



Top **50** **Suppliers**

2015

Mobile Authentication

As the use and application of mobile devices become widespread, data security technology is leaping ahead in areas such as advanced biometrics authentication, innovative auto ID applications for mobile transactions, NFC and credentialing via mobile. This trend embraces mobile based transactional payments and EMV, digital inclusion via mobile in both developed and emerging countries, authentication for access to

services in both public and private sectors, as well as contactless payment, e-commerce and mobile wallets. Privacy and the protection of digital data are therefore key. Our Top 50 Suppliers in Mobile Authentication directory highlights companies who are active in this space providing chips, inlays, cards, labels, handsets, readers, terminals, operating systems, data collection, personalization equipment, hardware and software.

- » **Digital consumer eco systems**
- » **Combating cyber-crime**

MOBILE AUTHENTICATION TOP 50

Solutions				Tech./Products			Business				
Credentialing	Identity and access management	Risk intelligence	e-commerce	Mobile wallets	Secure technologies	Contactless and NFC	Integrator	Payment provider	Software manufacturer	Hardware manufacturer	Chip, card or component manufacturer

ACI Payment Systems	www.aciworldwide.com				✓		✓	✓	✓		✓		
Advanced Card Systems	www.acs.com				✓		✓					✓	✓
Airtag	www.airtag.com				✓			✓			✓		
Alcatel Mobile	www.alcatel-mobilephones.com					✓					✓		
Atos Worldline	www.atosworldline.com				✓			✓				✓	
Authasas	www.authasas.com		✓				✓				✓	✓	
Barnes International	www.barnes-international.com						✓	✓			✓		
Biometry.com	www.biometry.com	✓					✓				✓		
Boku Mobile Payments	www.boku.com				✓						✓		
CA Technologies	www.ca.com	✓					✓				✓		
Cassis	www.cassis-intl.com				✓			✓			✓		
Citi Wallet	online.citibank.com					✓	✓			✓			
CGI	www.cgi.com				✓						✓		
Clear2Pay	www.clear2pay.com				✓			✓			✓		
Confident Technologies	www.confidenttechnologies.com				✓		✓				✓		
Dermalog	www.dermalog.com	✓			✓		✓					✓	✓
EDAPS Overseas	www.innovationindustrialgroup.com		✓					✓			✓		
Gemalto	www.gemalto.com						✓	✓			✓		✓
Giesecke & Devrient SFS	www.gi-de.com						✓	✓				✓	✓
Google Wallet	www.google.com					✓				✓			
HP	www.8.hp.com	✓		✓			✓				✓	✓	
Identive	www.identive-group.com	✓					✓	✓					✓
Infineon Technologies	www.infineon.com		✓					✓	✓				✓
Ingenico	www.ingenico.com							✓				✓	
Inside Secure	www.insidesecond.com	✓			✓		✓	✓			✓		✓
Iovation	www.iovation.com			✓							✓		
MagTek	www.magtek.com										✓	✓	
Microsoft Mobile	www.microsoft.com										✓		
Monitise Group	www.monitisegroup.com				✓		✓				✓		

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Morpho	www.morpho.com	✓				✓	✓			✓	✓	
NXP Semiconductors	www.nxp.com					✓	✓	✓				✓
Oberthur Technologies	www.oberthur.com	✓			✓	✓	✓			✓	✓	✓
Obopay	www.obopay.com				✓	✓				✓		
PassGo Technologies	www.quest.com		✓			✓				✓		
PayPal	www.paypal.com							✓				
Payter	www.payter.com				✓		✓			✓		
Revere Group	www.reveregroup.com				✓		✓			✓		
RSA	www.rsa.com	✓		✓		✓				✓	✓	
Samsung UK	www.samsung.com									✓	✓	✓
SecurEnvoy	www.securenvoy.com	✓						✓		✓		
SICPA Security Solutions	www.sicpa.com	✓		✓		✓		✓		✓		✓
Sybase	www.sybase.com				✓					✓		
Symantec	www.symantec.com	✓			✓	✓				✓		
Tagattitude	www.tagattitude.fr					✓				✓		
ThreatMetrix	www.threatmetrix.com			✓		✓				✓		
UL Transaction Security	www.ul-ts.com				✓	✓				✓		
Vasco	www.vasco.com	✓				✓				✓		
VeriFone	www.verifone.com						✓			✓	✓	
Verizon	www.verizonbusiness.com		✓					✓		✓	✓	
Voice Commerce Group	www.voicecommercegroup.com	✓			✓	✓		✓				

LEGENDA

SOLUTIONS

CR = Credentialing
IAM = Identity and access management
RI = Risk intelligence
E-COM = e-commerce

TECHNOLOGY/PRODUCTS

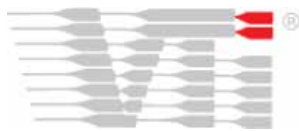
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EDAPS Overseas Ltd.

Mobilizing your electronic identity with your NFC phone



Solutions

- Identity and access management

Technology

- Contactless and NFC

Business

- Software manufacturer

Whether it is for e-booking or online services, any organization with an online presence - government agencies, financial institutions, e-commerce companies - prepare to better service customers from the mobile channel.

To facilitate mobile services, a smart phone can get access to our electronic identity – ePassport, eID card, eDriver Licence, any electronic NFC-compatible or ICAO-compliant credential – and make it mobile.

The KP VTI has developed the eCredential mobile application that turns an NFC-capable smart phone into a portable device that can verify the authenticity of electronic identity document, read data from identity document chip and display them, help in the facial identification.

eCredential mobile application

Our application combines two things that we have with ourselves: a NFC phone and an identity document – to create a mobile identity. You need no more than eCredential running on a NFC phone to get access to your identity document.

ICAO-compliant ePassport and eID - called MRTD by ICAO Doc 9303 - contain a contactless chip ISO-14443 and are fully NFC-compatible. The NFC-capable phone displays the document data: biographic data, photo-

Supplemental Access Control (SAC) and Extended Access Control (EAC).

The application implements the Basic access control (BAC) and Supplemental Access Control (SAC) protocol to establish a secure communication with a chip.

To encrypt the communication, a phone can read the document data in a machine readable zone (MRZ) or in a barcode on a passport or card.

The application provides an interface to upload certificates for passive authentication and for terminal authentication. In addition, it may be connected to a public key infrastructure (PKI) and a biometric verification system.

What are the opportunities for application usage?

- Self-Service Facilitation in e-commerce and e-government: to verify identity and enroll with credentials remotely in electronic on-line systems
- Portable Verification Stations in border control environments and law enforcement: to verify documents and identity on trains or cruise ships, to use by police guards and patrolling units in operative duty service.
- Software Component for System Builders: the applica-



To facilitate mobile services, a smart phone gets access to our electronic identity

graph, holder signature. Invisible national-proprietary optional notes are also available. The photo can be scaled into a full-screen size for maximum details recognition.

Security checks to authenticate the data on the electronic document chip

eCredential key functionality: secure cost-effective portable system that authenticate the data on the e-passport chip (ICAO mandatory Passive Authentication scheme) and verify the certificate chain.

eCredential application complies with ISO 7816 and ICAO 9303 and implements security mechanisms: Passive Authentication (PA), Basic Access Control (BAC),

tion offers API to integrate it as on-demand service in customer-developed applications and backend systems.

- A part of an enrolment procedure when installing a sensitive mobile application (eg. banking application), the phone user has to prove he has access to a legitimate and valid passport/ID-card.

- A part of two-factor authentication process to authenticate the user towards some online service, in which the user provides two means of identification from separate categories of credentials, such as a card and a security PIN code.

- A part of online enrollment when a definite piece of personal data shall be provided to authenticate for a specific transaction or session.

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Ukraine

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hq@kpvti.kiev.ua

MOBILE AUTHENTICATION TOP 50

ACI Payment Systems

www.aciworldwide.com
marketing@aciworldwide.com

E-COM, ST, CONT, SW, IN

Suite 300, 3520 Kraft Road, Naples, FL, 34105 - US

Tel. +1-402-390-7600

ACI Worldwide powers electronic payments for more than 800 financial institutions, retailers and processors around the world. ACI Mobile Enterprise Banker is a production-tested mobile banking phone solution that integrates with the ACI Enterprise Banker online solution. The solution leverages the interfaces and infrastructure already in place and provides a competitive mobile solution for banking functionality via a wide array of handheld devices.

Advanced Card Systems

www.acs.com.hk
info@acs.com.hk

E-COM, ST, HW, CM

Units 2010-2013, 20th Floor Chevalier Commercial Centre, 8 Wang Hoi Road, Kowloon Bay - Hong Kong Tel. +85 22 796 7873

Advanced Card Systems is a supplier of PC-linked smart card readers at the forefront of the smart card revolution. ACS develops a wide range of high quality smart card reading/writing devices, smart cards and related products and distributes them to over 100 countries worldwide. Applications include home banking and shopping, e-commerce, digital signature, identification, e-payment and e-ticketing for events and mass transit.

Airtag

www.airtag.com

E-COM, CONT, SW

1, Villa Le Mesnil, 92320 Chatillon - France

Tel. +33 1 41 33 02 00

Airtag provides contactless/NFC solutions to retailers and mobile carriers: embedded application (JavaCard), Application Platform (Applications lifecycle management) and NFC middleware Gateway for third parties. Airtag is hosted and supported in its R&D by Telecom Paris Entrepreneurs a Paris based start-up incubator.

Alcatel Mobile

www.alcatel-mobilephones.com
yaqi.zhang@tcl.com

WALL, SW

Immeuble Le Captiole, 55 avenue des Champs Pierreux, Nanterre 92000 - France

Tel. + 33 1 4652 6100

Alcatel is a leader in mobile, fixed, IP and Optics technologies, and a pioneer in applications and services. The Alcatel-Lucent Mobile Wallet Service (MWS) provides flexible payment and marketing (loyalty, coupon...) services to operators and enterprises in a white labeled SaaS model. The service is build-up of a mobile payment framework with generic application enablers like the mobile wallet and of various enabled mobile payment applications. The payment framework can handle triggers from a variety of sources (contactless, SMS, USSD, mobile application, web).

Atos Worldline

www.worldline.com
infoWL@worldline.com

E-COM, CONT, HW

River Ouest, 80 Quai Voltaire, 95870 Bezons - France

Tel. +33 1 73 26 00 00

Atos Worldline brings together Atos Origin's core expertise in hi-tech transactional services. A leader in end-to-end services for critical electronic transactions, Atos Worldline is specialized in electronic payment services (issuing, acquiring, payment solutions, terminals and card processing), services for financial markets as well as eCS (eServices for customers, citizens, and communities). Atos Worldline on-going commitments to research and innovation enable its customers to benefit from award-winning solutions in areas such as mobile payments, secure IPTV, online CRM and paperless solutions.

MOBILE AUTHENTICATION TOP 50

Authasas

www.authasas.com
info@authasas.com

IAM, ST, SW, HW

Asterweg 19D12, 1031 HL Amsterdam - The Netherlands

Tel. +31 88 2874000

Authasas is a software development and marketing company dedicated to delivering strong authentication to the global market-place. Created by a leadership team with decades of experience in providing strong authentication hardware and software, we have responded to market demand, and taken opportunities to develop strong authentication products with security, usability and manageability as our focus.

Barnes International

www.barnes-international.com
sales@barnestel.com

ST, CONT, SW

Cedar Court 5 College Street, Petersfield, Hampshire GU31 4AE - UK

Tel. +44 1730 231313

Barnes is a leading supplier of smart card test tools plus offers laboratory facilities and consultancy services to all market sectors in the global card and ticket industry. Barnes Test Tools are used to ensure accurate smartcard personalization for financial cards, tags and mobile payment applications issued for all major payment schemes - Amex, EMV, JCB, MasterCard (M/Chip and PayPass, CPV), Visa (VIS, VCPS, GCCPVR), Discover, Interac, PBOC and Personalization validation Tools; test script development for Transport (Contact and Contactless), Loyalty and GSM.

Biometry.com

www.biometry.com
w.blessing@biometry.com

CR, ST, SW

Chilcherlistrasse 1, CH-6055 Alpnach OW - Switzerland

Tel. +41 41 670 32 72



Highest usability for public acceptance is achieved with voice - verification during phone calls and face during SMS, obtaining weak trust. Highest trust by displaying four randomized words that the user speaks, with face, - voice- and speech verification simultaneously, fusing 12 thresholds. The level of trust is managed in an embedded App. Mobile - Payment, Physical - Access, Logical - Access or phone - functions are individually set depending to the % of trust.

Boku Mobile Payments

www.boku.com
bd@boku.com

E-COM, SW

P.O. Box 190725, San Francisco, California 94119 - USA

Tel. +1 650 515 6635

By working directly with mobile carriers the world over, Boku is establishing the standard for a new generation mobile payments platform that operates on a global scale, with a focus on security and reliability. The Boku service makes it easy to purchase online using your mobile phone number. Boku's goal is to bring bank-grade payments technology and mobile users together on the web, creating a trusted, viable and accessible market for consumers, merchants and carriers alike. The company reaches more than 2 billion consumers worldwide.

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MOBILE AUTHENTICATION TOP 50

CA Technologies

www.ca.com
info@ca.com

CR, ST, SW

One CA Plaza, Islandia, NY 11749 - USA

Tel. +1 800 225 5224

CA Advanced Authentication solutions provide a variety of two-factor and risk-based authentication methods to help prevent breaches and fraud. The company utilizes patented technology to secure its software credentials and help leverage the deployment, support and user convenience benefits of a software-based authentication system. CA Technologies delivers these advanced authentication solutions on-premise or as cloud-based services.

Cassis

www.cassis-intl.com
jp.betoin@cassis-intl.com

E-COM, CONT, SW

10 Jalan Kilang 7, Sime Darby Enterprise Center, Singapore 159410 - Singapore

Tel. +65 6776 2077

Cassis International is a global leader in trusted services for mobile commerce and near field communication (NFC). Cassis offers "telephone company grade" NFC software and platforms that securely provisions multiple types of accounts to mobile phones. Cassis has unrivaled experience around the world enabling contactless and mobile payments, ticketing, loyalty, rewards and other applications onto phones. Headquartered in Singapore, with operations in Asia/Pacific, Europe and the Americas, Cassis serves a global customer base of leading mobile operators, card issuers, transit agencies, and other service providers.

Citi Wallet

online.citibank.com
nina.das@citi.com

WALL, ST, PAY

400 Park Avenue, New York, NY - USA

Tel. +1 210 677 0065

Citi, is a leading global financial services company, providing consumers, corporations, governments and institutions with a broad range of financial products and services, including consumer banking and credit, corporate and investment banking, securities brokerage, transaction services, and wealth management. Citi collaborated with Google, MasterCard, First Data and Sprint to launch a new technology allowing Citi customers to make seamless purchases with the wave of an Android phone at point-of-sale, called the Google Wallet. Another service, World Wallet, allows next business-day delivery of foreign currencies.

CGI

www.cgi.com

E-COM, SW

1350 René-Lévesque Boulevard West, 15th floor, Montreal H3G 1T4 - Canada

Tel. +1 514-841-3200

CGI is a global mobile solutions company, leading in mobile messaging and mobile payments. The company's mobile payments solution is a simple solution that enables secure anytime, anywhere, payments. It works on all types of handsets and networks (GSM, CDMA), and allows transactions to be carried out in multiple languages. Logica Priam uses the ubiquity of the SMS, and enhances it with Interactive Voice Response (IVR) capability, so as to cater to a wide spectrum of users speaking different languages.

Clear2Pay

www.clear2pay.com
info@clear2pay.com

E-COM, CONT, SW

De Kleetlaan 6A, 1831 Diegem, Brussels- Belgium

Tel. +32 2 402 52 00

Clear2Pay is a payments modernization company that actively supports many global financial institutions to meet their payments unification goals through its pure SOA Open Payment Framework. Our Open Card System (OCS) is a complete solution for your card payment processing. OCS works across all channels from traditional ATM, branch and POS, to the emerging fields of e-commerce, mobile and NFC.

MOBILE AUTHENTICATION TOP 50

Confident Technologies

www.confidenttechnologies.com
support@confidenttechnologies.com

E-COM, ST, SW

265 Santa Helena 105, Solana Beach, CA 92075 - USA

Tel. +1 858 345 5640

Confident Technologies provides intuitive and secure, image-based authentication solutions for consumer-facing websites, Web applications and mobile devices. Our solutions enable organizations to increase security without sacrificing ease-of-use for the customer. Image-based authentication can be used as a stand-alone replacement for traditional authentication methods including as passwords, tokens, smart cards and security challenge questions.

Dermalog

www.dermalog.com
info@dermalog.com

CR, E-COM, ST, HW, CM

Mittelweg 120, 20148 Hamburg - Germany

Tel. +49 40 413227 0



As a pioneer in biometric research and development, Dermalog has been a frontrunner in this field for more than 25 years - facilitating a whole new world of security products for law enforcement, access control, data security, ID cards, authorization, authentication and mobile security. Dermalog is synonymous for superior products for personal identification and verification of the unique individual, such as large scale automated fingerprint identification systems, fingerprint scanners, biometric payment systems, border control and ID card systems.

EDAPS Overseas Ltd.

www.innovationindustrialgroup.com

IAM, CONT, SW

Building Z-2, Executive suite 85, SAIF Zone, Sharjah a/p, P.O. Box 8590, Sharjah, UAE

Tel. +971 6557 0725

KP VTI has developed the eCredential mobile application that turns an NFC-capable smart phone into a portable device that can verify the authenticity of electronic identity document, read data from identity document chip and display them, help in the facial identification.

Gemalto

www.gemalto.com

CONT, ST, SW, CM

6 rue de la Verrerie, Meudon Cedex 92197 - France

Tel. +33 4 42 36 46 05



Gemalto, a global leader in digital security, has developed a UICC-embedded software application compliant with Mobile MasterCard PayPass M/Chip 4, the brand new MasterCard payment specification designed for mobile near field communications (NFC). The software application and the UICC have both successfully achieved the compliance assessment and security testing certification in accordance with MasterCard's highest chip security requirements. Gemalto delivers on emerging applications related to the 'Internet of things' by supplying wireless modules and machine identification modules (MIM) for machine-to-machine communication.

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MOBILE AUTHENTICATION TOP 50

Giesecke & Devrient SFS

www.gi-de.com
info@gi-de.com



ST, CONT, HW, CM

Prinzregentenstr. 159, 81677 Munich - Germany

Tel. +49 89 4119 0

Giesecke & Devrient Secure Flash Solutions (G&D SFS) is a joint venture between Giesecke & Devrient (G&D), the international smartcard specialist, and Phison Electronics Corp, the market leader in USB drive and memory card controllers. G&D SFS develops, manufactures, and markets products incorporating flash memory components designed to enhance security, safeguard digital content, and protect identities. G&D SFS's products include the Mobile Security Card, a secure microSD card with integrated smartcard technology, as well as the secure USB drives "SafeToGo".

Google Wallet

www.google.com
press@google.com

WALL, PAY

1600 Amphitheatre Parkway, Mountain View, CA94043 - USA

Google Wallet uses near field communication (NFC) technology -- already embedded in newer smartphones and planned for more models -- to authenticate buyers and process their transactions, making possible faster and more convenient shopping at retail. Google collaborated with MasterCard, First Data, Sprint and Citi, who see mobile payments as a logical extension of their mobile banking offerings. Google Wallet supports payments via PayPass-eligible MasterCard cards issued by Citi, and via the Google Prepaid Card and represents a customer-driven mobile payments solution.

HP

www.hp.com
www.hp.com/us/en/contact

CR, RI, ST, SW, HW

3000 Hanover Street, Palo Alto, CA 94304-1185 - USA

Tel. +1 650 857 1501

HP creates new possibilities for technology to have a meaningful impact on people, businesses, governments and society. The world's largest technology company, HP brings together a portfolio that spans printing, personal computing, software, services and IT infrastructure to solve customer problems. HP's newest-generation security label allow customers to verify the authenticity of the product using HP Mobile Authentication and an internet connected device.

Identive

www.identive-group.com
info@identive-group.com

CR, ST, CONT, CM

1900-B Carnegie Avenue, Santa Ana, California 95118 - USA

Tel. +1 949 250 888

Identive's products and solutions deliver trusted access for the connected world -- at the door, on the desktop, via mobile devices and through the cloud. Our broad array of mobile reader and token solutions deliver secure mobile authentication for corporate ID programs, protect high-assurance government environments, secure networks and websites, and enable citizen ID applications. Our FIPS 201 approved iAuthenticate readers for Android and Apple devices enable secure BYOD authentication for smart credentials including PIV and CAC cards.

Infineon Technologies

www.infineon.com
info@infineon.com

IAM, CONT, IN, CM

Am Campeon 1-12, 85579 Neubiberg - Germany

Tel. +49 89 23423424

Infineon Technologies provides security solutions for the mobile and connected society. The company is a global leader for security microcontrollers for 15 consecutive years. Based on its core competencies in the fields of security contactless communication and integrated microcontroller solutions (embedded control), Infineon offers an extensive portfolio of semiconductor-based security products for a wide range of chip card and security applications.

MOBILE AUTHENTICATION TOP 50

Ingenico

www.ingenico.com
info.us@ingenico.com

CONT, HW

Ingenico USA, 6195 Shiloh Road, Suite D, Alpharetta, GA 30005 - USA

Tel. +1 678 456 1200

Ingenico is a leading provider of payment solutions and has been involved from the outset in a number of contactless projects, and is currently taking part in several deployments in the United Kingdom, United States, Spain, Italy, France, Turkey and Lebanon - to name just a few countries where the technology has been introduced. Ingenico has also rolled out new terminals - countertop, portable, mobile and contactless and offers more sophisticated software designed to facilitate terminal estate management and application development.

Inside Secure

www.insidesecond.com
info@insidesecond.com

CR, E-COM, ST, CONT, SW, CM

Rue de la carrière de Bachasson, Lieu dit Bachasson, 13590 Meyreuil - France

Tel. +33 4 42 39 33 01



Inside Secure is a leading designer, developer and supplier of semiconductors, embedded software and platforms for secure transactions and digital security. Inside mobile NFC, secure payment, and digital security products provide security for a wide range of information processing, storage and transmission applications. The company's customers are found in a wide range of markets including mobile payment, identification documents, access control, transit, electronic device manufacturing, pay television and mobile service operators.

Iovation

www.iovation.com
info@iovation.com

RI, SW

111 SW 5th Avenue, Suite 3200, Portland, OR 97204 - USA

Tel. +1 503 224 6010

iovation protects online businesses and their end users against fraud and abuse through an industry-leading combination of shared device reputation and real-time risk evaluation. More than 2,000 fraud managers around the globe leverage iovation's database of Internet devices and relationships between them to determine the level of risk associated with any type of online transaction. iovation provides complete protection against the risks posed by mobile devices. Combining through dozens of attributes—including (but not limited to) operating system, browser type, geolocation, stated and real IP address.

MagTek

www.magtek.com
info@magtek.com

SW, HW

1710 Apollo Court, Seal Beach, CA 90740 - USA

Tel. +1 562 546-6400

MagTek is a leading manufacturer of electronic devices and systems for the reliable issuance, reading, transmission and security of cards, checks, PINs and other identification documents. Its products include secure card readers, check scanners, PIN pads and distributed credential issuing systems. These products are used worldwide by financial institutions, retailers, hotels, law enforcement agencies and other organizations to provide secure and efficient electronic payment and identification transactions. MagTek's QuickPAY lets merchants protect sensitive cardholder data and process mobile payments using their Android phones or tableTel.

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MOBILE AUTHENTICATION TOP 50

Microsoft Mobile

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SW

1065 La Avenida, Mountain View, CA94043 - USA

Tel. +1 503 443 7070

Microsoft and its extensive range of partners such as M-Com, work with financial institutions and leading banking service providers to deliver solutions that enable a compelling user experience and coherent deployment models that are interoperable across mobile devices and operators. And by integrating this functionality to the core of the banks' payment applications, Microsoft lays a foundation for the growth of mobile banking and payments in any financial institution, anywhere.

Monitise Group

www.monitisegroup.com
gavin.haycock@monitisegroup.com

E-COM, ST, SW

95 Gresham Street, London EC2V 7NA - UK

Tel. +20 3657 0900

Monitise is a technology company delivering mobile banking, payments and commerce networks worldwide with the proven technology and expertise to enable financial institutions and other service providers to offer a wide range of services to their customers in developed and emerging markets. With live services in the UK, the US, India and Africa, the company is working with international partners to extend trusted and secure mobile banking, payment and commerce services in territories worldwide, including Europe, Asia Pacific and Latin America.

Morpho

www.morpho.com

CR, ST, CONT, SW, HW

Le Ponant de Paris 27, rue Leblanc Paris Cedex 1575512 - France

Tel. +33 1 58 11 89 62



Morpho is part of the international high technology group Safran. We benefit from first-hand access to the associated technologies being developed by the other members of the Safran group. Offering a one-stop shop solution, Morpho has been and is involved in many NFC trials and pilot projects around the globe involving payment, loyalty, ticketing and transport applications. Being a major player in the telecommunications and financial services industry, Morpho is also actively involved in standardization bodies and working groups.

NXP Semiconductors

www.nxp.com
info@nxp.com

ST, CONT, IN, CM

High Tech Campus 60, 5656 AG Eindhoven - The Netherlands

Tel. +1 408 568 0327

For improved and secure on-the-go experiences for smart, feature and low-cost phones, we support NFC and RFID standards, with top performers such as the PN544 second-generation NFC controller. With our high level of integration you have guaranteed interoperability with existing infrastructure. Comprehensive standard product portfolio NXP Semiconductors is a one-stop-shop for your standard components for camera, SIM and external memory interfaces. You will find the most complete range of standard products and global support.

Oberthur Technologies

www.oberthur.com
communications@oberthur.com

CR, E-COM, ST, CONT, SW, HW, CM

421 rue Estienne d'Orves, 92700 Colombes - France

Tel. +33 (0)1 55 46 72 00

Oberthur Technologies is a world leader in the field of secure technologies: systems development, solutions and services for smart cards (payment cards, SIM cards, access cards, NFC...) and for secure identity documents, traditional and electronic (identity card, passport, health care card), production of banknotes, cheques and other fiduciary documents, intelligent systems to secure cash-in-transit and ATM.

MOBILE AUTHENTICATION TOP 50

Obopay

www.obopay.com
Info@obopay.com

E-COM, ST, SW

2nd Floor, Golden Millennium, 69/1 Miller Road, Bangalore 52 - India

Tel. +91 80 4147 2771

Obopay is a worldwide provider of comprehensive mobile payment solutions, which enable live mobile money services that help major brands launch new products and services. By partnering with Obopay, financial institutions, mobile network operators, payment networks, handset manufacturers and merchant acquirers and gateways, can leverage its proven technologies and expertise that address use cases in both developed and emerging markets throughout North America, Africa, and Asia.

PassGo Technologies

www.quest.com
info@quest.com

IAM, ST, SW

5 Polaris Way, Aliso Viejo, CA 92656 - USA

Tel. + 1 949 754 8000

PassGo Technologies, acquired by Quest Software, is a provider of identity and access management, privilege management, single sign-on, audit and password management software. Quest Software is a global software company offering a broad and deep selection of products that target common IT challenges.

Paypal

www.paypal.com
info@paypal.com

PAY

San Jose, CA - USA

Tel. +1 408 967 6122



PayPal enables any individual or business with an email address to send and receive payments online securely and easily using a bank account, credit card, debit card or stored balance. Because PayPal allows customers to shop online without sharing their financial information with merchants, privacy is built into the service. PayPal Mobile means users do not have to be at a computer to use PayPal - they can get the same benefits and convenience to pay via mobile phones.

Payter

www.payter.com

E-COM, CONT, SW

Beukelsdijk 107, Rotterdam AE3021 - The Netherlands

Tel. +31 45 3964 0587

Payter is a pioneer and leader in the field of contactless (NFC/Near Field Communication) and mobile technology. Payter provides sustainable solutions for identification, e-ticketing and e-payment - with pilots in Europe in the field of contactless mobile payments and mobile marketing. Payter focuses on solutions to connect the virtual and the real world. In addition to tailored services and the production of (customized) readers and terminals, Payter advises companies on the sustainable and safe integration of the contactless and mobile technologies.

LEGENDA

SOLUTIONS

CR = Credentialing
IAM = Identity and access management
RI = Risk intelligence
E-COM = e-commerce

TECHNOLOGY/PRODUCTS

WALL = Mobile wallets
ST = Secure technologies
CONT = Contactless and NFC

BUSINESS

IN = Integrator
PAY = Payment provider
SW = Software manufacturer
HW = Hardware manufacturer
CM = Chip, card or component manufacturer

MOBILE AUTHENTICATION TOP 50

Revere Group

www.reveregroup.com

E-COM, CONT, SW

325 N. LaSalle Street, Suite 325, Chicago, IL 60654 - USA

Tel. +1 312 873 3400

The Revere Group, an NTT Data Company and leading global business and IT consultancy firm, works with financial institutions to create mobile banking software and applications that do more than offer a slimmed-down version of the full website - they unlock the power of mobile devices with features like real-time transaction verification. Part of Revere, mPayy solutions include robust Open Fare Payments, Mobile & NFC Payments, Micro-Payments, stored value payments and other leading-edge transaction processing capabilities.

RSA

www.rsa.com

CR, RI, ST, SW, HW

174 Middlesex Turnpike, Bedford, MA 01730 - USA

Tel. +1 800-495-1095

RSA, the Security Division of EMC, is a provider of security, risk and compliance management solutions for business acceleration. RSA offers a wide range of strong two-factor authentication solutions to help organizations assure user identities and meet compliance requirements. Choices include one-time passwords, risk-based authentication, knowledge-based authentication and digital certificates. Solutions are available in a variety of form factors including hardware authenticators, software authenticators delivered across a range of mobile devices and platforms, out-of-band phone and SMS options, and site-to-user authentication.

Samsung UK

www.samsung.com
recruiteurope@samsung.com

SW, HW, CM

Samsung House1000, Hillswood Drive, Chertsey, Surrey KT16 0PS - UK

Tel. +44 1932 455 000

Samsung Electronics is a global leader in semiconductor, telecommunication, digital media and digital convergence technologies. Samsung and Visa bring the latest innovation in payment technology to the market as part of their sponsorships of London 2012, enabling consumers to make mobile payments using the Samsung Olympic and Paralympic Games mobile handset. The innovation will transform the payment experience in London and globally, enabling faster, more convenient payments via mobile phone.

SecurEnvoy

www.securenvoy.com
info@SecurEnvoy.com

CR, IN, SW

Merlin House, Brunel Road, Theale, Reading RG7 4AB - UK

Tel. + 44 845 2600010

SecurEnvoy is a global leader of Tokenless two-factor authentication. As the pioneers of mobile phone based Tokenless authentication, SecurEnvoy leads the way with ground breaking solutions through an innovative approach to the Tokenless market. With users deployed across five continents, our customers benefit from significant reduced time to deploy and a zero footprint approach means there is no remote software deployment and administrators enjoy the management tools allowing them to rapidly deploy up to 15000 users per hour.

SICPA Security Solutions

www.sicpa.com
security.solutions@sicpa.com

CR, RI, ST, IN, SW, CM

Av de Florissant 41, 1008 Prilly – Switzerland

Tel. +41 21 627 61 55



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.

MOBILE AUTHENTICATION TOP 50

Sybase

www.sybase.com
store_manager@sybase.com

E-COM, SW

One Sybase Drive, Dublin, CA94568 - USA

Tel. +1 978 287 1793

Sybase mPayments 365 allows operators banks and financial institutions to introduce new service offerings such as micro-payments, bill pay and top-ups. Customers can purchase goods from merchants, top-off credit balances for airtime, or make person-to-person payments, loan payments, bill payments and more. By enabling end-to-end mobile banking, mPayments provides software, services and messaging and financial institutions in developed and emerging markets can use mPayments for a mobile banking solution that supports all mobile transactions conducted by mobile phone.

Symantec

www.symantec.com
channel-partners@symantec.com

CR, E-COM, ST, SW

350 Ellis Street, Mountain View, CA 94043 -USA

Tel. +1 650-527-8000

Symantec is a global leader in providing security, storage and systems management solutions to help consumers and organizations secure and manage their information-driven world. Our software and services protect against more risks at more points, more completely and efficiently, enabling confidence wherever information is used or stored. Solutions include a dynamic one-time-password (OTP) credential app for the iPad that can be used in conjunction with a username and password to strengthen the security of online accounts protected by the VIP Authentication Service.

Tagattitude

www.tagattitude.fr
info@tagattitude.fr

ST, SW

4 rue de Chèvreloup, 78150 Rocquencourt - France

Tel. +33 1 39 23 13 40

Tagattitude specializes in mobile payment and security technologies. Its core offers are strong authentication solutions for web access and mobile payment solutions designed for un-banked populations. Tagattitude's NSDT (Near Sound Data Transfer) technology enables the instant use of any phone worldwide as payment tools and authentication devices: all handsets, all networks, no SMS, no downloads. NSDT uses the mobile phone's audio channel to transmit secure transaction data (OTP, electronic signatures, certificates...) and is protected by a portfolio of 9 international patents.

ThreatMetrix

www.threatmetrix.com
sales@threatmetrix.com

ST, RI, SW

160 W Santa Clara St, Suite 1400, San Jose, CA, 95113 - USA

Tel. +1 408 200 5755

ThreatMetrix is the a company which combines advanced device identification and malware detection in a single platform backed by a global network of shared intelligence. Delivered from the cloud, the ThreatMetrix Cybercrime Defender Platform helps businesses protect the integrity of online transactions, accounts and identities with layered and integrated defenses, while embeddable mobile threat intelligence defends mobile applications from fraud and criminal misuse.

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MOBILE AUTHENTICATION TOP 50

UL Transaction Security

www.ul-ts.com
info@ul-ts.com

E-COM, ST, SW

De Heyderweg 1, Leiden XZ2314 - Netherlands

Tel. +31 71 581 36 36

UL is a world leader in advancing safety with over a hundred years of history. Employing more than 10,000 professionals in over 100 countries, UL has five distinct business units - Product Safety, Environment, Life & Health, Knowledge Services and Verification Services - to meet the expanding needs of our customers and to deliver on our public safety mission.

Vasco

www.vasco.com
email: info-usa@vasco.com

CR, ST, SW

1901 South Meyers Road, Suite 210, Oakbrook Terrace, 60181 IL - USA

Tel. +1 630 932 8844

Vasco's is a world leader in strong authentication and e-signature solutions, specializing in online accounts, identities and transactions. In addition to the financial sector, VASCO's technologies secure sensitive information and transactions for the enterprise security, e-commerce and e-government industries. The strong authentication solution is a cost-effective and user-friendly tool that strengthens the security of mobile banking applications and promotes user acceptance of the mobile channel as a viable and safe one.

VeriFone

www.verifone.com
leah_roscoe@verifone.com

CONT, SW, HW

2099 Gateway Place, Suite 600, San Jose, CA95110 - USA

Tel. +1 408 232-7800

VeriFone is a global leader in secure electronic payment solutions, providing expertise, solutions and services that add value to the point of sale. VeriFone provides merchant-operated, consumer-facing and self-service payment systems for the financial, retail, hospitality, petroleum, government and healthcare industries. The company's solutions are utilized by merchants, processors and acquirers in developed and emerging economies worldwide. VeriFone has a range of wireless solutions that deliver the extended coverage and flexibility that merchants need to accept payment anytime, anywhere.

Verizon

www.verizonbusiness.com

IAM, IN, SW, HW

140 West Street, New York, NY 10007 - USA

Tel. +1 212 395 1000

Verizon offers identity management solutions to help you efficiently manage user identities across multiple systems and applications. Depending on your needs, we offer fully outsourced solutions, co-managed opportunities, or will help you build a comprehensive solution in-house. Our advanced mobility solutions combine leading mobile device and wireless technologies with proven IT and enterprise communications expertise. Our mobility platform does more than untether people—it brings a business together.

Voice Commerce Group

www.voicecommercegroup.com
info@voicecommercegroup.com

CR, E-COM, ST, PAY

CPC1, Capital Park, Cambridge, CB21 5XE - UK

Tel. +44 1223 550920

The Voice Commerce Group and its businesses established the global standards for the use and adoption of voice signatures in financial, transactional, identity and verification services, and our services are used and relied upon by business and consumers worldwide constantly. Companies within the Voice Commerce Group also provide a range of payment, e-commerce and mobile money services.