

# ID WORLD

THE PLAYERS OF THE AUTO ID INDUSTRY

# DATA COLLECTION

**2017  
BUYER'S  
GUIDE**

Hadrian Media

## Honeywell Scanning and Mobility

### Offering broad product portfolio in the automatic identification and data collection industry

#### Honeywell

Honeywell Scanning & Mobility (HSM) is a leading manufacturer of high-performance image- and laser-based data collection hardware, including rugged mobile computers and bar code scanners, radio frequency identification solutions, voice-enabled workflow and printing solutions. With the broadest product portfolio in the automatic identification and data collection industry, HSM provides data collection hardware for retail, healthcare, and transportation and logistics companies seeking to improve operations and enhance customer service. Additionally, HSM provides advanced software, service and professional solutions that help customers effectively manage data and assets.

Honeywell Global Tracking (an SBE of Honeywell Scanning & Mobility) develops products and solutions that are used around the world to track,

monitor and communicate with mobile assets. Honeywell International is a verified technology and manufacturing leader, serving customers worldwide with aerospace products and services; control technologies for buildings, homes and industry; automotive products; turbochargers; and performance materials.

700 Visions Drive  
P.O. Box 208  
Skaneateles Falls, NY, 13153-0208 – USA

Tel. +1 800 782 4263  
Fax +1 315 685 3172

[www.honeywell.com](http://www.honeywell.com)



## Motorola

### Advancing the way the world connects through cutting-edge, converged solutions



Motorola is a global communications leader powered by a passion to invent and an unceasing commitment to advancing the way the world connects. Motorola's Enterprise Mobility Solutions and Networks business offers a comprehensive end-to-end portfolio of products and solutions, including rugged two-way radios, mobile computers, secure public safety systems, barcode scanning, RFID readers and wireless network infrastructure to enterprises and governments, as well as 4G broadband infrastructure, devices and services to network operators globally.

The Enterprise Mobility Solutions (EMS) portfolio is available to enterprise customers across retail, energy and utilities, transportation, manufacturing, healthcare and other commercial markets and to governments and public safety agencies. Motorola EMS has consistently delivered new ways for governments and businesses to connect from the first ever two-way radio and the first ever hand held

laser scanner to the cutting-edge, converged solutions of today such as the mobile computing device, MC9500, and the APX public safety radio. With this portfolio Motorola offers solutions, support tools and services to many of the Fortune 500 companies and governments around the world. Combined with a global channel partner community Motorola has an extensive reach into small-to-medium businesses, as well a large range of additional vertical markets.

1303 East Algonquin Road  
Schaumburg, IL 60196  
USA

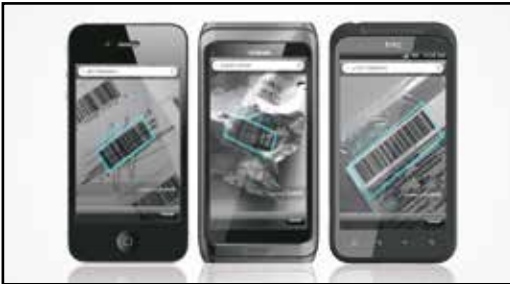
Tel. +1 847 576 5000

[www.motorola.com](http://www.motorola.com)



## Delivering fast, accurate full-screen and any-angle scanning for logistics businesses

Scandit enables retail, manufacturing and logistics businesses to maximize operational performance and drive new revenue streams via enterprise-grade barcode scanning, OCR and data capture software for smartphones, tablets and wearable devices. With over 10,000 licensees in over 80 countries, Scandit's award-winning mobile scan technology and associated cloud services is the platform of choice for many of the world's most prestigious brands including Ahold, Saks 5th Avenue, Capital One, Homeplus (Tesco), Nasa, Bayer and Coop, em-



powering consumers and employee use cases ranging from self-scanning, mobile shopping and mobile point of sale to inventory management and asset tracking.

Scandit's cross-platform scan technology delivers lightning-fast and highly accurate full-screen and any-angle scanning, even of blurry and damaged barcodes, on the widest possible range of iOS and Android devices, and provides seamless support for IBM Worklight, Adobe Phonegap, Xamarin and Appcelerator Titanium. Founded in 2009 by a group of researchers from MIT, ETH Zurich and IBM Research, today Scandit and its network of global integration and technology partners are pushing the boundaries of mobile AIDC (automatic identification and data capture) and developments in the 'Internet of Things' arena to deliver ground-breaking identification and data capture applications to its global customer base.

# Scandit

Thurwiesenstrasse 8  
8037 Zurich  
Switzerland

+41.44.586.4540  
+1.617.284.6565

www.scandit.com  
info@scandit.com

# Zebra Technologies

## Location systems that give a virtual voice to an organization's assets, people and transactions

A global leader respected for innovation and reliability, Zebra Technologies offers technologies that give a virtual voice to an organization's assets, people and transactions, enabling organizations to unlock greater business value. The company's extensive portfolio of marking and printing technologies, including RFID and real-time location solutions, illuminates mission-critical information to help customers take smarter business actions.

Whether tracking containers and cargo through a major



port, managing parts for lean manufacturing or managing ground support equipment at a major airport, the automated asset tracking and management solutions from ZES improve business processes. Utilizing the combined products offered by these businesses, ZES provides greater asset visibility and business efficiency for the aerospace and defense, aviation, automotive, industrial manufacturing, maritime, and transportation and logistics industries.

Customers within these industries benefit by increasing productivity, lowering operational costs, and improving safety and security throughout their logistics operations.



475 Half Day Road  
Suite 500  
Lincolnshire, IL 60069  
USA

Tel. +1 847 634 6700  
Fax +1 847 913 8766

www.zebra.com

<b>4P Mobile Data Processing</b> www.4p-online.com	<b>MF -DC, RFID, NFC -P (POS), R (HH, RF, I), S (HH, I, POS), T (HH, RF, I, BT, BC, FP, POS, VT)</b> Via Germania 15, 35127 Padova, Italy	Tel. 39/049/8069811	Fax 39/049/8069843
<b>A2B Tracking Solutions Inc</b> www.a2btracking.com	<b>SH, SI -BC, DC -R (HH, RF, I), S (HH), SW</b> 207 High Point Avenue, 02871 Portsmouth, RI, Usa	Tel. 1/401/683/5215	Fax 1/401/683/5219
<b>Access-IS</b> www.access-is.com	<b>MF -C, RFID - R (OCR, RF, CL, BC), DC - R (OCR, RF, CL, BC), BC -R (RF, CL, POS)</b> 18 Suttons Business Park, Reading, Berkshire, RG6 1AZ, United Kingdom	Tel. +44 7748 770 632	Fax +44 118 926 7281
<b>Advanco SA</b> www.advanco.be	<b>SI -BC, B -M (L, TTR), P (CP, I), S (HH, FX), T (RF, BT, FF)</b> Rue de la Fusée 66, B-1130 Brussels, Belgium	Tel. 32/2/7268800	Fax 32/2/7264039
<b>Alp Vision</b> www.alpvision.com	<b>SH, SI - C, DC - SW, M (MK, VF)</b> Rue du clos 12, 1800 Vevey, Switzerland	Tel. +41 21 948 6464	
<b>Altronix SE, Lda</b> www.altronix.pt	<b>SI, D -BC, DC, C, RFID, B -C (MG, CM, CL, FP, SM), M (L, TTR), TAG (EAS), P (CP, I), R (HH, FX, RF), S (POS), T, SW</b> Rua de Santana, 963 C - S.19, 4465 742 Leça do Balio, Portugal	Tel. 35/1229066060	Fax 35/1229066069
<b>Arca Etichette SpA</b> www.arca.it	<b>MF -BC -M (L, TTR), P (I)</b> via Edison, 119, 20010 Marcallo, MI, Italy	Tel. 39/2/972311	Fax 39/2/9761633
<b>Armor SA</b> www.armor-tt.com	<b>MF -BC, DC -M (TTR), P (TTR)</b> 20, rue Chevreul - BP 90508, 44105 Nantes Cedex 4, France	Tel. 33/2/40384000	Fax 33/2/40384018
<b>Atms plc</b> www.atmsplc.com	<b>SI -BC, RFID, DC -M (L, TTR), P (CP,I), R (RF), S (HH, FX), T (RF, BT, BC), SW</b> Number One Holt Court, Aston Science Park, B7 4EJ Birmingham, UK	Tel. 44/121/6289000	Fax 44/121/3594200
<b>Axicon Auto ID Ltd</b> www.axicon.com	<b>MF -BC -S(HH, FX), P(I, CP)</b> Church Road, Weston-on-the-Green, Bicester, OX25 3QP Oxford, UK	Tel. 44/1869/351155	Fax 44/1869/351205
<b>Axiome Alpha SA</b> www.axiome.ch	<b>MF -RFID, BC -S (OCR), T (HH, RF, BT, BC)</b> Avenue Soguel 1a, 2035 Corcelles, Switzerland	Tel. 41/32/7310740	Fax 41/32/7310742
<b>Bancolini Symbol SpA</b> www.bancolini.com	<b>MF,SI -BC,DC,RFID,RTLS -M (L,SL,TTR),TAG (RF&lt;LF,HF,UHF&gt;),A,P (CP,I,TTR),R (HH,FX,I),S (HH,FX,I),T (HH,FX,RF,I,BT,BC,VT,VF),SW</b> via Emilia, 292, 40068 San Lazzaro di Savena, BO, Italy	Tel. 39/051/6258589	Fax 39/051/6258576
<b>Baracoda SA</b> www.baracoda.com	<b>MF -BC -S (HH), T (BC), SW</b> 30 Avenue de l'Amiral Lemonnier, 78160 Marly-Le-Roi, France	Tel. 33/1/30088900	Fax 33/1/30088998
<b>BB Data Teknik A/S</b> www.bbdata.dk	<b>SI -BC, DC -S (HH, FX, I), T (HH, FX, I, BC, VT)</b> Transformervej 18, 2730 Herlev, Denmark	Tel. 45/44/850230	Fax 45/44/531507
<b>Brady Corporation</b> www.bradyid.com	<b>MF -BC, DC -M (L), SW, P (C, TTR)</b> 6555 W Good Hope Rd, 53223 Milwaukee, WI, Usa	Tel. 1/414/3586600	Fax 1/414/358/6647
<b>CAB</b> www.cab.de	<b>MF, BC, P, SW, BC, L, TTR</b> Wilhelm-Schickard-Str.14, 76131 Karlsruhe, Deutschland	Tel. 49/721/6626-281	Fax 49/721/6626-229
	Label Printing Systems - Print and Apply – Marking Laser, Series of label printers, Barcode printer, Half and fully automatic labeling systems Label dispenser, Marking laser, Consumables / Ribbon and Labels - Label software, cab is setting new technological benchmarks in developing and manufacturing devices and systems for product labeling and product marking. Customers from the manufacturing, service industries and trade rely on our high quality standards.		



<b>Casio Europe GmbH</b> www.casio-b2b.com	<b>MF -BC, DC, NFC -S (HH, I, OCR), T (HH, RF, I, BT, BC, VT), NFC</b> Casio-Platz 1, 22848 Norderstedt, Schleswig-Holstein, Germany	Tel. 49/40/52865/407	Fax 49/40/52865/424
<b>Checkpoint Systems Inc</b> www.checkpointsystems.com	<b>MF, SI, D -RFID, DC -M (SL), TAG (EAS, RF&lt;HF, UHF&gt;), A, R (HH, FX, RF), T (HH, RF, POS), SW</b> 101 Wolf Drive, 08086 Thorofare, NJ, Usa	Tel. 1/800/2575540	Fax 1/856/3843199
<b>Cils</b> www.cils-international.com	<b>MF -BC -M (L, I)</b> 2 Southdownview, Broadwater B. Park, BN14 8NL Worthing, West Sussex, UK	Tel. 44/1903/219000	Fax 44/1903/219111
<b>Citizen Systems Europe</b> www.citizen-europe.com	<b>MF -BC -M (L, TTR), P (CP, I, TTR, POS), SW</b> Park House, 643-651 Staines Road, TW14 8PA Feltham, Middlesex, UK	Tel. 44/20/8893/1900	Fax 44/20/8893/0080
<b>Code Corporation</b> www.codecorp.com	<b>MF -BC, DC -R(HH, I), T(HH, I, BT, BC)</b> 11814 South Election Road, Suite 200, 84020 Draper, UT, Usa	Tel. 1/801/4952200	Fax 1/801/4952202
<b>Cognex Corporation</b> www.cognex.com	<b>MF -DC, BC -MV</b> One Vision Drive, 01760-2059 Natick, MA, U.S.A.	Tel. 1/508/650/3000	Fax 1/508/650/3333
<b>Compact Laser Solutions GmbH</b> www.compactlaser.com	<b>MF -BC, C -TAG (MK), MC</b> Berliner Strasse 27, 13507 Berlin, Germany	Tel. 49/30/2355540	Fax 49/30/23555444
<b>Conver Autoadhesivos SA</b> www.conver-autoadhesivos.com	<b>MF -BC -P (I, CP), M (L, TTR)</b> Avda. Puigcerda, 14, 08185 Llica de Vall, Barcelona, Spain	Tel. 34/93/8491866	Fax 34/93/8463870
<b>Dai Nippon Printing Co Ltd</b> www.dnppribbons.com	<b>MF -BC -M (TTR)</b> 2F, Ichigaya Sankyo Bldg., 14-1 Haraikatacho, 162-0841 Shinjuku-ku, Tokyo, Japan	Tel. 81/3/3266/4210	Fax 81/3/3266/4224
<b>Dap Technologies</b> www.daptech.com	<b>MF -BC, DC -T (RF, HH, BC, FP, IF, VT)</b> 25 Nuffield Way, OX14 1RL Abingdon, UK	Tel. 44/1235/462130	Fax 44/1235/462131
<b>Datalogic SpA</b> www.datalogic.com	<b>MF, SI -DC, BC -R (HH, FX, RF, I), S (HH, FX, POS, I, OCR), T (HH, FX, RF, I, BT, BC, POS, VT)</b> Via Candini 2, 40012 Lippo di Calderara, BO, Italy	Tel. 39/051/3147011	Fax 39/051/726562
<b>Datamax O'Neil</b> www.datamax-oneil.com	<b>MF -BC, RFID -M (L, SL, TTR), P</b> 4501 Parkway Commerce Boulevard, 32808 Orlando, FL, Usa	Tel. 1/800/816/9649	Fax 1/407/5788377
<b>Dynic Usa Corporation</b> www.dynic.com	<b>MF -BC -M (L, TTR)</b> 4750 NE Dawson Creek Dr., 97124 Hillsboro, OR, Usa	Tel. 1/503/6931070	Fax 1/503/6481185

## 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

<b>Ekahau</b> www.ekahau.com	<b>MF, SH -DC, RTLS -TAG (RF), SW</b> 1851 Alexander Bell Drive, 20191 Reston, VA, Usa	Tel. 1/703/860/2850	Fax 1/703/860/2028
<b>Etilux SA</b> www.etilux.com	<b>SI,VAR, D -BC,DC,RFID, C -C (MG), M (L,SL,TTR),TAG (RF&lt;HF&gt; ) P (CP,I,TTR),R (HH,FX,RF,I),S (HH,FX,I),T (HH,FX,RF,I,BT,BC),SW</b> 45, rue de l'Espérance, 4000 Liege, Belgium	Tel. 32/4/2249999	Fax 32/4/2261106
<b>Euro Link Srl</b> www.euro-link.it	<b>MF, SI, VAR -RFID, DC -C (SM), M (SL), TAG (RF&lt;LF, HF, UHF&gt;), A, R (FX, HH, I), T (RF), SW, EP</b> V. delle Industrie, 7, 30175 Marghera, VE, Italy	Tel. 39/041/5093861	Fax 39/041/5093096
<b>Euro Plus d.o.o. (Nice Label)</b> www.nicelabel.com	<b>SH -BC, RFID -SW</b> Poslovna cona A 2 , 4208 _en_ur, Slovenia	Tel. 386/4/280/5000	Fax 386/4/233/1148
<b>Flytech Technology Co Ltd</b> www.flytech.com.tw	<b>MF -BC, RTLS, DC -R (HH), S (HH, POS)</b> No. 168, Sing-Ai Rd., Nei-Hu District 114, 114 Taipei, Taiwan, Republic of China	Tel. 886/2/8791/4988	Fax 886/2/8791/4966
<b>Foba Laser Marking + Engraving (Alltech)</b> www.fobalaser.com	<b>MF -C, DC -MC, TAG (MK), MV</b> An der Trave 27-31, 23923 Selmsdorf, Germany	Tel. 49/38823/550	Fax 49/38823/55222
<b>Genesta</b> www.genesta.com/syvox	<b>MF, SI -RFID, DC -R (RF), A, SW</b> 1850 Interstate 30, 75087 Rockwall, Texas, Usa	Tel. 1/972/7711653	Fax 1/972/7221179
<b>Grape Systems Inc</b> www.grape.co.jp	<b>SH -DC, BC -SW</b> Queen's Tower B 19F, 2-3-3 Minato-mirai, Nishi-ku, 220-6119 Yokohama, Kanagawa, Japan	Tel. 81/45/2223761	Fax 81/45/2223760
<b>Höft &amp; Wessel AG</b> www.hoeft-wessel.com	<b>MF -RFID, NFC, BC, DC -R (HH), S (HH, POS), T (HH, BC, POS, VT), SW</b> Rotenburger Strasse 20, 30659 Hannover, Germany	Tel. 49/511/61020	Fax 49/511/6102/411
<b>Honeywell Scanning and Mobility</b> www.honeywellaidc.com	<b>MF -DC, BC -R (HH, FX, RF, I), S (HH, FX, POS, I, OCR), T (HH, FX, RF, I, BC, POS, VT, VF)</b> 700 Visions Drive, 13153-0208 Skaneateles Falls, NY, Usa	Tel. 1/315/5546000	Fax 1/315/6850049
<b>ID.SYS</b> www.idsys.es	<b>D -BC, DC, C, RFID -C (MG, CM, SL, CL), M (L, SM, TTR, H, I), TAG (RF&lt;LF, HF&gt;), A, R (HH, FX, RF, I), S (HH, FX, POS, I, OCR), T (HH, FX, RF, I, BT, BC, POS, VT, VF), SW</b> Calle Sanchez Pacheco, 73, 28002 Madrid, Spain	Tel. 34/91/7444460	Fax 34/91/5197213
<b>Identec Solutions AG</b> www.identecsolutions.com	<b>MF, SI -RFID, RTLS -TAG (RF&lt;HF, UHF, MW&gt;), A, R (HH, FX, RF, I), T (HH, FX, RF, I, VT), SW</b> Millennium Park 2, 6890 Lustenau, Austria	Tel. 43/5577/873870	Fax 43/5577/8738715
<b>Identicus Slovenia D.O.O.</b> www.identicus.si	<b>VAR -BC -S(HH, FX), P(I, CP), PT(RF, BT), M(L, TTR)</b> Slandrova ulica 8b, 1000 Ljubljana, Slovenia	Tel. 386/61/5890170	Fax 386/61/5890180
<b>Iimak</b> www.iimak.com	<b>MF -BC -M (TTR)</b> 310 Commerce Drive, 14228 Amherst, NY, Usa	Tel. 1/716/691633	Fax 1/716/6913395
<b>ImageID Ltd</b> www.imageid.com	<b>SH, D -DC, BC -R (FX, I), SW, MV</b> 1 Hanagar St, Neve Ne'eman B, PO Box 7252, 45241 Hod Hasharon, Israel	Tel. 972/9/7774200	Fax 972/9/7774222
<b>Infineon Technologies AG</b> www.infineon.com	<b>MF -RFID, C -IC</b> Am Campeon 1-12, 85579 Neubiberg, Germany	Tel. 49/800/951951951	Fax 49/89/2349553431
<b>Informa Oy</b> www.informa.fi	<b>SI -BC -M (L, TTR), P (CP, I), S (HH, FX, I), T (RF, BC, BT)</b> Ruukintie 20.B, 02330 Espoo, Finland	Tel. 358/424/22001	Fax 358/424/2200300

<b>Inotec UK</b> www.inotec.info	<b>MF -RFID, BC -M (SL), TAG, R</b> Inotec House, Viking Close, HU10 6DZ Willerby, East Yorkshire, UK	Tel. 44/1482/654466	Fax 44/1482/655004
<b>Inspection Systems Inc</b> www.inspectionssystem.com	<b>MF -BC -VF</b> 7351 Kirkwood Lane N, Ste 122, 55369 Minneapolis, MN, Usa	Tel. 1/763/3158060	Fax 1/763/3158066
<b>Intelleflex Corporation</b> www.intelleflex.com	<b>MF -RFID, DC -TAG (RF&lt;UHF&gt;), R (HH, FX, RF), A, IC</b> 2465 Augustine Drive #102, 95054 Santa Clara, CA, U.S.A.	Tel. 1/408/200/6500	Fax 1/408/200/6599
<b>Intelligent Ltd</b> www.intelligent.co.uk	<b>SI -BC, RFID -M (SL), TAG (RF&lt;HF, UHF&gt;), R (HH, FX, RF), T (BC, RF)</b> Intelligent House, Southgate 3, 323 Wilmslow Road, SK8 3PW Stockport, UK	Tel. 44/161/4981140	Fax 44/161/4368787
<b>Intelligent Instrumentation</b> www.lanpoint.com	<b>MF, SI -BC, DC -A, R (FX, RF, I), S (HH, I), T (FX, RF, I, BT, BC, VT), SW, MV</b> 6440 S. Bonney Ave., 85706 Tucson, AZ, Usa	Tel. 1/520/5730887	Fax 1/520/5730522
<b>KFI Trading</b> www.kfi.it	<b>VAR, D, SI -RFID, BC, DC -M (L, TTR, SL), TAG (RF&lt;HF, UHF&gt;), A, P (CP, I, TTR, POS), R (HH, FX, RF, I), S (HH, FX, I, OCR), T (RF, HH, FX, I, BT, BC), VR, SW</b> Via delle Scienze, 21, 20082 Binasco (MI), Italy	Tel. 39/02/905731	Fax 39/02/90092245
<b>Klimax A/S</b> www.klimax.dk	<b>SI -BC -M (L, TTR), P (CP, I)</b> Literbuen 12 - 14, 2740 Skovlunde, Denmark	Tel. 45/7022/1071	Fax 45/44/945388
<b>Labau Technology Corporation</b> www.labau.com.tw	<b>MF -BC, C -R (HH, FX), P (CP, TTR), S (FX), T (POS)</b> 3F-3, No 125, Ln 235, Bau Chiau Road, 231 Taipei, Taiwan	Tel. 886/2/89191371	Fax 886/2/89191771
<b>Label Vision Systems Inc</b> www.lvs-inc.com	<b>MF -BC -S (FX, I, OCR, HH), T (BC, VF), MV</b> 101 Auburn Court, 30269 Peachtree City, GA, Usa	Tel. 1/770/4876414	Fax 1/770/4870860
<b>Labelmate LLC</b> www.Labelmate.com	<b>MF -BC -MC</b> 69 Avenue Alphonse XIII, 1180 Brussels, Belgium	Tel. 32/2/3756960	Fax 32/2/3753896
<b>Linikodas UAB</b> www.linikodas.lt	<b>D -BC -S (HH, FX), M (L)</b> Savanoriu av. 187, bldg. 2, 02300 Vilnius, Lithuania	Tel. 370/5/2323040	Fax 370/5/2323038
<b>Linkspoint</b> www.linkspoint.com	<b>MF -BC, DC, RTLS -SW</b> One Selleck Street - Suite 330, 06855 Norwalk, CT, Usa	Tel. 1/203/8534600	Fax 1/413/4734600
<b>Logiccode PTE Ltd</b> www.logiccode.com.sg	<b>D -BC, C, RFID -S (HH, FX), R (RF), P, T (RF, BT, BC)</b> 10 Ubi Crescent #05-28, 408564 Ubi Techpark (Lobby B), Singapore	Tel. 65/64588/337	Fax 65/64588/553

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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

<b>Lowry Computer Products Inc</b> www.lowrycomputer.com	<b>D, SI -BC, RFID, B -M (L, TTR), TAG (RF&lt;HF,UHF&gt;), S (HH, FX, I, POS), P (CP, TTR, I), T (RF, BT, VF)</b> 9420 Maltby Road, 48116 Brighton, MI, Usa Tel. 1/810/2297200 Fax 1/810/2295189
<b>Lyngsoe Systems A/S</b> www.lyngsoesystems.com	<b>MF, SH, SI -BC, DC, C, RFID, RTLS -C (SM), M (L), TAG (RF&lt;LF, HF, UHF&gt;), IC, A, P, R (HH, FX, I), S (POS), T (BT, VT, VF), SW</b> Lyngso Allé 3, 9600 Aars, Denmark Tel. 45/96980980 Fax 45/96980980
<b>Maxa Technologies</b> www.maxatec-europe.com	<b>D -DC, BC -M (L, TTR, ), P (CP, I, TTR, POS) R (HH,FX), S (HH, FX, POS, I, OCR), T (HH, FX, RF, BC, POS)</b> Atlantic Street, WA14 5QJ Altrincham, Cheshire, UK Tel. 44/161/9427850 Fax 44/161/9277664
<b>Mecco Marketing and Traceability</b> www.mecco.com	<b>MF -DC, BC -TAG (MK), S (HH, FX), T (HH, FX, I, BT, BC, VF), SW, MC</b> 290 Executive Drive, Suite 200, 16066 Cranberry Twp, PA, Usa Tel. 1/888/369/9190 Fax 1/724/779/9556
<b>Meteor Srl</b> www.meteorbarcode.it	<b>MF, SI -BC, RFID -S (HH, FX, I, POS), P, T (RF, BT), M (L, TTR)</b> via delle Macchine, 24, 30038 Spinea, VE, Italy Tel. 39/041/5412600 Fax 39/041/5412231
<b>Microlise</b> www.microlise.com	<b>MF, SH -DC, RFID, RTLS -R (RF), T (VT, RF), SW, VR</b> Farrington Way, Eastwood, NG16 3AG Nottingham, UK Tel. 44/1773/537000 Fax 44/1773/537373
<b>Microscan</b> www.microscan.com	<b>MF -BC, DC -S (FX, I, HH, OCR), R (FX, I, HH), SW, MV</b> 700 SW 39th Street, 98057 Renton, WA, USA Tel. 1/425/2265700 Fax 1/425/2268250
<b>Microvision Inc</b> www.mvis.com	<b>MF -BC -S (HH, FX, I)</b> 19910 North Creek Parkway, 98011 Bothell, WA, Usa Tel. 1/425/4156847 Fax 1/425/4156603
<b>Motorola Solutions</b> www.motorolasolutions.com	<b>MF -RFID, BC -A, R (HH, FX, RF, I), S (HH, FX, POS, I), T (HH, FX, RF, I, BT, BC, POS, VT), SW</b> 1303 East Algonquin Road, 60196 Schaumburg, IL, Usa Tel. 1/847/5765000
<b>Multiscan Corporation</b> http://multiscan-corp.com/english/index.html	<b>MF -BC -R (FX, I)</b> 1110 Brickell Ave, Suite 502, 33131 Miami, FL, Usa Tel. 1/305/3738007 Fax 1/305/3738058
<b>NCR Corporation</b> www.ncr.com	<b>MF, D -RFID, BC -M (L, SL, TTR), P (I, TTR), S (FX, POS)</b> 1700 South Patterson Blvd, 45479 Dayton, OH, Usa Tel. 1/888/979/8627 Fax 1/888/449/2349
	NCR is at the center of the self-service revolution, strategically poised between consumers who demand fast, easy and convenient options, and businesses intent on increasing revenues, building customer loyalty, reaching the contemporary consumer and lowering their cost of operations. Our leadership in customer interactions is built on deep consumer and industry expertise. NCR is focused beyond a niche self-service technology, geography or market. Our people offer a broader perspective that enables our customers not only to achieve their goals, but to transform their business models.
<b>Niceware International</b> www.nicewareintl.com	<b>SH -BC -SW, M (L)</b> 10437 Innovation Drive, Suite 225, 53226 Milwaukee, WI, Usa Tel. 1/414/4766423 Fax 1/414/4767955
<b>Nordic ID</b> www.nordicid.com	<b>MF -RFID, BC, DC -R (RF&lt;UHF&gt;, HH), T (HH, RF, BC, BT, POS)</b> Myllyojankatu 2A, 24100 Salo, Finland Tel. 358/2/7277700 Fax 358/2/7277720
<b>Oltremare Srl</b> www.oltremare.net	<b>SH, SI, D -DC, RFID, BC, C, B -C (MG, CL), TAG (RF&lt;LF, MW&gt;), R (HH, FX, RF), S (HH), T (HH, FX, RF, BT, BC, HG), SW</b> Via del Gelso 7, 33100 Udine, UD, Italy Tel. 39/0432/508988 Fax 39/0432/204121
<b>Opticon Ltd</b> www.opticon.com	<b>MF -BC, DC -T (HH, RF, BT, BC), R (HH, FX, POS, I)</b> 960 Capability Green, LU1 3PE Luton, Bedfordshire, UK Tel. 44/1582/635100 Fax 44/1582/635200



<b>Oribi id-solutions</b> www.oribi.nl	<b>SH -B, DC -C (FP), S (RF, HH, OCR), SW</b> Bedrijfsweg 15, 5061 JX Oisterwijk, The Netherlands	Tel. 31/135211256	Fax 31/135287137
<b>Panmobil</b> www.panmobil.com	<b>MF -RFID, BC, DC -R (HH, RF, I)</b> Hansestr. 91, 51149 Köln, Germany	Tel. 49/2203/10334777	Fax 49/2203/10334720
<b>Pathguide Technology Inc</b> www.pathguide.com	<b>SH, SI -BC -SW</b> 8221 - 44th Ave. Suite G, 98275 Mukilteo, WA, Usa	Tel. 1/888/6279797	Fax 1/425/4382799
<b>Pluriservice SpA</b> www.pluriservice.it	<b>MF, D, SI -BC, RFID -M (L, TTR), P (CP, I), S (HH, FX, I), T (RF, BT, VT), SW</b> via Grandi, 5 - Z.I. Bassette, 48100 Ravenna, RV, Italy	Tel. 39/544/456669	Fax 39/544/688954
<b>Precision Dynamics Corporation</b> www.pdcorp.com	<b>MF -RFID, BC -C (CL, SM), M (L, SL), TAG (MK, RF&lt;HF, UHF&gt;)</b> 27770 N Entertainment Dr. Suite #200, 91355 Valencia, CA, Usa	Tel. 1/661/257/0233	Fax 1/818/899/4045
<b>Printronic Inc</b> www.printronic.com	<b>MF -BC -P (CP, I)</b> 14600 Myford Road, 92623 Irvine, CA, Usa	Tel. 1/714/3682300	Fax 1/714/3682600
<b>Psion Teklogix</b> www.pSION.com	<b>MF -BC, DC, RFID -R (HH, RF, I), S (OCR), T (FX, BT, VT), P, VR</b> 2100 Meadowvale Blvd, L5N 7J9 Mississauga, ON, Canada	Tel. 1/905/813/9900	Fax 1/905/812/6275
<b>RF Code</b> www.rfcode.com	<b>MF -RFID -TAG (RF), R (RF), SW</b> 9229 Waterford Centre Blvd., Suite 500, 78758 Austin, TX, Usa	Tel. 1/512/439/2200	Fax 1/512/439/2199
<b>Ricoh Company Ltd</b> www.ricoh.com	<b>MF -BC -M (L, TTR)</b> 13-1, Ginza 8-chome, 104-8222 Chuo-ku, Tokyo, Japan	Tel. 81/3/6278/2111	Fax 81/3/6278/2997
<b>Sato Corporation</b> www.sato.co.jp	<b>MF -RFID, DC -M (L), TAG (RF&lt;LF, HF, UHF&gt;), P (CP, I, TTR), SW</b> 21-3, Ebisu 1-chome, 150-0013 Shibuya-ku, Tokyo, Japan	Tel. 81/3/54494401	Fax 81/3/38644464
<b>Savi Technology</b> www.savi.com	<b>MF, SH -RFID -TAG (RF), R (RF), SW</b> 351 East Evelyn Ave. , 94041 Mountain View, CA, Usa	Tel. 1/408/7438000	Fax 1/408/5438650
<b>Scandit</b> www.scandit.com	<b>MF, SH -BC, DC -S, R (BC, HH, I, OCR, OPT, POS, SM), MV, SW</b> Thurwiesenstrasse 8, 8037 Zurich, Switzerland	Tel. 41/44/586/4540	Fax 1/617/284/6565

## 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

<b>Scansource Inc</b> www.scansource.com	<b>D -BC, RFID -S (HH, FX/I/POS), P (I, CP), T (RF, BT), M (L, TTR)</b> 6 Logue Ct, 29615 Greenville, SC, Usa	Tel. 1/864/2882432	Fax 1/864/2885515
<b>Scemtec Transponder Technology GmbH</b> www.scemtec.com	<b>MF -RFID -TAG (RF&lt;LF, HF, UHF&gt;), R (HH, FX, RF, I), T (RF), SW</b> Gewerbeparkstrasse 20, 51580 Reichshof-Wehnrath, Germany	Tel. 49/2265/9960	Fax 49/2265/996-699
<b>Seagull Scientific Inc</b> www.seagullscientific.com	<b>SH -BC, RFID -SW</b> 1616 148th Avenue SE, 98007 Bellevue, WA, Usa	Tel. 1/425/6411408	Fax 1/425/6411599
<b>Selectamark Security Systems Plc</b> www.selectamark.co.uk	<b>MF, D -RFID, BC -TAG (MK, DNA, RF&lt;LF, UHF&gt;), R (HH, FX)</b> 1 Locks Court, 429 Crofton Rd, BR6 8NL Locksbottom, Kent, UK	Tel. 44/1689/860757	Fax 44/1689/860693
<b>Sick AG</b> www.sick.com	<b>MF -BC, RFID -R (RF), S (HH, FX, I)</b> Erwin-Sick-Str. 1, 79183 Waldkirch, Germany	Tel. 49/7681/2020	Fax 49/7681/202/3863
<b>Sinel Systems</b> www.sinel.com	<b>MF, D -BC, DC, RFID -M (L, SL, TTR, H, I), TAG (RF), P (CP, I, TTR), R (HH, FX, I), S (HH, FX, I), T (HH, FX, RF, I, BT, BC), SW</b> Adva. Castell de Barbera, 37-41. Centro Ind. Santiga, 08210 Barbera del Valles (Barcelona), Spain	Tel. 34/93/745/2100	Fax 34/93/745/2101
<b>SkyeTek</b> www.skyetek.com	<b>MF -RFID, C -R (HH, FX, RF, I), SW, A</b> 11030 Circle Point Road, Suite 300, 80020 Westminster, CO, Usa	Tel. 1/720/5650441	Fax 1/720/5658989
<b>Socket Mobile</b> www.socketmobile.com	<b>MF -BC, DC, RFID -R (HH, RF), S (HH, POS), T (HH, RF, BC, POS), SW</b> 39700 Eureka Drive, 94560 Newark, CA, Usa	Tel. 1/510/9333000	Fax 1/510/93330307
<b>Szst Electronics Group</b> www.szst.com	<b>MF -C, DC -C (MG, SM), R, P, T (HH, BC, POS), SW, EP, GP</b> 5/F, West Coast Bldg, Nan You Rd, 518054 Nan Shan District, Shenzhen, Guangdong, China	Tel. 86/755/26490094	Fax 86/755/26490099
<b>Take Supply Chain</b> www.takesupplychain.com	<b>SH -RFID, DC, BC -SW, TAG (RF), M (L, SL), T (BC, RF, HH, VR)</b> 6805 Capital of Texas Hwy - Suite 370, 78731 Austin, Texas, Usa	Tel. 1/512/2318191	Fax 1/512/2310292
<b>Teklynx International</b> www.teklynx.eu	<b>SH -BC, DC -T (BC), SW</b> Chemin de Naréoux, 32000 Auch, France	Tel. 33/562/601080	Fax 33/562/601089
<b>Tharo Systems Inc</b> www.tharo.com	<b>MF, SH, D -BC, RFID -M (L, TTR), P (CP, I, TTR), SW, MC</b> 2866 Nationwide Parkway, P. O. Box 798, 44212-0798 Brunswick, OH, Usa	Tel. 1/330/2734408	Fax 1/330/2250099
<b>ToP Tunniste Oy</b> www.toptunniste.fi	<b>SI, VAR, D -DC, RFID -C (CL), M (SL), TAG (RF &lt;HF, UHF&gt;), A, P (TTR), R (HH, FX, RF), T (HH, FX, RF), EP, GP, SW</b> Hermiankatu 6-8 H, 33720 Tampere, Finland	Tel. 358/10/8410330	Fax 358/10/8410331
<b>Toshiba TEC Europe RIS</b> www.toshibatec-eu.com	<b>MF -BC, RFID -M (TTR), TAG (RF&lt;UHF, MW&gt;), P (CP, I, TTR), T (BC, POS), SW</b> Rue de la Célidée 33, Celideestraat 33, 1080 Brussels, Belgium	Tel. 32/2/4102100	Fax 32/2/4107987
	Toshiba Tec Europe Retail Information Systems, headquartered in Brussels, was created by grouping together all European operations for retail computerization and barcode printers in October 2000. We have operational branches in Belgium, Germany, France, Ireland, the Netherlands, Portugal, Austria, Spain and the United Kingdom, and subsidiary companies in Italy and Poland. As a member of the Toshiba Tec Corporation based in Japan, Toshiba Tec Europe has financial stability from one of the world's leading technology companies, while still retaining the high levels of customer service and efficiency usually associated with smaller organizations.		
<b>Toyota Tsusho ID Systems GmbH</b> www.ttidsystems.com	<b>D -BC, DC -R (HH), S (HH, I), T (BC, BT, RF, HH, I)</b> Immermannstrasse 65 B, 40210 Düsseldorf, NRW, Germany	Tel. 49/211 88 252 450	Fax 49/211 88 252 502

<b>Trix Tecnologia Ltd</b> www.xpto.com.br	<b>MF, SI -C, B -P, S (HH,FX), T (RF, BT, FP)</b> rua da Paz, 1957 Ch Sto Antônio, 04713 002 Sao Paulo, SP, Brazil	Tel. 55/11/33652000	Fax 55/11/33652070
<b>TTR Euroworks BV</b> www.ttr.nl	<b>MF, VAR, D -BC -M (L, TTR, H), P (TTR)</b> Ohmweg 9a, 2952 BD Alblasserdam, The Netherlands	Tel. 31/78/6932000	Fax 31/78/6932020
<b>Two Technologies, Inc.</b> www.2T.com	<b>MF -DC, RFID -T (HH, RF, I, BC, BT)</b> 419 Sargon Way, 19044 Horsham, PA, Usa	Tel. 1/215/4415305	Fax 1/215/4410423
<b>Unitech Electronics Co Ltd</b> www.unitech.com.tw	<b>MF -BC, DC -T (BC, BT)</b> 3Fl., No. 236, Shinhu 2nd Rd., Neihu Chiu, 114 Taipei, Taiwan	Tel. 886/2/2796/2345	Fax 886/2/8791/9608
<b>Verisign</b> www.verisign.com	<b>SI -C, DC, RFID -C, SW</b> 487 E. Middlefield Road, 94043 Mountain View, Usa	Tel. 1/650/4263535	
<b>Videojet Technologies Inc</b> www.videojet.com	<b>MF -BC -TAG (MK), M (L, TTR), P (I, TTR)</b> 1500 Mittel Blvd, 60191-1073 Wood Dale, IL, Usa	Tel. 1/630/8607300	Fax 1/630/800/582/1343
<b>Vitronic Stein Bildverarbeitungssysteme</b> www.vitronic.com	<b>MF -BC, DC -R (I, OCR), S (I, OCR), MV</b> Hasengartenstrasse 14, 65189 Wiesbaden, Germany	Tel. 49/611/71520	Fax 49/611/7152133
<b>WCC Smart Search &amp; Match</b> www.wcc-group.com	<b>MF -B, DC -SW</b> Zonnebaan 19, 3542 EA Utrecht , The Netherlands	Tel. 31/30/7503200	Fax 31/30/7503299
<b>WiseKey</b> www.wisekey.com	<b>MF, SH - C, DC -T (VF), SW</b> World Trade Center II, 29, Route de Pré-Bois, P.O. Box 853, CH- 1215 Genève 15, Switzerland	Tel. 41/22/594/3000	
<b>Zebra Technologies Corporation</b> www.zebra.com	<b>MF -BC, RFID, C -P, M (L, SL)</b> 333 Corporate Woods Parkway, 60061-3109 Vernon Hills, IL, Usa	Tel. 1/847/6346700	Fax 1/847/9138766
<b>Zetes BV</b> www.zetes.nl	<b>SI -B, C, BC, DC, RFID, RTLS -C (SM, CL), M (L, SL, TTR, I), TAG (RF&lt;LF, HF, UHF&gt;), A, P (CP, I, TTR), R (HH, FX, RF, I), S (HH, FX, POS, I, OCR), T (HH, FX, RF, I, BT, BC, POS, VT, VF), VR, SW, EP</b> Science Park Eindhoven, Ekkersrijt 5202, 5692 EG Son, The Netherlands	Tel. 31/40/8444444	Fax 31/40/8444455
<b>Zucchetti Axxess TMC SpA</b> www.axesstmc.com	<b>MF -BC, C, RFID, B, DC -C (MG, CL, FP), R (HH), T (BC, FP)</b> Via della Filanda, 22, 40133 Bologna, BO, Italy	Tel. 39/051/3519311	Fax 39/051/3519399

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