. The company has its head office in Hamburg and a branch office in Kuala Lumpur, Malaysia, with further branches planned in the most important markets and continents.

Diletta
www.diletta.com
contact@diletta.com

For more than five decades DILETTA has been engaged in the development and production of identity products and security systems for governments and other national institutions. DILETTA offers complete systems for centralized and decentralized personalization of high security travel documents which support all safety criteria, contactless chip technology and machine readable features. With over 30,000 installations in more than 100 countries we have gathered an amazing expertise and ample experience.

Gemalto
www.gemalto.com
eric.billiaert@gemalto.com

Born of the combination of the two historic leaders in smart card solutions - Gemplus and Axalto - Gemalto is a leader in digital security solutions and dedicated to making personal digital interactions more convenient, secure and enjoyable. The company provides end-to-end digital security solutions, from the development of software applications through design and production of secure personal devices such as smart cards, SIMs, ePassports, and tokens, to the management of deployment services for its customers. Gemalto has operations in about 100 countries and over 10,000 employees including 1,300 R&D engineers.
ENTRUST DATACARD  MF, PERS, APP

Trusted identities and secure transactions with solutions for regional or national governments

Consumers, citizens and employees increasingly expect anywhere-anytime experiences — whether they are making purchases, crossing borders, accessing e-gov services or logging onto corporate networks. They also expect the ecosystems that allow this freedom and flexibility to be entirely reliable and secure. Entrust Datacard offers the trusted identity and secure transaction technologies that make these ecosystems possible.

Citizens expect speed and convenience when they cross borders, vote and access e-gov services. Solution providers abound, but every increase in speed and ubiquity brings new challenges — primarily in terms of security, efficiency, cost and program risk. We offer technologies that empower governments to enhance service levels while strengthening security, mitigating risk and controlling costs. Solutions range from citizen enrolment and document issuance to technoloof physical and digital credentials.

Mobile devices, hosted applications and other new elements of enterprise ecosystems present tremendous upside in terms of innovation, collaboration and productivity. They also present new vulnerabilities. Entrust Datacard provides identity-based solutions that streamline and safeguard access — to facilities, networks and the cloud — for employees and other authorized users. The scalability of our identity-based solutions allows enterprises to respond quickly to changing security needs.

GET Group is a world leader in passport and ID issuing solutions. For more than two decades, GET Group has led the industry with state-of-the-art systems utilizing the world’s most advanced digital printers manufactured by Toppan Printing Co. Ltd. of Japan, exclusively provided by GET Group. Governments from all over the world, including Belarus, Canada, Malaysia, Oman, Qatar, South Korea, UAE, USA and Zimbabwe, are proudly using our systems to issue highly secure passport and ID documents.

GET Group
www.getgroup.com
info@getgroup.com

GET Group CARDS, PERS, APP, HW, SI, VAR
230 Third Avenue, Waltham, MA 02451 – USA
Tel: +1 781 890-6700 Fax +1 781 890-6320

Get Group is a world leader in passport and ID issuing solutions. For more than two decades, GET Group has led the industry with state-of-the-art systems utilizing the world’s most advanced digital printers manufactured by Toppan Printing Co. Ltd. of Japan, exclusively provided by GET Group. Governments from all over the world, including Belarus, Canada, Malaysia, Oman, Qatar, South Korea, UAE, USA and Zimbabwe, are proudly using our systems to issue highly secure passport and ID documents.

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IIG is a trusted security printing provider and adviser to governments, ministries, state agencies in the area of advanced technologies for manufacture of passports and other official ID documents. Industry experience: manufacture of passports and other official ID documents along with system solutions for document personalisation, secure data management systems and population registers (civil registers, national registers), Track&Trace systems to fight tax evasion and illicit trade. Our offer includes setup of a full manufacturing facility and transfer of state-of-the-art technology.
Integrale Solutions, a subsidiary of Arjowiggins Security SAS, specializes in both digital and physical security for the e-ID and secure documents market. Integrale Solutions is your trusted solution partner to deliver a complete end to end e-Document solution. We benefit from more than 15 years of e-ID implementation experience and expertise in high security document, advanced electronic technologies and system solutions. Integrale Solutions products are a perfect fit for a wide variety of official e-documents: e-passport, national e-ID cards, e-health cards, e-driver licenses, e-tickets, e-vouchers.

Iris
www.iris.com.my
Smart Tech. Complex, Tech. Park, Bukit Jalil, 57000 Kuala Lumpur – Malaysia Tel. +603 89960788 Fax +603 89960441

Founded in 1994, IRIS the inventor of the world’s first ePassport and multi-application smart card, has more than 20 years of experience as a technology innovator and leading provider of secure electronic identification documents for all trusted identity solutions. Recognized for excellence in ID technology, IRIS understands the importance of secure authentication, authorization concerns and standardization to the nation.

Ixla & Gap Laser Associated
www.ixla.it
Via Ponte Chiusella 28, 10090 Romano C.se (Torino) – Italy Tel. +39 0125 719286 Fax +39 0125 718455 renzo.eterno@ixla.it

IXLA & Gap Laser Associated is the sole OEM manufacturer able to offer a complete solution of laser personalization for e-ID cards and e-Passports providing the hardware, proprietary laser source, software libraries and technical support in an unique cost-effective package.

Jdsu
www.jdsu.com
2 Applegate Drive, Robbinsville, NJ 08691 – USA Tel. +1 609 632 0800 Fax +1 609 632 0850

Jdsu’s Authentication Solutions group, now including ABNH, offers a market-leading set of overt and covert security solutions for authentication and brand protection, including counterfeiting protection of identity documents. The company's unique color-shifting technologies, such as OVP SecureShift, MetaSwitch and Phantom, along with its Charms microstructured taggants, can be provided as integrated solutions, including printing on a variety of substrates for labels and packaging. And with the addition of ABNH, options now include holographic hot stamp foil, HoloMag, demetalized holographic laminates, and tamper-apparent holographic labels. Jdsu provides custom solutions for customer-specific authentication needs.
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| **Landqart** | INL, CARDS | Kantonsstrasse 16, CH-7302 Landquart – Switzerland  
Tel. +41 81 307 90 90 |

Landqart has been a trusted supplier for security paper for decades. The art of traditional papermaking is paired with innovative, new technologies at the landqart paper mill. The landqart e-passport cover is the solution for electronic passports. The chip with the biometric data is embedded in a flexible but highly durable synthetic composite structure – a unique concept.

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| **Lumidigm** | PERS, HW | 801 University Blvd SE, Ste 302, Albuquerque, NM 87106 – USA  
Tel. +1 505 2727084  
Fax +1 505 2727354 |

Lumidigm is a biometric company dedicated to enabling convenient, secure, and reliable identification and verification. Powered by multispectral imaging, Lumidigm provides the world's best spoof detection while reducing the transaction time and enhancing the experience of the ePassport holder. Everyone can be enrolled. Everyone can be verified. Lumidigm's sensors are quick and easy to use - performance proven for high-throughput applications such as eBorders - and they can be integrated into any solution that requires identity management in the real world.

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| **MaskTech** | OS, PERS, APP | Masktech GmbH, Nordostpark 16, 90411 Nuernberg – Germany  
Tel. +49 9119 551490  
Fax +49 9119 551497 |

MaskTech is the leading independent provider of high security multi-application operating systems and customized Flash/ROM masked products for electronic identification applications. Our core product - MaskTech Chip Operating System (MTCOS) - is a high performance OS, especially designed for secure semiconductors with powerful crypto co-processor and RFID, dual interface or contact interface. MTCOS is available and certified Common Criteria EAL4+ on a unique variety of microcontrollers of different silicon vendors. MTCOS is a fully open standard compliant (ISO/IEC) multi-application system, used in over 60 country’s travel, ID documents and authentication solutions worldwide. MTCOS is fully compliant to the ICAO DOC9303 (ePassport) standards, to BSI TR-03110 and the eDL specification ISO/IEC 18013.

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| **Melzer maschinenbau GmbH** | INL, CARDS, MF | Ruhrstr. 51 – 55, 58332 Schwelm – Germany  
Tel. +49 2336 9292 80  
Fax +49 2336 9292 85 |

For more than 60 years MELZER has been internationally recognised and established as the leading equipment supplier for the production of the most advanced ID documents, Smart Cards, DIF Cards, RFID Inlays and e-Covers for Passports. Customized solutions, the modular machine system and the lean production approach ensure and maintain unsurpassed yield rates, flexibility and profitability. The MELZER product portfolio also includes a broad range of versatile RFID converting equipment.
### MONET +
**www.monetplus.cz**  
Za Dvorem 505, 763 14 Zlin-Stipa, Czech Republic  
Tel. +420 603 197 011  
Fax +420 577 914 557

MONET + is one of the leaders in security, payment and smart cards personalization solutions in the central Europe region. MONET + has delivered personalization technology for Czech governmental projects of driver license, eID, eRP, e-passport, and digital tachograph. These deliveries cover required PKI infrastructure and communication systems, such as SPOC/NPKD, CVCA, DV as well. Further deliveries of MONET + are in the area of smart card client authentication, electronic banking, banking cards acquiring and issuing, fleet card systems and mobile operators sector.

### Morpho
**www.morpho.com/e-documents**  
11, boulevard Gallieni, 92130 Issy-les-Moulineaux – France  
Tel. +33 1 58 11 25 00  
Fax +33 1 58 11 25 50

Morpho, a high-technology company of Safran, is one of the world’s leading suppliers of identification and e-document solutions. Through its e-Documents Division, Morpho is a worldwide leader in identity documents and secure credentials. It delivers trust through enrolment-, document-, personalization- and issuance solutions. The company manufactures and personalizes highly secure identity documents such as e-passports, ID cards, driver licenses and healthcare cards. Morpho is the world leader in biometrics and has delivered over 2 billion ID documents to date.

### Mühlbauer
**www.muehlbauer.de**  
Josef-Mühlbauer-Platz 1, 93426 Roding – Germany  
Tel. +49 9461 952 0  
Fax +49 9461 952 1101

For over 30 years the Mühlbauer Group has been a reliable turnkey solution partner for private companies and the public sector in the areas of plastic- and chip cards, passports and various RFID applications around the world. The primary reason: our thinking and execution of a solution goes far beyond the ability of other suppliers. Especially for Government projects with applications such as ID cards, passports or driver’s licenses we provide our clients an enormous array of options which save valuable time and resources.

### Multipolaris
**www.multipolaris.hu**  
Ábel Jeno u. 23, 1113 Budapest – Hungary  
Tel. +36-1-381 5000  
Fax +36-1-381 5002

Multipolaris, which was founded in 1989, is specialized in the secure credentials personalization and issuing area. Since its establishment, more than 100 million secure credentials have been issued from our systems in four countries (Hungary, Poland, Slovakia, Spain). We are not only an IT solution provider; we operate a countrywide 24/7 high security personalization solution in Hungary.
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<td>Shahrah-i-Jamhuriat, G-5/2, Islamabad 4400 – Pakistan</td>
<td>+92 90392597</td>
<td>+92 9108143</td>
</tr>
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</tbody>
</table>

NADRA is one of the leading organizations in providing cutting edge technology in system integration and ID solutions in Pakistan. NADRA has one of the largest centralized databases of the world and offers ID solutions and services which keep secure national, social and cultural factors in mind to provide customized solutions for any country. The multiple product & service based applications include issuance of Citizen Registration Cards, Chip based Smart ID Cards, Travel Documents, Biometric based Border Control System, Motor Vehicle Registration System, e-Toll Collection System, Online Verification System, Biometric Verification System, Personnel & Access Control System and e-Commerce platform.

NagraID (Switzerland), expert advisor and technology provider for the digital & ID security industry, offers tailor made products like secure smartcards, Display Cards, inlays, preliminates, e-Covers with gold printing and security features, etc with value-added services and transfer technologies for citizens ID’s, corporate ID’s, financial and e-Consumers ID’s markets. NagraID’s advanced technologies and product families are the results of 35 years of experience in micro-electronic product development, crowned by Swiss high precision, quality methodologies and heritage. NagraID’s products are Certified ISO 9001:2008 & Security environment according to EMV and CCEAL5+. Established in 1976, NagraID joined the Kudelski Group in 2001.

NBS Technologies has remained a leading developer and provider of equipment for card personalization, EMV compliance/migration, smart card manufacturing and semiconductor handling equipment. Governments are clearly the most sensitive and aware of security and access control issues – National Security has never been more important. At NBS, we can deliver card personalization and card printing systems to governments that meet the needs of virtually any specific application. In either an instant, on-the-spot issuance scenario, remote/distributed/branch issuance or via a centralized card production facility, NBS has the solution that fits.


With 2 billion chips sold to date, NXP Semiconductors is the world’s leader in the design and manufacturing of contactless chips used in smart cards, smart labels and tags as well as in automotive systems and the corresponding reader components. NXP has been awarded over 80% of all ePassport projects globally, including the US, France, Germany and Singapore. Furthermore NXP is supplying its technology for major national ID, health card and driving license projects.
Passports and ID Card production lines now form the basis of the latest range of high quality production equipment from Oasys Technologies. On passports and ID Cards, Oasys now has an established track record on machinery to produce the full E-Data Page product covering the key steps of collation, lamination and guillotining/punching operations.

Since 1990, OTI provides secure contactless smartcard technology for a wide variety of markets. OTI's offerings include products/solutions for ePassports, national IDs, electronic payments, petroleum payments, medical, and automatic parking and ticketing systems. OTI provides an end-to-end turnkey, interoperable, ICAO/ISO compliant solution for national ID/ePassports, driving/vehicle licenses, voter registration programs, ranging widely from data enrollment through population registry, biometric screening, and documents production, to eVisa and border control applications, including security printing, raw materials, smart inlays/covers/stickers, chips, operating system, readers and personalization systems.

Optaglio helps governments tackle identity theft and illegal migration by delivering authentication solutions of the highest standards. We develop and innovate our protective solutions for both national and international ID documents in order to keep ahead of counterfeiters. Optaglio delivers advanced security for multilayer polycarbonate documents. The top solution for ID protection - OVMesh™ presents a superior alternative to hot stamping foils with high refractive index in terms of tamper resistance and design versatility and the ease of application.

Founded in 1519, Orell Füssli Security Printing is a leading provider of security technology, products and solutions for identification documents and systems, banknotes, and secure documents. Nowadays, travel documents must meet toughest security standards, and the development, production and issuing of passports, visa and other identification documents has become a complex and demanding task. Since we know how to meet these standards in a customized way, we are the ideal partner for such projects.
Otto Künnecke PERS, APP, HW
www.kuennecke.com
Bülte 1, 37603 Holzminden – Germany
Tel. +49 5531 9300 0
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Otto Künnecke has set a mark with handling of ID projects. In 2014, Otto Künnecke received the ICMA “Elan Award” for the most innovative machine in the business – the DCS, a high-end storage and commissioning system for ID documents for just in time mailing management. With machine solutions by Otto Künnecke, ID documents can be verified, sorted and packed in different kinds of packages – banderoles, post boxes, secure envelopes etc. Otto Künnecke creates the right solution for your special requirements.

PAV Card INL, CARDS, MF, PERS, SP
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timm@pav.de

PAV is a well-established company with a rich tradition and employs about 250 staff members. Our epassport inlays made from polycarbonate or synthetic paper are suited for further processing in every standard passport production. The inlay from PAV can be integrated smoothly into the cover or the data page of the passport. The RFID technology makes it possible to read-out the data wireless. Today we serve several countries with their ePassport inlays and eID cards.

ruhlamat GmbH IC, INL, CARDS, MF, PERS, HW
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ruhlamat is an innovative engineering and machine building company with its headquarters located in Germany. Activities are focused on smart card and passport processing technology, e.g. passport production and personalization, card production and personalization, module preparation as well as Inlay/RFID solutions and special machinery. ruhlamat branches and representations throughout the world create an ideal basis for a professional and area-spanning service network.

Secunet CARDS, PERS, APP, SI
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Secunet Security Networks offers solutions and know-how for the complete life cycle of electronic passports, identity documents, residence permits, and visas. secunet experts support public authorities, organisations in the industrial sector and system integrators in their projects concerning biometrics and eIDs. The Federal Government of Germany as well as many other European countries trust in our expertise as a pioneer and reliable partner.

Secure Tech Consultancy CARDs, PERS, APP, SI, VAR, HW, OS
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Secure Tech Consultancy is the perfect partner for both public & private sector organizations seeking success in planning and implementing IT Solutions. Our expertise covers implementing ID cards, e-Passports, border control, data integration, biometric technologies, RFID systems, access Control, Office Automation and e-Governance projects. We are experienced in enrolment & integration of iris, facial and fingerprint identification. Our success stems from many successful on ground implementations.
Sicpa is a provider of security inks and integrated security solutions that protect most of the world’s banknotes, as well as the security documents of over 100 countries, including passports, visas, ID documents and access cards. We are the trusted partner of governments, central banks and security printers, providing cutting-edge technologies to address specific needs in the domain of document security.

SPS INL, PL

Providing secure and high added value components for card and document manufacturers

SPS has delivered several million epassport inlays and e covers based on its unique ebooster technology to Asian, African, and European countries. The Teslin or paper based inlay includes an etched antenna on a thin PET layer, enhancing the durability of the inlay. Moreover the module and antenna are electromagnetically coupled without any physical, thus breakable, connection. SPS’ technology is designed to accept all chip and OS suppliers on the market, offering a highly reliable, cost effective solution to passport manufacturers. SPS offers unique security features which gives the final passport a unique added value. SPS also propose polycarbonate inlays for electronic data pages.

The company is specialized in the design, manufacture and sale of contactless, dual interface and hybrid solutions for the banking and ID markets. Located in Rousset, France, with a subsidiary in Singapore, SPS employs 120 people. Part of the French Imprimerie Nationale Group, the company specializes in contactless and dual-interface products, with a recognized micro packaging expertise. SPS has filed over 120 patents supporting its exclusive technologies.

As a world leader in dual interface banking and e-ID documents, the company brings value to its customers by pre-certifying the performance of cards using its technology and guaranteeing card functionality in the field.
e Passports Top 50

SMARTRAC INL, CARDS, PL
www.smartrac-group.com
Strawinskylaan 851, 1077 XX Amsterdam – The Netherlands
Tel. + 31 20 30 50 157

SMARTRAC is the global market leader for high quality RFID inlays for contactless identity documents such as e-Passports and e-National ID Cards. Based on a broad technology range and more than 1000 patents and patent applications, we are the RFID technology partner of choice worldwide. Our customers benefit from high security production facilities in Asia, Europe and the US; EAL5+ site certificates for production of e-ID products; compliance with international standards; highest product quality and reliability; and proven technology.

Supercom IC, CARDS, PERS, HW, SI
www.supercom.com
1 Arie Shenkar Street, Herzliya 4672501 – Israel
Tel. +972 9 889 0880 Fax +972 9 889 0814

Since 1988 SuperCom has been a global leading provider of traditional and digital identity solutions, providing advanced safety, identification, and security products and solutions to governments as well as private and public organizations around the world. SuperCom has been inspiring governments and national agencies, to design and issue secured multi-ID documents and robust digital identity solutions to its citizen and visitors, using SuperCom e-government platforms and innovative solutions.

Suprema CARDS, PERS, HW, SI
www.supremainc.com
16F Parkview Office Tower, Jeongja-dong, Gyeonggi, 463-863 – Korea
Tel. +82-31-783-4502 Fax +82-31-783-4503

Suprema is a leading global provider of biometrics technology and identity management solutions. The company’s range of products includes fingerprint modules, biometric access control systems, e-passport readers and live-scanners. Suprema’s solutions are featured by integration of the excellent embedded system design capability and the strong backgrounds in theories and algorithms backed by a number of experts having the rich experience and extensive knowledge in the field of biometric solutions, embedded system design and signal processing.

Thales CARDS, APP, SI
www.thalesgroup.com/security
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Thales is one of Europe’s leading players in the security market. Identity management systems play a major role in a country's economic and social development. They help simplify relationships between administrations and the citizens they serve, providing easier access to elections, job vacancies and social services. Thales produces identity documents and operational control systems in over 25 countries. More than 250 million secure identity documents have been generated by Thales - a long-standing supplier of identity systems, biometric systems and secure documents both in France and around the world.

UL Transaction Security CARDS, PERS, APP, HW, SI, VAR
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UL Transaction Security is the world’s number one knowledge center in secure transaction technology. UL’s Transaction Security service line is a result of the consolidation of Collis, RFI Smart and Witham Laboratories. Our international team of expert consultants and product developers work with you to ensure compliance, interoperability and security for your chip-based products and systems.
Unisys
www.unisys.com
801 Lakeview Drive, Ste 100, Blue Bell, Pennsylvania 19422 – USA
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Unisys is global biometrics, identity management and smartcard solution integrator. The company provides a holistic approach to people identity that combines technology, management, business process and operational expertise to deliver higher levels of identity assurance. It helps improve border security by establishing systems for positive identification with biometrics for visa/passport issuance, and entry/exit management in a country.

Veridos
www.veridos.com
Truderinger Str. 15, Munich 81677 – Germany
Tel. +49 3020095 5480

Veridos creates secure and pioneering identification solutions for the international market. As a joint venture of Giesecke & Devrient and Bundesdruckerei, Veridos pools the specialist expertise, the many years of experience and the innovative power of the four largest German providers for high security technologies.

Vision-Box
www.vision-box.com
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Vision-Box develops, manufactures and deploys mission critical security systems which integrate biometric technologies. The new VBePASS is the latest achievement in Vision-Box’s product portfolio, an ICAO compliant live biometric enrolment kiosk which automatically adjusts height and light intensity for ideal capture conditions of face, fingerprints and signature. VBePass systems have been deployed and installed worldwide as a front end for ePassports, national identity cards and visa programs.

Zetes
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Zetes PASS (Personal Authentication and Security Services), the people ID branch of the Zetes Group, specialises in developing and implementing complete solutions for collecting personal identity information, producing ID documents, storing and reproducing identification data. Governments, administrative units, and public institutions are the primary beneficiaries - Zetes has been entrusted with long-term projects in politically or otherwise volatile environments.