

ID WORLD

THE PLAYERS OF THE AUTO ID INDUSTRY

CARDS

2019 BUYER'S GUIDE

Hadrian Media



Target/Product

Tax stamps
Ids, cards &
secure documents

Technology

RFID
Holograms
Biometrics
Security printing
Software
Taggants
Track&Trace

Sector

Government & Public Sector
Manufacturing & Retail

- Creation of sovereign security printing industry
- Electronic Passport
- Electronic ID-Card
- Electronic Driving License
- Electronic Vehicle Registration Card
- Electronic Firearms License
- Armed Forces Identity Card
- Animal Traceability System
- Migrant Worker ID-Card
- Document Screening System
- Electronic Social Security Card
- Tax Stamps, Track&Trace System
- Personalization equipment
- Control Stamps for IP Protection
- Creation of Personalization Centers
- Civil Registration Systems
- National Registration Systems
- Multi-Component Security Printing
- VISA/ MasterCard/ UnionPay cards
- Combined eID and eTicketing cards
- Liger CPA chip platform
- Jewelry Passports
- MegaFlex – RFID capable hologram
- Electricity Consumption System
- Water Consumption System
- Electronic Vehicle Identification

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INDUSTRIAL
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NSI
National Security
Institution

VTI
Voting Technology
Institution

POLLY
POLYMER
LITHOGRAPHY

7-L
HOLOGRAPHY

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DESIGN

An identification portfolio covering a complete range of ICs for smart cards, tags, labels and readers

NXP's offering ranges from low-cost smart label ICs for high-volume supply chain management applications through to their next generation 32-bit smart-computing platform for powerful multi-application smart cards. The identification portfolio covers a complete range of ICs for smart cards, tags, labels and readers, featuring many coprocessor, security, memory and interface options.

NXP also offer a comprehensive range of contact and contactless reader ICs for various identifica-



tion applications. NXP RFID technology is utilized in a wide range of applications, including animal identification, public transport, logistics and supply chain management – all supported by their product families Hitag, Mifare, ICode and UCode – covering all RFID frequencies. Its numerous possibilities, plus the fact that there are over 2 billion NXP RFID-based cards, tickets, tags and labels issued and over 7.5 million contactless readers installed worldwide, make it suitable for use in an incredibly wide array of design scenarios.

NXP creates semiconductors, system solutions and software that deliver better sensory experiences in mobile phones, personal media players, TVs, set-top boxes, identification applications, cars and a wide range of other electronic devices. Investment in research and development at NXP is high with some 7,500 engineers working at 26 R&D centers located in 14 countries, they hold over 25,000 patents.



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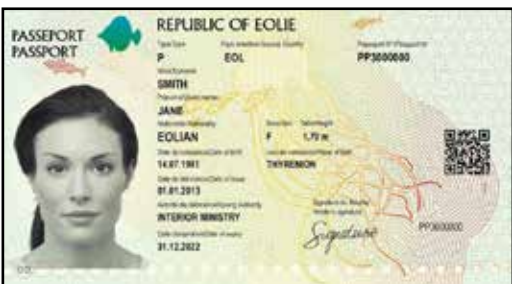
Providing secure and high added value components for card and document manufacturers

SPS has delivered several million epassport inlays and e covers based on its unique ebooster technology to Asian, African, and European countries. The Teslin based inlay uses an inductive coupling technology, where there is no physical connection between the antenna and the chip's module enhancing the durability of the passport. SPS' technology is designed to accept all chip and OS suppliers on the market, offering a highly reliable and cost effective solution to passport manufacturers. SPS offers unique security features which gives the final passport a unique

added value. SPS also proposes a complete offer for Polycarbonate data pages from finished datapage to hinge inlay and electronic components.

The company is specialized in the design, manufacture and sale of contactless solutions based on inductive coupling technology and dedicated to ID cards, e-passport and dual interface banking cards. Headquartered in Rousset, France, with a subsidiary in Singapore, SPS employs 150 people. Part of IN Groupe, one of the global leaders in secure identity solutions, 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.



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www.s-p-s.com
contact@s-p-s.com

ABnote www.abnote.com	MF -C, RFID, NFC -C (MG, CM, SM, CL, FP), M (SL), TAG (RF<HF>) 2200 Fletcher Avenue, 07024 Fort Lee, NJ, Usa	Tel. 1/201/592/3400	Fax 1/201/224/2762
Access IS Limited www.access-is.com	MF -C, RFID - R (OCR, RF, CL, BC), DC - R (OCR, RF, CL, BC), BC - R (RF, CL, POS) 18 Suttons Business Park, Reading, Berkshire, RG6 1AZ, United Kingdom	Tel. 44/7748/770 632	Fax 44/118/926/7281
ActivIdentity (HID) www.actividentity.com	MF, SH -C -C (SM), R(HH), T (HH), SW 6623 Dumbarton Circle, 94555 Fremont, CA, Usa	Tel. 1/510/5740100	Fax 1/510/5740101
AEG Identifikationssysteme GmbH www.aegid.de	MF, SI -C, RFID -C (MG, CM, SM, CL, OPT), M (L, SL, TTR, I) TAG (RF<LF, HF, UHF>), IC, A, P (POS) R (HH, FX, RF, I), RF, EP, GP Hörvelsinger Weg 47, 89081 Ulm, Germany	Tel. 49/7/3114/00880	Fax 49/7/3114/0088/9000
Alp Vision www.alpvision.com	SH, SI - C, DC - SW, M (MK, VF) Rue du clos 12, 1800 Vevey, Switzerland	Tel. 41/21 948/6464	
Arjo Systems www.arjo-systems.com	SH, SI - B, C -C(CL,CM,SM), DC, EP, GP, H, NFC, R, RFID, T(VT) 32 rue Jacques Ibert, 92300, Levallois-Perret, France	Tel. +33 (0)181938850	
ARM Ltd www.arm.com	MF -C -IC 110 Fulbourn Road, CB1-9 NJ Cambridge, UK	Tel. 44/1223/400400	Fax 44/1223/400410
ASK www.ask-rfid.com	MF -C, RFID -C (CL), M (SL), TAG (RF<HF, UHF>), P (HH), R (HH) 2260 route des Crêtes, BP337, 06906 Sophia-Antipolis, France	Tel. 33/4/97214000	Fax 33/4/92389321
Atlantic Zeiser www.atlanticzeiser.com	MF, SI, SH -C, RFID -M (L, SL), C (MG, CM, SM, CL, FP), TAG (MK, RF<HF,UHF>), P (I), R (RF), SW, EP, GP, MC, MV Bogenstraße 6-8, 78576 Emmingen, Germany	Tel. 49/7465/2910	Fax 49/7465/291166
Atmel www.atmel.com	MF -RFID -IC (CL, RF<LF, HF, UHF, MW>) 2325 Orchard Parkway, 95131 San Jose, CA, Usa	Tel. 1/408/4410311	Fax 1/408/4364200
Atos Worldline www.atosworldline.be	MF -C -T(POS, HH) 1442 Chaussée de Haecht, 1130 Bruxelles, Belgium	Tel. 32/2/727/6111	Fax 32/2/727/6767
Austria Card www.austriacard.at	MF, SH -C -C (MG, CM, SM, CL), M (L, H), A, SW, EP, GP Lamezanstrasse 4-8 , 1230 Vienna , Austria	Tel. 43/1/610650	Fax 43/1/61065701
Axcess International, Inc www.axcessinc.com	MF, SI -RFID, C -TAG (RF), R, SW 3208 Commander Drive, 75006 Carrollton, TX, Usa	Tel. 1/972/4076080	Fax 1/972/4079085
Bell ID BV www.bellid.com	SH -C -SW Stationsplein 45 - Unit A6.002, 3013 AKRotterdam, The Netherlands	Tel. 31/10/885/1010	Fax 31/10/885/1011
BioLink Solutions www.biolinksolutions.com	MF, SI -B, C -C (FP), S, SW PO Box 404, _/__ IPS, 511 Avenue of the Americas, PMB 572, 10011 New York, NY, Usa	Tel. 44/808/189/1360	
BGI www.bginge.com	MF-C, RFID-C (CM, CP, MG) ZAC de la Goulgatiere, 4 rue Paul Langevin, 35220 Chateaubourg, France	Tel. 33/2/99008997	Fax 33/2/99008998
Blumer Maschinenbau AG www.blumerag.com	MF -C -MC Libernstrasse 22, 8112 Otelfingen, Switzerland	Tel. 41/1/8476565	Fax 41/1/8476566

Böwe Cardtec GmbH www.boewe-cardtec.com	MF -C -MC, SW Balhorne Feld 28 , 33106 Paderborn, Germany	Tel. 49/5251/180860	Fax 49/5251/180869
Bundesdruckerei GmbH www.bundesdruckerei.de	MF, SI, D, SH -C, B -C (SM, CL, FP), P, R (HH, FX), T (FP, FP, FF, VF), SW, EP, GP Oranienstrasse 91, 10969 Berlin, Germany	Tel. 49/30/25980	Fax 49/30/25982205
CardLogix Corp. www.cardlogix.com	MF, SH -C -C (MG, CM, S, CL), P (I), T (POS), SW 16 Hughes, Suite 100, 92618 Irvine, CA, U.S.A.	Tel. 1/949/380/1312	Fax 1/949/380/1428
CodeCiphers www.codeciphers.com	MF, SH -B, C -C (CL) B, IC Rua Bogaert 107 Villa Verneha, 04298-020 Sao Paulo, Brazil	Tel. 55/11/2175/1106	Fax 55/11/2175/1171
Cogent Systems, 3M www.cogentsystems.com	MF -B, C, RFID, BC -C (MG, CM, SM, CL, OPT, FP), TAG (RF <HF>) R (HH, FX), S (FX POS, I) T (HH, FX, RF, I, BC, FP, IF, FF), SW, EP 639 N. Rosemead Blvd., 91107 Pasadena, CA, Usa	Tel. 1/626/325/9600	Fax 1/626/325/9700
Comercial Arqué www.arque.com	VAR -C, RFID, BC -C (MG, CL), TAG (RF<HF, UHF>), A, P (I, TTR) Carretera del Mig. No 54, L'Hospitalet de Llobregat, 8907 Barcelona, Spain	Tel. 34/932635100	Fax 34/933372690
Confidex Ltd. www.confidex.com	MF -RFID, NFC -TAG (RF<HF, UHF>, I), M (SL), C (CL) Haarlankatu 1B, 33230 Tampere, Finland	Tel. 358/10/4244 100	Fax 358/10/4244 110
Cryptomathic Ltd www.cryptomathic.com	SH, SI -C -SW 327 Cambridge Science Park, Milton Road, CB4 0WG Cambridge, UK	Tel. 44/1223/225350	Fax 44/1223/225351
Dartagnan BV www.dartagnan.eu	SI, SH -C, B, RFID -C (SM, CL), R (RF), T (RF, FP, IF, FF, VF), SW Triport 3, Westelijke Randweg 51, 1118 CRLuchthaven Schiphol, The Netherlands	Tel. 31/20/405/4149	Fax 31/20/405/4171
Databac Group www.databac.com	MF, SH, SI, VAR, D -C, RFID, B -C (MG, CM, SM, CL, OPT, FP), M (L, SL, TTR, H, I), TAG (RF<HF>), P (TTR), R (HH, FX, RF), S (HH, POS), T (HH, RF, BC, FP, IF, VF), VR, SW, EP, GP Number One, The Ashway Centre, Elm Crescent, KT2 6HH Kingston, Surrey, UK	Tel. 44/208/546/9826	Fax 44/208/547126
Datastrip Ltd www.datastrip.com	MF -B, BC -R (HH), T (FP) 7 Thame Park Business Centre, Wenman Road, OX9 3XA Thame, Oxfordshire, UK	Tel. 44/1844/215668	Fax 44/1844/215669
De La Rue Identity Systems www.delarue.com	MF, SI -C -C (CM, CL, SM, FP), SW De La Rue House, Jays Close, RG22 4BS Basingstoke, UK	Tel. 44/1256/605000	Fax 44/1256/605004
Deister Electronic www.deister.com	MF -C, RFID -C (CL), TAG (RF<LF, HF, UHF>), R (HH, FX, RF, I), T (RF) Hermann-Bahlsen-Str. 11, 30890 Barsinghausen, Germany	Tel. 49/5105/516111	Fax 49/5105/516217

LEGENDA

ROLE IN THE VALUE CHAIN

D = Distributor
MF = Manufacturer
SH = Software House
SI = System Integrator
VAR = Value Added Reseller

TECHNOLOGIES

B = Biometrics
BC = Barcode
C = Cards
DC = Data Collection
NFC = Near Field Comm.
RFID = Radio Frequency Identification Device
RTLS = Real Time Loc. System

PRODUCT CATEGORIES

A = Antenna
C = Cards
EP = Electronic Personalization
GP = Graphic Personalization
IC = Integrated Circuits
M = Media
MC = Machinery
MV = Machine Vision
P = Printers
R = Readers
S = Scanners
SW = Software
T = Terminals
TAG = Tags
VR = Voice Recognition

PRODUCT SPECIFICATIONS

BT = Batch
BC = Barcode
CL = Contactless
CM = Contact Memory
CMA = Card Materials
CP = Compact
DNA = DNA
EAS = Electronic Art. Surveillance
FF = Facial Feature
FP = Fingerprint
FX = Fixed
H = Holograms
HF = High Frequency
HG = Hand Geometry
HH = Handheld
I = Industrial

IF = Iris Feature
L = Labels
LF = Low Frequency
MG = Magnetic
MK = Marking
MW = Microwave
OCR = Optical Char. Recognition
OPT = Optical
POS = Point of Sale
RF = Radio Frequency
SL = Smart Labels
SM = Smart
TTR = Thermal Transfer Ribbon
UHF = Ultra High Frequency
VF = Verifier
VT = Vehicle Terminal

Dermalog Identification System GmbH www.dermalog.com	MF,SH,SI,VAR,D-B,C,RFID,BC-C(CM,SM,CL,OPT,FP),TAG(RF<HF>),A,R(HH,FX,RF,I),S(HH,FX,POS,I),T(HH,RF,BC,FP),SW Mittelweg 120, 20148 Hamburg, Germany	Tel. 49/40/4132270	Fax 49/40/41322789
Digital Identification Solutions AG www.digital-identification.com	MF, SH, SI -C, B -C (CM, CL, SM, MG, OPT, FP), M (TTR, H, I), P (CP, I, TTR), EP, GP, SW, MC Teckstrasse 52, 73734 Esslingen, Germany	Tel. 49/711/3416890	Fax 49/711/341689550
Diletta Maschinenteknik GmbH www.diletta.com	MF -C, RFID -C (CL), P (I), GP, EP, MC Industriestrasse 25-27, 64569 Nauheim, Germany	Tel. +49/6152/1804 - 0	Fax +49/6152/1804 - 22
	For more than five decades DILETTA has been engaged in producing 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.		
Elatec GmbH www.elatec-rfid.com	MF -C, RFID -C (CM, SM, CL), M (L, SL, I), TAG (RF<LF, HF, UHF, MW>), R (HH, FX, RF, I), SW Max-Planck-Str. 16, 82223 Eichenau, Germany	Tel. 49/8141/534980	Fax 49/8141/5349829
Elsag Datamat www.elsagdatamat.com	MF,SH,SI -C,B,RFID,DC -C (CM,SM,CL),TAG (RF<HF,UHF>),P (I),R (HH,FX,RF,I),S (POS,I,OCR),T (FP,FF),SW,GP,EP Via Puccini, 2, 16154 Genova, Italy	Tel. 39/010/6582215	Fax 39/010/6512329
Elyctis www.elyctis.fr	MF, SH - C, RFID - R (RF, HH, FX, CL, OCR), SW 240 rue François Gernelle, 84120 Pertuis – France	Tel. +33 6 27 71 37 68	
EMJ Data Systems Ltd www.emj.ca	D-BC,DC,C,RFID,B-C(MG,CM,SM,FP),M(L,TTR,H),A,P(CP,I,TTR),R(HH,FX,I),S(HH,FX,POS,I),T(HH,FX,RF,I,BT,BC,FP,VT) 7067 Wellington Road. 124, RR6, N1H 6J3 Guelph, ON, Canada	Tel. 1/800/265/7212	Fax 1/877/801/6300
Entrust Datacard www.entrustdatacard.com	MF -C, B -C (CM, SM, CL, FP), EP 1187 Park Place, Shakopee, MN 55379, USA	Tel. 1/952/933 1223	Fax 44/1489/555601
Evolis www.evolis.com	MF -C, RFID -C (MG, CM, SM, CL), M (TTR, H), TAG (RF <LF, HF, UHF, MW>), P (CP, I, TTR, POS), T (POS), SW, EP, GP 14 avenue de la Fontaine , 49070 Beaucouze, France	Tel. 33/2/41367606	Fax 33/2/41367612
Exceet Group www.exceet.ch	MF -C, RFID -C (CM, CL, SM), R (HH), TAG (RF <LF, HF, UHF, MW>) Marktplatz 4, CH-9004 St. Gallen, Switzerland	Tel. 41/4179848/56	
Fargo Electronics Inc www.fargo.com	MF -C -P (CP, I, TTR), C (MG, CM, SM, CL) 6533, Flying Cloud Drive, 55344 Eden Prairie, MN, USA	Tel. 1/952/9419470	Fax 1/952/9417836
Fastcards www.fastcards.com.au	MF, SH -C, BC, RFID, B -C (MG, CM, SM, CL) PO Box 3888, 4101 South Brisbane, Qld, Australia	Tel. 61/7/38444623	Fax 61/7/38464591
Feig Electronic GmbH www.feig.de	MF -RFID, NFC -R (HH, FX, RF, I) Lange Strasse 4, 35781 Weilburg, Germany	Tel. 49/6471/31090	Fax 49/6471/310999
Fingerprint Cards AB www.fingerprints.com	MF -B -IC, T (FP), C (FP), SW P O Box 2412 (Kungsporsplatsen 2), 403 16 Gothenburg, Sweden	Tel. 46/31/607820	Fax 46/31/137385
FobaLaserMarking + Engraving(Alltech) www.fobalaser.com	MF -C, DC -MC, TAG (MK), MV An der Trave 27-31, 23923 Selmsdorf, Germany	Tel. 49/38823/550	Fax 49/38823/55222

Fortress GB Limited www.fortressgb.com	SI -RFID, C -C (SM, CL, FP),TAG (RF<HF>),T (HH, FX, RF, HG, POS), SW South Block, Tavinstock Square, Tavinstock House, WC1H 9LG London, UK	Tel. 44/20/7874/7595	Fax 44/7874/7599
Gemalto www.gemalto.com/govt	MF -C -C (CM, SM, CL), EP, GP,T (HH, POS), R (FX, HH), SW 6, rue de la Verrerie, 92127 Meudon Cedex, France	Tel. 33/1/5501/50 00	
GET Group www.getgroup.com	SI - C - P (CL, CM, VF) 230 Third Avenue, Waltham, MA 02451 – USA	Tel. +1 781 890-6700	Fax +1 781 890-6320
Ghirlanda SpA www.ghirlanda.it	MF, SI -C -C (MG, SM), SW, GP, EP via Galileo Ferraris, 80/90, 20010 Marcallo con Casone, MI, Italy	Tel. 39/02/972331	Fax 39/02/9761657
Giesecke & Devrient GmbH www.gi-de.com	MF, SI -C, B, NFC, RFID -C (SM, CL, FP), M (H), IC, P (CP, I), R (FX),T (FX, BC, FP, FF), EP, GP Prinzregentenstrasse 159, 81677 Munich, Germany	Tel. 49/89/41190	Fax 49/89/41191535
HID Global www.hidglobal.com	MF -C, RFID -C (MG, CM, SM, CL, OPT), M (TTR, H, I), TAG (RF,LF,UNF HF), IC, P (CP, I, TTR, POS). R (HH, FX, RF, I), SW, EP 15370 Barranca Pkwy, 92618 Irvine, CA, Usa	Tel. 1/949/732/2000	Fax 1/949/732/2120
Hirsch Electronics Corp. www.hirschelectronics.com	MF -B,C,RFID -C(MG,CM,SM,CL,OPT,FP),TAG (RF<LF,HF,MW>),R (HH,FX,RF,I),T (HH,FX,RF,I,BC,FP,IF,VT,VF),SW,EP,GP 1900-B Carnegie Ave., 92705 Santa Ana, CA, Usa	Tel. 1/949/250/8888	Fax 1/949/250/7372
HJP Consulting www.hjp-consulting.com	SH, SI -C, RFID -SW Hauptstraße 35, 33178 Borcheln, Germany	Tel. 49/5251/417760	Fax 49/5251/417766
Honeywell Access Systems www.honeywellaccess.com	MF, SH -RFID, B -C (MG, CM, SM, CL, FP), M (TTR, H), P (TTR), R (HH, RF), S (HH) 2700 Blankenbaker Pkwy, Suite 150, 40291 Louisville, KY, Usa	Tel. 1/800/6753364	Fax 1/502/2975770
IAI Industrial Systems www.iai.nl	MF - C - EP De Run 5406, 5504 DE Veldhoven – The Netherlands	Tel. 31/40/2542445	Fax 31/40/2545635
Identitas www.identitas.it	D -C, B -C (CM, SM, OPT), T (FP), GP, EP Via Tiburtina 912, 00156 Rome, Italy	Tel. 39/06/4072199	Fax 39/06/4086199
Identive Group www.identive-transponders.com	MF -RFID -TAG(RF<HF, UHF>), M (SL), D – RFID, NFC – IC, TAG (RF<LF, HF>) Mu_hlweg 2c, 82054 Sauerlach, Germany	Tel. 49/8104/6495100	Fax 49/8104/6495110
Idesco Oy www.idesco.fi	MF -RFID, C -C (SM, CL),TAG (RF<LF, HF>), R (RF),T (RF) Teknologiantie 9, 90570 Oulu, Finland	Tel. 358/20/74384175	Fax 358/20/7434176

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UHF = Ultra High Frequency
VF = Verifier
VT = Vehicle Terminal

IDTeck www.idteck.com	MF, D -C, B, RFID -C (CM, SM, CL), TAG (RF<LF, HF, UHF>), T (RF, FP, FF, VF), SW 5F, Ace Techno Tower B/D 684-1, Deungchon-Dong, Gangsuh-Gu, 157-030 Seoul, Korea	Tel. 82/2/26590055	Fax 82/2/6590086
iDTronic www.idtronic-group.com	MF -C, RFID -C (CL), M (SL), TAG (RF<LF, HF, UHF>), R (HH, FX, RF, I), T (RF) Donnersbergweg 1, 67059 Ludwigshafen am Rhein, Germany	Tel. 49/621/66900940	Fax 49/621/66900949
Imprimerie Nationale Groupe www.imprimerienationale.fr	MF, SI, - C, B - C, EP, R, SW 104 avenue du Président Kennedy, 75016 Paris	Tel. 33 01 4058300	Fax 33 01 40583085
ImageWare Systems, Inc. www.iwsinc.com	MF, SH -B, C -T (FP, HG, IF, FF), VR, SW 10883 Thornmint Rd , 92127 San Diego, CA, Usa	Tel. 1/858/673/8600	Fax 1/858/673/1770
Industrial Innovation Group www.industrialinnovationgroup.com	MF, SH - C, B, NFC, RFID - C(MG, CM, SM, CL, FP), M(L, H), TAG(RF), P(I), SW, EP, GP, MC Building Z-2, Executive suite 85, SAIF Zone, Sharjah a/p, P.O. Box 9015, Sharjah, UAE	Tel. 00971 6557 0725	Fax 00971 6557 4810
Infineon Technologies AG www.infineon.com	MF -RFID, C -IC Am Campeon 1 - 15, 85579 Neubiberg, Germany	Tel. 0800/4001	
	Infineon is a world leader in semiconductors. Combining entrepreneurial success with responsible action, at Infineon we make the world easier, safer and greener. Infineon designs, develops, manufactures and markets semiconductors and system solutions. The focus is on automotive & industrial electronics, RF applications, mobile devices and hardware-based security. We are playing a key role in shaping a better future – with microelectronics that link the digital and the real world. Our semiconductors enable smart mobility, efficient energy management and the secure capture and transfer of data.		
Ingenico www.ingenico.com	SH, SI -C, B -T (HH, FX, RF, CL, BC, FP, POS), SW, VT 192 avenue Charles de Gaulle, 92200 Neuilly, France	Tel. 33/1/46258200	Fax 33/1/47725695
Innova Card www.innova-card.com	MF -C -IC, SW ZI Athélie IV - Le Forum, Bât. A, Quartier Roumagoua, 13600 La Ciotat , France	Tel. 33/4/42981480	Fax 33/4/42083319
Intelcav www.intelcav.com	MF -C -C (MG, CM, SM, CL, OPT, FP, H) Rua Hungria 514, 50 andar Jardim Paulistano, SP 01455-000 São Paulo, Brazil	Tel. 55/11/2169/0750	Fax 55/11/2169/0769
Interflex Datensysteme GmbH & Co. KG www.interflex.de	MF, SI -B, C -T (RF, FP), SW P.O. Box 81 03 60, 70520 Stuttgart, Germany	Tel. 49/711/13220	Fax 49/711/1322/111
International Bar Code www.interbar.com	MF -C, BC -C (CL), R (RF), S (FX, I) 160 Oak Street, 06033 Glastonbury, CT, Usa	Tel. 1/860/6599660	Fax 1/860/6573860
International Biometric Group www.biometricgroup.com	SI -B, C -SW One Battery Park Plaza, 10004 New York, NY, Usa	Tel. 1/212/8099491	Fax 1/212/8096197
International Security Tech. www.ist-china.com	MF -C, BC, B -C (MG, CM, SM, CL, OPT, FP) No. 99 Meicun Road, 518049 Shenzhen , Guangdong , P. R.China	Tel. 86/755/83124964	Fax 86/755/83315467
Iris Corporation Berhad www.iris.com.my	MF, SI, SH, D, VAR -C, B -C (CM, SM, CL, CMA), B (FF), P (CP), R (HH, FX, RF, I), T (IF, HH, FX, I, FP, L, MK, OCR), SW, EP Iris Smart Technology Complex, Technology Park Malaysia, 57000 Bukit Jalil, Kuala Lumpur, Malaysia	Tel. 603/89960788	Fax 603/89960441
Ixla srl www.ixla.it	MF -C -MC, SW, GP, EP Via Ponte Chiusella 28, 10090 Romano Canavese, Italy	Tel. 39/0125/719286	Fax 39/0125/718455



Desktop laser systems for personalization of eID and ePassport, IXLA fully owns its technology and has more than 1.100 systems installed in 37 Countries. Thanks to these successes, IXLA has become a benchmark for the industry and a qualified partners of the upmost important players for the ID documents GSP.

Keynectis www.keynectis.com	SH - C - SW (SM, CM, CL, VF) 11-13 rue René Jacques - 92131 Issy-les-Moulineaux Cedex, France	Tel. +33 1 55 64 22 00	Fax +33 1 55 64 22 01
Keyware www.keyware.com	MF, SH, SI -C -C (MG, CM, SM, CL, FP), T (RF, POS), SW, EP Ikaros Business Park, Ikaroslaan 24, 1930 Zaventem, Belgium	Tel. 32/2/3462523	Fax 32/2/3471688
Kronos Systems Ltd www.kronos.com/uk	MF -B, C -T (FP) Kronos House, Carey Road, RG40 2NP Wokingham, UK	Tel. 44/118/9789784	Fax 44/118/9782214
Kugler Womako www.kugler-womako.com	MF - C - MC, C (CMA) Schlosserstraße 15, 72622 Nürtingen, Germany	Tel. +49 7022 70020	Fax +49 7022 33444
Labau Technology Corporation www.labau.com.tw	MF -BC, C -R (HH, FX), P (CP, TTR), S (FX), T (POS) 3F-3, No 125, Ln 235, Bau Chiau Road, 231 Taipei, Taiwan	Tel. 886/2/89191371	Fax 886/2/89191771
Linxens www.linxens.com	MF - C, RFID, NFC - TAG (RF <LF, HF, UHF>), A, M(SL), C (CL) 6 Rue Marius Auphan, 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.		
Logiccode PTE Ltd www.logiccode.com.sg	D -BC, C, RFID -S (HH, FX), R (RF), P, T (RF, BT, BC) 10 Ubi Crescent #05-28, 408564 Ubi Techpark (Lobby B), Singapore	Tel. 65/64588/337	Fax 65/64588/553
Magna Carta Chipcard Solutions www.magna-carta.com	MF -C -C (MG, CM, SM, CL), T, SW Naritaweg 126, 1043 CA Amsterdam, Holland	Tel. 31/20/582/20/50	Fax 31/20/582/20/51
Magtek www.magtek.com	MF -C -S (POS), T (POS) 20725 South Annalee Avenue, 90746 Carson, CA, Usa	Tel. 1/800/421/5208	

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Masktech GmbH www.masktech.de sales@masktech.de	SH -C, B, RFID -IC, SW Nordostpark 45, 90411 Nuremberg, Germany Tel. 49/911/955149-0 Fax 49/911/955149-7	 <p>MaskTech is the leading independent provider of high security multi-application operating systems (OS) and customized Flash/ROM masked products for electronic travel documents and ID applications. Our embedded solution (MTCOS) protects e-documents in more than 65 countries worldwide. MTCOS is a fully open standard (ISO/IEC) compliant, Common Criteria EAL5+ certified operating system which includes a large variety of ID applications e.g. ICAO/BSI ePassport, national e-ID, -sign, -health, -driving license and PKI. It supports the RFID, dual interface or contact interface.</p>
Matica System S.r.l. www.maticasystem.com	MF -C -C (MG, CM, SM, CL, FP), M (TTR, I), P (I, TTR), EP, GP, MC, MV Via G. Rossa 4/6, 20037 Paderno Dugnano (MI), Italy Tel. 39/02/92272501 Fax 39/02/91084372	
Maurer Electronics GmbH www.maurer-electronics.de	MF -C -MC Hanauer Strasse 1, 80992 Munich, Germany Tel. 49/89/139268630 Fax 49/89/1392680	
Melzer maschinenbau GmbH www.melzergmbh.com sales@melzergmbh.com	MF -C, RFID -MC, C (MG, CM, SM, CL), M (L, SL), TAG (MK, RF<LF, HF, UHF, MW>) Ruhrstr 51-55, 58332 Schwelm, Germany Tel. 49/2336/9292/80 Fax 49/2336/9292/85	 <p>MELZER offers fully automatic production lines for: e-Passport, ID Cards, Driving Licenses, Resident Permit Cards, e-Visa Stickers; Smart Cards, Dual Interface Cards; Smart Labels/Tickets; RFID Luggage Tags. Customized solutions, the modular machine system and the lean production approach ensure and maintain unsurpassed yield rates, flexibility and profitability. All machinery solutions offer fully automated industrial production processes.</p>
Microsoft Corporation www.microsoft.com	SH -C, B, RFID, DC -SW One Microsoft Way, 98052-6399 Redmond, WA, Usa Tel. 1/800/642/7676 Fax 1/425/936/7329	
Morpho www.morpho.com	MF, SI -C, B -C (CM, SM, CL, FP), R (RF), T (RF, FP, IF, FF), SW, EP, GP Le Ponant de Paris 27, rue Leblanc, F-75512 Paris Cedex 15, France Tel. 33/1/5811/2500 Fax 33/1/4070/2550	
Mühlbauer Group www.muehlbauer.de	MF, SH, SI -RFID, C -C, M (SL), TAG (MK, RF), P (CP, I, TTR), T (FX, RF, I, BT, FP, IF, FF, VF), SW, EP, GP, MC, MV Josef-Muehlbauer-Platz 1, 93426 Roding, Germany Tel. 49/9461/9520 Fax 49/9461/9521101	
Multicard AG www.multicard.com	MF -C -C (MG, CM, SM, CL), T (FP, FF, VF) Widenholzstrasse 1, 8304 Wallisellen, Switzerland Tel. 41/44/8779000 Fax 41/44/8310003	
Nadra www.nadra.gov.pk	VAR, SI, SH -C, B, RFID, DC -SW, EP, GP State Bank of Pakistan Building, Shahrah-e-Jamhuriat, G-5/2, 44000 Islamabad, Pakistan Tel. 92/51/9205568 Fax 92/51/9202939	
Nagra ID www.nagraid.com	MF -C, RFID -C (MG, CM, SM, CL), M (L, TTR, H, I), TAG (RF<LF, HF, UHF>), EP, GP Crêt du Locle 10, 2301La Chaux-de-Fonds, Switzerland Tel. 41/32/9240404 Fax 41/32/9240400	
NBS Technologies Limited www.nbstech.com	MF -C -C (MG, CM, SM, CL) M (TTR, H), P (CP, I, TTR), SW, EP, GP B1 Moorfield Point, Slyfield Industrial Park, GU1 1RU Guildford, Surrey, UK Tel. 44/1483/563200 Fax 44/1483/511189	
NEC Solutions (America) Inc www.necam.com/ids/law	SI -B -T (FP), SW 10850 Gold Center Drive, Suite 200, 95670 Rancho Cordova, CA, Usa Tel. 1/800/777/2347 Fax 1/916/4637041	
Nexus www.vps.de	SH, SI -C, B, NFC, RFID -SW, EP, GP Carl-Zeiss-Strasse 2, 76275 Ettlingen, Germany Tel. 49/7243/54880 Fax 49/7243/548811	

Nfive Software www.nfive.com	SH -C, BC, RFID, B -SW Edificio OneWorld, Urb Belo Horizonte Lt20, 2655-241 Ericeira, Portugal	Tel. 351/261/860450	Fax 351/261/865/647
Oberthur Technologies www.oberthurcs.com	MF, SI -C -C (MG, SM, CL), SW, EP, GP 50, quai Michelet, 92300 Levallois-Perret, France	Tel. 33/1/ 5546/7200	Fax 33/1/ 5546/7201
Omnia Technologies www.omniatags.com	MF -RFID, C -TAG (RF<LF, HF, UHF>) Plot No. 68, Sector - 5, IMT Manesar, 122050 Gurgaon, Haryana, India	Tel. 91/124/4366411	Fax 91/1244366410
Orell Füssli www.ofs.ch	MF -C -C (CL,CM), EP Dietzingerstrasse 3, CH 8036 Zurich, Switzerland	Tel. 41/44/466/7711	Fax 41/44/466/7901
Otto Künnecke GmbH www.kuennecke.com	MF, SI -C -C (MG, SM), GP, EP, MC Zeppelinstrasse 10, 37603 Holzminden, Niedersachsen, Germany	Tel. 49/5531/9300545	Fax 49/5531/9300903
PAV Card GmbH www.pavcard.de	MF -C, RFID -C (MG, CM, SM, CL), EP, GP, TAG (RF<HF>), M Hamburger Strasse 6, 22952 Luetjensee, Germany	Tel. 49/4154/7990	Fax 49/4154/799151
Prooftag www.prooftag.com	MF -C -C (OPT), M (L), TAG (MK) 350, Av d'Italie, 82000 Montauban, France	Tel. 33/5/63211050	Fax 33/5/63211058
ruhlamat GmbH www.ruhlamat.com	MF - C, RFID - A, C(CL), EP (MK), GP, MC Sonnenacker 2, 99819 Marksuhl, Germany	Tel. 49/369259290	Fax 49/36925929111
	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.		
RF Ideas Inc www.rfideas.com	MF -RFID, NFC -C (MG, CM,SM, CL), TAG (RF<LF, HF>), R (RF) 4020 Winnetka Ave, 60008 Rolling Meadows, IL, Usa	Tel. 1/847/8701723	Fax 1/847/4831129
Safe ID Solutions AG www.safe-id.de	MF, SI -C, RFID -C (CL), GP, EP, SW, MC Ottobrunner Str. 43, 82008 Unterhaching, Germany	Tel. 49/89/4521260	Fax 49/89/452126126
SafeNet, Inc. www.safenet-inc.com	MF -C -C (SM), SW 4690 Millennium Drive, 21017 Belcamp, MD, U.S.A.	Tel. 1/410/931/7500	Fax 1/410/931/7524

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I = Industrial

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LF = Low Frequency
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OCR = Optical Char. Recognition
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POS = Point of Sale
RF = Radio Frequency
SL = Smart Labels
SM = Smart
TTR = Thermal Transfer Ribbon
UHF = Ultra High Frequency
VF = Verifier
VT = Vehicle Terminal

Schreiner LogiData www.schreiner-logidata.com	MF -C, RFID, BC -C (SM, CL), M(L, SL, I), TAG (RF<HF, UHF>) Bruckmannring 22, 85764 Oberschleissheim, Germany	Tel. 49/89/31584/4140	Fax 49/89/31584/4109
SCM Microsystems (Identiv) www.scmmicro.com	MF -RFID, NFC -R (HH, FX, RF), T (HH, FX, RF) Oskar-Messter-Straße 13, 85737 Ismaning, Germany	Tel. 49/89/9595/5000	Fax 49/89/9595/5555
SecureTech Consultancy www.securetech-consultancy.com	SH, SI, VAR - C (CL, CM, SM), EP, T (FF, OCR, TTR) 827, Street No. 85, I-8/4, Islamabad-44000, Pakistan	Tel. +92 51 111 111 782	Fax +92 51 4436480
Selex Elsas www.selexelsag.com	MF, SH, SI -C, B, RFID, DC -C (CM, SM, CL), TAG (RF<HF, UHF>), P (I), R (HH, FX, RF, I), S (POS, I, OCR), T (FP, FF), SW, GP, EP Via Puccini, 2, 16154 Genova, Italy	Tel. 39/010/65821	Fax 39/010/6512898
SICPA Security Solutions www.sicpa.com	MF, SH - C - P, SW, TAG (L, MK) Av de Florissant 41, 1008 Prilly – Switzerland	Tel. +41 21 627 61 55	Fax +41 21 627 57 27
	At the core of SICPA's security expertise are high-performance security inks that protect the majority of the world's banknotes, security documents and value documents from counterfeiting and fraud. SICPA's Government Security Solutions Division enables Governments to protect tax revenues and deliver associated policy objectives by providing unique and secure authentication and traceability solutions. SICPATRACE® combines material based security with state-of-the-art information technology which enables our partner Governments to secure revenue and protect consumers. SICPA is a pioneer in this field and has successfully implemented and operated nationwide track and trace solutions for Governments worldwide.		
Sitronics www.sitronics.com	MF -C -C (SM), IC 39/5 3-ya Tverskaya-Yamskaya St. Building I, 125047 Moscow, Russia	Tel. 7/495/2250030	Fax 7/495/2250036
Skidata AG www.skidata.com	MF, D, SI -C, RFID -C (SM, CL, OPT, MG), M (L, TTR), TAG (RF<LF, HF>), P (CP, TTR), R (HH, FX, RF), S (HH, FX, POS), SW, T (HH, FX, BC, POS, VT) Unterbergstrasse 40, 5083 Grödig - Salzburg, Austria	Tel. 43/6246/8880	Fax 43/6246/8887
Smartware www.smartware.fr	MF -C, RFID -EP, GP, R (RF) 11, Avenue des Andes, Le Carthagène, Z.A. de Courtaboeuf, 91940 Les Ulis, France	Tel. 33/1/6486/2525	Fax 33/1/6486/2526
SPS - Smart Packaging Solutions www.s-p-s.com	MF - C - A, C (CMA, CL, HF), IC, DATAPAGE 85 avenue de la Plaine, ZI de Rousset-Peynier, 13790 Rousset – France	Tel. +33 4 42 53 88 30	Fax +33 4 42 53 84 48
Spartanics www.spartanics.com	MF -C, RFID -C (MG, CM, SM), M (L), P (I) 3605 Edison Place, 60008 Rolling Meadows, IL, Usa	Tel. 1/847/3945700	Fax 1/847/3940409
STMicroelectronics www.st.com	MF -C, RFID, B -C (CM, SM, CL, FP), M (SL), TAG (RF<HF, UHF>), IC 39, Chemin du Champ des Filles CP 21, 1228 Plan-Les-Ouates, Geneva 15, Switzerland	Tel. 41/22/9292929	Fax 41/22/929/2900
Studio Card Ltd. www.rfid.bg	SI, VAR, D -C, RFID -C (CL, SM), M, TAG (RF<LF, HF>), R (RF), T (RF) 36, Dragan Tsankov Blvd., Interpret World Trade Centre, Office B 324, 1040 Sofia, Bulgaria	Tel. 359/886/718545	Fax 359/2/9693330
Symbolic S.p.A. www.symbolic.it	D -C -C (SM) Viale Mentana 29, 43121 Parma, Italy	Tel. 39/0521/708811	Fax 39/0521/776190
Szst Electronics Group www.szst.com	MF -C, DC -C (MG, SM), R, P, T (HH, BC, POS), SW, EP, GP 5/F, West Coast Bldg, Nan You Rd, 518054 Nan Shan Dist., Shenzhen, Guangdong, China	Tel. 86/755/26490094	Fax 86/755/26490099
Texas Instruments RFID Systems www.ti-rfid.com	MF -RFID, C -C (CL), M (SL), TAG (RF<LF, HF, UHF>), IC, A, R (HH, FX, RF), T (RF), SW 6550 Chase Oaks Blvd, 75023 Plano, TX, Usa	Tel. 1/800/962/7343	Fax 1/214/567/7343

Thales www.thalesgroup.com	MF, SI -B, NFC -IC, A, T(FX, FP, IF, FF), SW, EP 20-22 rue Grange Dame Rose, 78141 Velizi, France	Tel. 33/1/73320000
Trüb AG www.trueb.ch	MF, SI -C, B, NFC -C (MG, CM, SM, CL, FP), M (H), TAG (RF<LF, HF>), IC, A, P (TTR), SW, EP, GP, MC Hintere Bahnhofstrasse 12, 5001 Aarau, Switzerland	Tel. 41/62/8320000 Fax 41/62/8320100
Ultra Electronics Card Systems www.magicard.com	MF -C, BC -M (TTR, H), P (CP, TTR) Hampshire Road, DT4 9XD Weymouth, Dorset, UK	Tel. 44/1305/784738 Fax 44/1305/777118
Unisys www.unisys.com/biometrics	SI, SH, VAR -C, B -C (MG, SM, OPT, FP), T (HH, FX, RF, BT, BC, FP, IF, FF, VF), VR, SW, EP, GP 801 Lakeview Drive, 19422 Blue Bell, PA, Usa	Tel. 1/215/986/4011
Vasco Data Security International www.vasco.com	MF -C -R (HH), SW Koningin Astridlaan 164, 1780 Wemmel, Belgium	Tel. 32/2/6099700 Fax 32/2/6099709
VeriFone, Inc. www.verifone.com	MF -C -T (HH, POS), P, SW 2099 Gateway Place, Suite 600, 95110 San Jose, CA, Usa	Tel. 1/408/232/7800 Fax 1/408/232/7811
Verisign www.verisign.com	SI -C, DC, RFID -C, SW 487 E. Middlefield Road, 94043 Mountain View, Usa	Tel. 1/650/4263535
Vision-Box www.vision-box.com	MF -C, B -C, R (FX, FF, FP, VF), T Rua Casal do Canas n.2, Zona Industrial de Alfragide, 2790-204 Carnaxide, Portugal	Tel. 351/21/154/3900 Fax 351/21/154/3901
Vlatacom d.o.o. www.vlatacom.com	MF, SI, SH -C, B, DC -R(HH, FX, RF<HF>), S(OCR), T (HH, BC, FP, FF, RF, VF), SW, EP, GP 5 Milutina Milankovica, 11070 Belgrade, Serbia	Tel. 381/11/377/1100 Fax 381/11/377/1199
Wick Hill Group plc www.wickhill.com	D -B, C -C (SM, CL, FP), SW, EP River Court, GU21 5RP Woking, UK	Tel. 44/1483/227600 Fax 44/1483/227700
Wincor Nixdorf International GmbH www.wincor-nixdorf.com	MF, SH, SI -RFID, C -T (HH, FX, RF, BC, POS, VF), R (HH, FX, POS), SW, P (CP) Heinz-Nixdorf-Ring 1, 33106 Paderborn, Germany	Tel. 49/5251/69330 Fax 49/5251/6936767
WiseKey www.wisekey.com	MF, SH - C, DC - T (VF), SW World Trade Center II, 29, Route de Pré-Bois, P.O. Box 853, CH- 1215 Genève 15, Switzerland	Tel. +41 22 594 30 00
ZeitControl cardsystems www.zeitcontrol.de	MF -C, RFID -M (SL), TAG (RF<LF, HF>), A, R (HH, FX, RF, I), T (HH, FX, RF, I), EP, MC Siedlerweg 39, 32429 Minden, Germany	Tel. 49/571/505220 Fax 49/571/5052299

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