## e Passports



#### Equipment IT Systems Components Services Data Capture and/or Personalization Software / Applications Value Added Reseller Card Manufacturing Readers/ Hardware **Operating Systems** Cards / Passports Inlays / Antennas System Integrator Security Paper Prelaminates IC Chips

#### ePassport technology

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3М	www.3M.com/security					~			~		~	~	
Access IS	www.access-is.com					~		~			~		
ASK	www.ask-rfid.com				~	~					~		
Atlantic Zeiser	www.atlanticzeiser.com					V		~	V	~		~	
Austria Card	www.austriacard.at			V		~			V	V			
Bundesdruckerei/Veridos	www.veridos.com					V		V	V	V	V	V	
Cetis	www.cetis.si					V				V		~	
Cognitec Systems	www.cognitec.com									V			
Crossmatch	www.crossmatch.com									V	~	V	
Cryptovision	www.cryptovision.com			V		V				V		V	
De La Rue	www.delarue.com	~	V	~	V	~		~	V			~	~
Dermalog	www.dermalog.de								V	V	V		
Diletta	www.diletta.com					~		~	V	~	~		
Entrust Datacard	www.entrustdatacard.com			V					V	V			
Gemalto	www.gemalto.com		V	V	V	V		V	V	V	V	V	
GET Group	www.getgroup.com					V			V	V	V	V	V
HID Global	www.hidglobal.com				V	V		V	V	V	V	V	
IAI	www.iai.nl				~	V			V				
Idemia	www.idemia.com			~	~	~			~	~		~	
Industrial Innovation Group	www.industrialinnovationgroup.com	V	V	V	V	V	V	V	V	V	V	V	V
Infineon Technologies	www.infineon.com		V										
Integrale Solutions	www.integralesolutions.com	V		V	V	V		V	V	V	V	V	
Iris	www.iris.com.my		V	~	~	~		~	V	V	~	~	~
Ixla	www.ixla.it								V	V			
JDSU	www.jdsu.com	~											
Kugler-Womako	www.kugler-womako.com										V	V	
Landqart	www.landqart.com				~	~							
Linxens	www.linxens.com		V		V	V			V	V			
Lumidigm	www.lumidigm.com								V		~		
MaskTech	www.masktech.de			V					V	V			
Melzer	www.melzergmbh.com				V	~		V					
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				Comp	onents			Equip	oment	IT Sy	stems	Ser	vices
		Security Paper	IC Chips	Operating Systems	Inlays / Antennas	Cards / Passports	Prelaminates	Card Manufacturing	Data Capture and/or Personalization	Software / Applications	Readers/ Hardware	System Integrator	Value Added Reseller
Mühlbauer	www.muhlbauer.de							V	V	V	V	V	
Multipolaris	www.multipolaris.hu	V		V	V	V		V	V	V	V	V	V
Nadra	www.nadra.gov.pk	•		•		V		V	V	V	÷	V	V
Nagra ID	www.nagraid.com		V	V	V	V				-			
NBS Technologies	www.nbstech.com					V		V	V		V		
NetSeT Global Solutions	www.netsetglobal.rs					V		_	V	V	V	V	V
NXP	www.nxp.com		V	V	V				-				-
Oasys	www.oasys.uk.com					V		V	V				
On Track Innovations	www.otiglobal.com		V	V	V	V		V	V	V	V	V	V
Optaglio	www.optaglio.cz	V				V							
Orell Füssli	www.ofs.ch	V	V	V	V	V	V		V	V	V	V	V
Otto Künnecke	www.kuennecke.com								V	V	V		
PAV Card	www.pav.de	V			V	V		~	V				
ruhlamat	www.ruhlamat.com		V		V	V		V	V		V		
Secunet	www.secunet.com					~			~	V		~	
Secure Tech Consultancy	www.securetech-consultancy.com			V		V			V	V	V	V	V
Sicpa	www.sicpa.com	V							V	V		~	
Smart Packaging Solutions	www.s-p-s.com				V		V						
Speed Identity	www.speed-identity.com					~			V		~		
Supercom	www.supercom.com		V			V			V				
Suprema	www.supremainc.com					~			~		~	~	
Thales	www.thalesgroup.com					V				V		V	
UL Transaction Security	www.ul-ts.com					~			V	V	V	~	V
Unisys	www.unisys.com			V					V	V		V	
Veridos	www.veridos.com	V		V	V	~		V	V	V	V	~	
Vision-Box	www.vision-box.com		V	V		V	V		V	V	V	V	
Vlatacom	www.vlatacom.com			V		~		V	V	V	~	~	

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

EGEND

EQUIPMENT MF = Card Manufacturing PERS = Data Capture and/or Personalization

IT SYSTEMS APP = Software/Applications HW = Readers/Hardware

3M Security Systems Division www.3M.com/security	CARDS, PERS, HW, SI 1545 Carling Ave., Suite 700, Ottawa, Ontario – Canada	Tel. +1 613 720 2070	Fax +1 613 720 2063
	3M Security Systems, Identification & Authentication security companies. Industry experience. Global reach. Ingenious technolo of security solutions. Serving customers in over 200 nations, you benefit from the strength of an experienced, reliable, global o Issuance Systems, 3M <sup>TM</sup> Border Management Systems and 3M <sup>TM</sup>	logies. Integrity. Credentials that hav u not only get the personal attentio organization. 3M™ ePassport Read	ve made 3M a leading provid n of a local company, but als ers, 3M™ Identity Docume
Access IS vvw.access-is.com	<b>CARDS, MF, HW</b> 18 Suttons Business Park, Reading, Berkshire, RG6 1AZ – UK	Tel. +44 7748 770 632	Fax +44 118 926 7281
	Access IS designs and manufactures innovative e-Passports, applications. From the world's smallest OEM OCR reader to ou range of scanners to answer all your needs (i.e.: Border control Check-in, Banking and Retail, Gaming, KYC, etc.). All our product years of heavy duty frontline use.	ır compact desktop Full-Page passı I & Immigration, ID Document Issua	port reader, we have a broa ance, Law Enforcement, Hot
<b>ISK</b> /ww.ask-rfid.com nfo@ask.fr	INL, CARDS, HW 2260 route des Crêtes, BP337, 06906 Sophia-Antipolis – France	Tel. +33 4 97 21 40 00	Fax +33 4 92 38 93 21
	ASK, with over 200 million contactless products in circulation in a worldwide provider of a full range of contactless devices inclu and inlays for electronic passports, eID documents and contactle for ePassports, and CoreLam, for eID inlays. ASK has been sel several governmental bodies.	uding smart cards, smart tickets, si less smart cards. The ASK e-Identity	mart adhesive labels, reade range includes SPiD eCove
Atlantic Zeiser	CARDS, MF, PERS, APP, SI		
www.atlanticzeiser.com horsten.tritschler@atlanticzeiser.com	Bogenstraße 6-8, 78576 Emmingen – Germany	Tel. +49 7465 291-0	Fax +49 7465 291 166
	Atlantic Zeiser is a world-leader in industrial high-security identifi solutions to governments and industries such as security printing card, telecom, pharmaceutical, banking, packaging, labels and co and digital & security printing solutions by printing sensible varia ensuring full data and process integrity. AZ supports its custom offices in some 50 countries.	g (passport and banknote production osmetics. The company specializes in able data onto various products to ci	), commercial printing, plast card personalization system reate product identity — whil
Austria Card	CARDS, OS, PERS, APP		
www.austriacard.at isales@austriacard.at	Lamezanstrasse 4-8, 1230 Vienna – Austria	Tel. +43 1 610 65-0	
	Austria Card is a market leading and internationally operating government and industrial applications. High standards, quality of the company. Austria Card provides government authorities with police identification, and passport data pages. The compliance customers' demand for high levels of security: periodical audits of	of life, innovation, and personal atte national identity cards, driving licen with international standards shows	ntion are the driving values uses, digital tachograph card that Austria Card meets th

innovation process ensure that latest standards are met.

CARDS, MF, PERS, APP, HW, SI Oranienstraße 91, 10969 – Berlin	Tel. +49 30 2589984-0	Fax + 49 30 2589984 39
Governments, organizations, businesses, and regional au	uthorities worldwide trust Veridos' uniq	quely comprehensive product
CARDS, APP, SI Copova 24, 3000 Celje – Slovenia	Tel. +386 3 4278 500	Fax +386 3 4278 817
the questions of HOW TO provide cutting edge identification demands of customers. System integration accompanied by solution for e-passport with polycarbonate data page and	on documents and identity management y security printed matter is Cetis's turnk have a nationally awarded innovation —	solutions taking into account ey service. We have patented Nanotech intaglio lamination
APP Grossenhainer Str. 101, D-01127 Dresden – Germany	Tel. +49 351 862 920	Fax +49 351 862 9210
the world. Various independent evaluation tests have prov portfolio includes products for facial database search, vi	en the premier performance of the Face ideo screening and analytics, border co	eVACS® software. Cognitec's ontrol, ICAO compliant photo
<b>APP, HW, SI</b> 3950 RCA Boulevard, Suite 5001, Palm Beach Gardens FL	. 33410 – USA Tel. +1 561 622 1650	Fax +1 561 622 9938
technologies. We empower governments, law enforceme drive productivity and improve service levels. Our solut the application of advanced biometrics technologies. Cro and we develop solutions that anticipate customer requ	ent agencies, banks, retailers and other tions are built on consultative expertise pssmatch understands the forces of char irements. Our network of consultative a	enterprises to mitigate risk, , refined best practices and nge in the markets we serve
	Oranienstraße 91, 10969 – Berlin   A company formed between Bundesdruckerei and G&D, W   Governments, organizations, businesses, and regional au   portfolio. We support our customers with secure and reli   technology.   CARDS, APP, SI   Copova 24, 3000 Celje – Slovenia   With its smart ID management solutions Cetis offers con   the questions of HOW TO provide cutting edge identification   demands of customers. System integration accompanied by   solution for e-passport with polycarbonate data page and   plates. Highest security standards are self-evident: ICAO/   & CQM.   APP   Grossenhainer Str. 101, D-01127 Dresden – Germany   Cognitec develops market-leading face recognition technolo   the world. Various independent evaluation tests have prov   portfolio includes products for facial database search, w   capturing and facial image quality assessment. Corporate I   FL; Rockland, MA; and Sydney, Australia.   APP, HW, SI   3950 RCA Boulevard, Suite 5001, Palm Beach Gardens FL   Crossmatch, an HID company, helps organizations solve I   technologies. We empower governments, law enforcement   drive productivity and improve service levels. Our solut   the application of advanced biometrics technologie	Oranienstraße 91, 10969 – Berlin Tel. + 49 30 2589984-0   A company formed between Bundesdruckerei and G&D, Veridos is the world's leading provider of Governments, organizations, businesses, and regional authorities worldwide trust Veridos' unit portfolio. We support our customers with secure and reliable end-to-end identity solutions, expertectionology.   CARDS, APP, SI Tel. + 386 3 4278 500   With its smart ID management solutions Cetis offers competent partnership to governments and the questions of HOW TO provide cutting edge identification documents and identity management solution for e-passport with polycarbonate data page and have a nationally awarded innovation plates. Highest security standards are self-evident: ICAO/ISO, CWA 14641, FSCC (Facility Securit & CQM.   APP Tel. + 49 351 862 920   Cognitec develops market-leading face recognition technology and applications for enterprise and gue world. Various independent evaluation tests have proven the premier performance of the Face portfolio includes products for facial database search, video screening and analytics, border co capturing and facial image quality assessment. Corporate headquarters are located in Dresden, Gen Fi; Rockland, MA; and Sydney, Australia.



EGEND.

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EQUIPMENT MF = Card Manufacturing PERS = Data Capture and/or Personalization

IT SYSTEMS APP = Software/Applications HW = Readers/Hardware

Cryptovision www.cryptovision.com info@cryptovision.com

#### CARDS, OS, APP, SI

Munscheidstr. 14, 45886 Gelsenkirchen - Germany

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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

#### SP, IC, OS, INL, CARDS, MF, PERS, SI, VAR

De La Rue House, Jays Close Viables, Basingstoke, Hants RG22 4BS – UK Tel. +44 1256 605000

Fax +44 1256 605299

De La Rue's intelligent Government solutions, now part of HID, 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



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Fax +49 40 41322741

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 CARDS, MF, PERS, APP, HW Industriestrasse 25-27, D-64569 Nauheim – Germany

Tel. +49 6152 18040

Fax +49 6152 180422

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 info@gemalto.com IC, OS, INL, CARDS, MF, PERS, APP, HW, SI 6, rue de la Verrerie 92190 Meudon – France

Tel. +33 1 55 01 50 00

Gemalto, part of Thales, 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 www.entrustdatacard.com MF, PERS, APP 1187 Park Pl, Shakopee, MN 55379 – USA

Tel. +1 952 933 1223

Entrust Datacard offers 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 physical and digital credentials. The company 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.

HID Global www.hidglobal.com INL, CARDS, MF, PERS, APP, HW, SI 15370 Barranca Pkwy, Irvine, CA 92618 – USA

Tel. +1 949 732 2000

Fax +1 949 732 2120



HID Global is the trusted leader in products, services and solutions related to the creation, management, and use of secure identities for millions of customers worldwide. Recognized for robust quality and innovation, HID Global is the supplier of choice for OEMs, integrators, and developers serving a variety of markets that include physical access control; IT security, including strong authentication/credential management; card personalization; visitor management; government ID; and identification technologies for technologies for a range of applications.

IAI industrial systems www.iai.nl info@iai.nl

#### PERS

De Run 5406, 5504 DE Veldhoven – The Netherlands

Tel. +31 40 254 24 45

Fax +31 40 254 56 35

IAI designs, builds and supplies passport personalization equipment. Functionalities include chip encoding, laser engraving, inkjet printing and lamination, perforation of the passport number through the visa pages, perforation of the holder's photograph (ImagePerf) and the application of a label on the back cover. IAI offers high volume passport systems for centralised personalization (BookMaster One) and low volume systems for decentralised personalization (BookMaster Desk). The BookMaster One has recently been redesigned to offer a more flexible choice in configuration and speed.

Idemia www.idemia.com info@idemia.com

#### OS, INL, CARDS, PERS, APP, SI

Boulevard Lénine, BP 428 76805 Saint-Etienne-du-Rouvray - France

Tel. + 33 2 35 64 53 46

Idemia is a leader in trusted identities for an increasingly digital world placing the client, consumer or citizen at the heart of everything it does, combining security, convenience, the human factor and continuity within a single proposition. The company places augmented identity at the center of its actions and conceives security in a global way, upstream of technological developments, by factoring in the customer's environment and how they specically use technology.



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PP = Software/Applications W = Readers/Hardware

IC Am Campeon 1-12, 85579 Neubiberg – Germany Tel. +49 800 951 951951
Infineon Technologies AG offers the industry's most comprehensive product portfolio of semiconductor-based security product for a wide range of chip card and security applications including electronic ID documents, mobile payment and system securit With more than 25 years experience in security ICs and core competences in the fields of security, contactless communication a well as integrated microcontroller solutions (embedded control), Infineon is helping to augment data security in an increasingl connected world.
IC, OS, INL, CARDS, PL, MF, PERS, APP, HW, SI, VAR Taryam bld., Industrial Area 18, Maleha Street, Sharjah PO Box 123428 – UAE Tel. +971 65 57 07 2
IIG offers advanced authentication and security technology platform offerings including IDs, cards and secure documents. Othe solutions range from on-package authentication measures to a new generation system to help governments to track supply chain Products and technologies include RFID, holograms, biometrics, security printing, software, taggants and track & trace solutions for the government and public sector, as well as manufacturing and retail.
IC, OS, INL, CARDS, MF, PERS, APP, HW, SI, VAR 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.
PERS, APP
Via Ponte Chiusella 28, 10090 Romano C.se (Torino) – Italy   Tel. + 39 0125 719286   Fax + 39 0125 718455
IXLA has been the first vendor to release a real desktop laser system for e-Passports, compact and effective. The product range has grown, adding the new XJ laser and inkjet to the laser-only field proven XP's, all with automatic feeder Thanks to the uncompromised dedication to product quality, constant innovation and competence, IXLA is still the leading brand in desktop solutions for laser personalization of passports and cards, reaching soon the mark of 3,000 delivered units.
SP   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 solution. 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

Linxens www.linxens.com

#### MF, IC, INL, PERS, APP

6 Rue Marius Aufan, 92300 Levallois Perret – France

Tel. +33 1 41343450

Fax +331 47576492

Linxens is a world-class provider of component-based solutions for the security & identity market. We design and manufacture Microconnectors and RFID Antennas and Inlays. With 8 production facilities in Asia, Europe and North America, 4 R&D Centers, and over 3000 employees, Linxens makes its large-scale production capacity available to its customers, and delivers guaranteed product and technical reliability. Linxens technology gives users the best connection possible. Linxens crafting the future of connections.

#### MaskTech www.masktech.de

#### **OS, PERS, APP**

Masktech GmbH, Nordostpark 16, 90411 Nuernberg - Germany

Tel. +49 9119 551490

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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 countries' travel, ID documents and authentication solutions.

Melzer Maschinenbau www.melzergmbh.com sales@melzergmbh.com



MF, INL, CARDS Ruhrstr. 51-55, Schwelm, 58332 – Germany

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Melzer is internationally well-known as the leading production equipment supplier for trendsetting ID documents, Smart Cards, DIF Cards, RFID Inlays and e-Covers for Passports. Customized solutions in combination with the unique modular inline production processes ensure highest productivity, flexibility and security at a maximum yield and lowest per unit costs. Numerous governmental institutions rely on reliable solutions created by Melzer. The Melzer product portfolio also includes advanced RFID converting equipment for the production of smart labels/tickets and luggage tags.

Mühlbauer www.muehlbauer.de info@muehlbauer.de

#### MF, PERS, APP, HW, SI Josef-Mühlbauer-Platz 1, 93426 Roding – Germany

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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.

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Nadra www.nadra.gov.pk abdul.baqi@nadra.gov.pk	<b>CARDS, MF, PERS, APP, SI, VAR</b> Shahrah-i-Jamhuriat, G-5/2, Islamabad 4400 – Pakistan	Tel. +92 90392597	Fax +92 9108143
	NADRA is one of the leading organizations in providing cutting edg NADRA has one of the largest centralized databases of the world and and cultural factors in mind to provide customized solutions for any issuance of Citizen Registration Cards, Chip based Smart ID Cards, Vehicle Registration System, e-Toll Collection System, Online Verific Control System and e-Commerce platform.	offers ID solutions and services w country. The multiple product & se Travel Documents, Biometric base	hich keep secure national, social rvice based applications include d Border Control System, Motor
Nagra ID	IC, OS, INL, CARDS		
www.nagraid.com	Crêt-du-Locle 10, 2301 La Chaux-de-Fonds – Switzerland	Tel. +41 32 924 04 04	
	NagraID (Switzerland), expert advisor and technology provider for like secure smartcards, Display Cards, inlays, prelaminates, e-C added services and transfer technologies for citizens ID's, corpo advanced technologies and product families are the results of 35 crowned by Swiss high precision, quality methodologies and herita environment according to EMV and CCEAL5+. Established in 1970	overs with gold printing and sec orate ID's, financial and e-Consu 5 years of experience in micro-el age. NagraID's products are Cert	urity features, etc with value- mers ID's markets. NagraID's ectronic product development, ified ISO 9001:2008 & Security
NPS Tochnologies			
NBS Technologies www.nbstech.com info@nbstech.com	CARDS, MF, PERS, HW 703 Evans Avenue, Suite 402, Toronto M9C 5E9 – Canada	Tel. +1 416 621 1911	Fax +1 416 621 8875
	NBS Technologies has remained a leading developer and provider o smart card manufacturing and semiconductor handling equipment. Go access control issues – National Security has never been more impor systems to governments that meet the needs of virtually any specif remote/distributed/branch issuance or via a centralized card produc	wernments are clearly the most se rtant. At NBS, we can deliver card p ic application. In either an instant	nsitive and aware of security and personalization and card printing , on-the-spot issuance scenario,
NetSeT Global Solutions www.netsetglobal.rs office@netsetglobal.rs	CARDS, PERS, APP, HW, SI, VAR Osogovska 10, 11030 Belgrade – Serbia	Tel. +381 11 3058612	Fax +381 11 2547492
	NetSeT Global Solutions is a trusted solution provider and system in VL and ICAO ePassport. With more than 15 years of experience a ePass company in SEE region. Flagship products and services: Cen Management, Smart Logistics, Secure National Registers, eGovernm Authentication and Encryption, Border Control, Entry/Exit Managemen	and 12 national projects worldwi tral Identity Management System ent PKI, EAC PKI, eID and PKI App	de, NetSeT is the leading eID/ , CAMS, Enrolment, Perso Data
NXP www.nxp.com	<b>IC, OS, INL</b> Mikron-Weg 1, A-8101 Gratkorn – Austria	Tel. +43 3124 2990	Fax +43 3124 299330
	With 2 billion chips sold to date, NXP Semiconductors is the worl used in smart cards, smart labels and tags as well as in automoti been awarded over 80% of all ePassport projects globally, includi supplying its technology for major national ID, health card and dr	ve systems and the correspondin ng the US, France, Germany and	g reader components. NXP has

**Oasys Technologies** CARDS, MF, PERS 3 Stratton Bus. Park, Montgomery Way, Biggleswade, UK, SG18 8UB Tel. +44 (0)1767 600232 www.oasys.uk.com sales@oasys.uk.com 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. **On Track Innovations** IC, OS, INL, CARDS, MF, PERS, APP, HW, SI, VAR www.otiglobal.com ZHR Industrial Zone, P.O. Box 32, 12000 Rosh Pina - Israel Tel. +972 4 686 8000 Fax +972 4 693 8887 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 SP, CARDS www.optaglio.cz Rež 199, 250 68 Husinec-Rež - Czech Republic Tel. +420 220 941 075 Fax +420 220 941 077 jan.bitman@optaglio.cz 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<sup>™</sup> 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. **Orell Füssli Security Printing** SP, IC, OS, INL, CARDS, PL, PERS, APP, HW, SI, VAR www.ofs.ch Dietzingerstrasse 3, CH-8036 Zürich – Switzerland Tel. +41 44 466 77 11 Fax +41 44 466 79 01 info@ofs.ch 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.



=Security Paper = Operating Systems =Inlays/Antennas =Cards/Passports = Prelaminates

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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 personalization, module preparation as well as RFID Inlay production and special machinery. ruhlamat branches and representations throughout the world create an ideal basis for a professional and area-spanning service network.

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Securet Security Networks offers solutions and know-how for the complete life cycle of electronic passports, identity documents, residence permits, and visas. securet 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

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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.

### SPS

### INL, PL

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EGEND PSESS5803

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Speed Identity www.speed-identity.com info@speed-identity.com CARDS, PERS, APP, HW, SI

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Speed Identity is a leading global provider of high performance biometric enrollment and data capture solutions. The company pioneered live biometric enrollment in the early 2000. To date we have successfully delivered thousands of systems to more than 120 countries worldwide. Our customers include government departments and agencies such as ministries of foreign affairs, ministries of interior, law enforcement agencies, tax agencies, road authorities and immigration agencies. a leading global provider of high performance biometric enrollment and data capture solutions.

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SuperCom is 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.

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Thales www.thalesgroup.com/security

#### CARDS, APP, SI

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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.

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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.

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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.

Vlatacom Institute www.vlatacom.com info@vlatacom.com



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Vlatacom Institute provides end-to-end solutions for issuing of highly secure biometrics:e-ID cards, e-Passports, e-Driving Licenses, Officer-ID cards, etc. With more than 20 years of experience in encryption, software engineering, electronics, telecommunications, system design, system integration and maintenance, Vlatacom delivers its solutions for e-Governance and border management to Governments worldwide. High-end security, improved performance and rapid facilitation of citizens/passengers are achieved using encryption and multimodal biometrics that enable the strong authentication of officers, citizens and documents in the system.

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#### SUSTAINABLE DEVELOPMENT

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Sustainable Development is proud to present the world's leading reference on auto ID technology solutions and component suppliers, bringing together a comprehensive review of players in the fields of Cards, Biometrics, RFID and Big Data. Drill deeper into essential information about who supplies which products in relation to the key auto ID technologies, which role each company plays in the value chain, as well as product specifications and categories. ID WORLD connects our industry. Key players provide us with their direct input and the Buyer's Guide is sent out to the qualified mailing lists of end users who receive the ID Community publications.

#### Vertical directories published throughout the year











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Systems, components and total solution providers in the production and deployment of projects in physical and logical access control. Reach key decision makers at end-user level as well as system integrators in safety and the wider security systems industry.

#### Top Suppliers - ePassport Technologies

Players involved in the production and deployment of ePassport and eID projects. Reach key decision makers at government level and potential industry partners interested in the digital wave of personal ID.

#### Top Suppliers - Anti-counterfeiting and Product Security Technologies

Component and solution providers in the field of anti-counterfeiting and product security technologies active in the fields of advanced solutions for instantly validating product authenticity.

#### Top Suppliers - Mobile Authentication Technologies

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