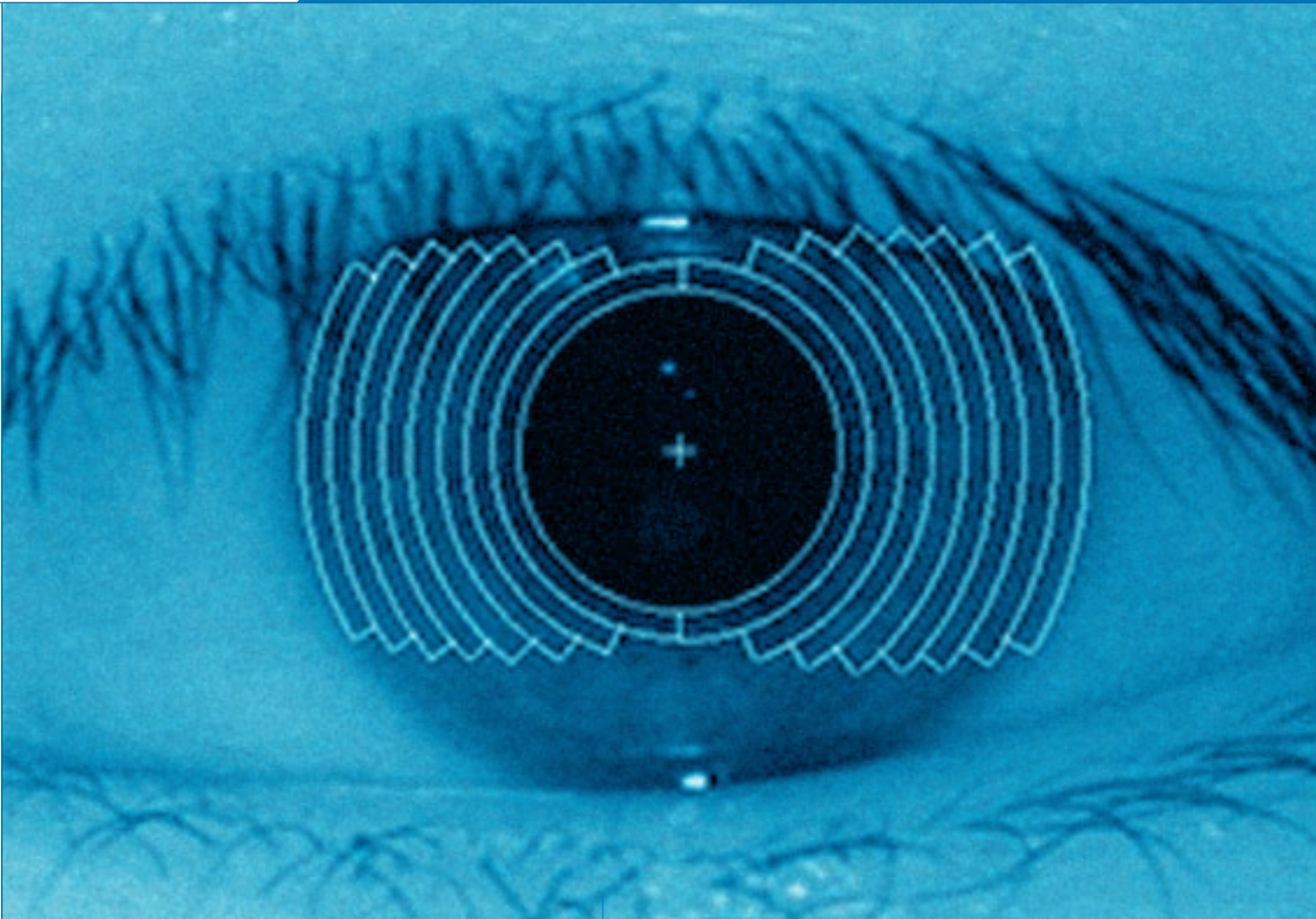




WORLD CUSTOMS ORGANIZATION

WCO BIOMETRICS 2005 Conference & Exhibition

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**Customs and Biometrics:
Security systems of the 21st Century**

**Location
World Customs Organization
Headquarters
Brussels, Belgium**

**Date
8-9 December 2005**

This newsletter is sponsored by





WHAT IS THE WCO

As the only intergovernmental organization with a unique Customs focus, the World Customs Organization (WCO) with its headquarters in Brussels currently has 168 Members across the globe at all stages of economic development that collectively process approximately 98% of world trade.

The WCO is particularly noted for its work in areas covering the security and facilitation of the trade supply chain, the development of global Customs standards, the simplification and harmonization of Customs procedures, trade facilitation, risk management, integrity promotion, valuation, origin, the Harmonized System goods nomenclature, and sustainable Customs capacity building initiatives.

Being the global centre of Customs expertise, the WCO provides an ideal forum for Customs administrations and their stakeholders to discuss, exchange experiences, and share best practices on a range of international Customs and trade issues.

Rue du Marché 30 – B-1210 Brussels – Belgium
Telephone: +32 (0)2 209 92 11 – Fax: +32 (0)2 209 92 62
E-mail : communication@wcoomd.org
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WCO Framework of standards to secure and facilitate global trade

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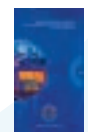
CD-Rom - World Customs Exhibition and Forum (Baku, Azerbaijan)

Enhancing international trade security through technology
Price: 50 € (Ref. 511)



CD-Rom - The WCO 2005 IT Conference & Exhibition

ICT for Customs – Bridging the gap?
Price: 50€ (Ref. 501)



“Customs Compendium» collection

Discover this unique collection of reference brochures on topical Customs issues. The first six volumes have already been published. Find out more about this collection on our website.



CD-Rom - The Harmonized System Commodity Database and Explanatory Notes

A comprehensive data base developed to help you classify goods correctly for Customs and statistical purposes in terms of the provisions of the HS.
Price: 430 € (Ref. 51 - single user) ; 970 € (Ref. 51.20 - 20 users)



New 2007 version of the Harmonized System

An essential tool for national and international economic operators.
Available in hard copy or CD-ROM
Price: 30 € (Ref.153 - hard copy or Ref. 601 - CD-ROM)



CD-Rom – Customs Valuation Compendium

Understand and interpret the WTO Agreement on Customs Valuation.
Price: 60 € (Ref.393)

View all our publications on our Web site: www.wcoomd.org,
or ask for our 2006 Publications Catalogue
Contact: publications@wcoomd.org



Dear Participant,

Today's international trade environment faces many challenges, the most important of which is to secure the trade supply chain from potential threats posed by global terrorism, the increase in trans-national organized crime, the alarming growth in counterfeit and pirated products, and numerous other illegal activities that have a devastating affect on the social and economic development of nations across the globe.

Faced by these challenges and the clamour for effective and coordinated action, the Customs community adopted a Framework of Standards to Secure and Facilitate Global Trade during June 2005, now known by the acronym SAFE – *Security and Facilitation of the Global Environment*.

Given the possibilities that biometric security solutions may have for effective border management by Customs and other competent agencies, and to facilitate the expeditious implementation of the SAFE programme globally, I am positive that this conference and exhibition will enable Customs administrations to familiarize themselves with biometrics whilst providing a platform for the private sector to present and showcase their biometric technology at a parallel exhibition.

Whether you are participating as a delegate, a speaker, a sponsor, or an exhibitor, I trust that you will enjoy WCO Biometrics 2005.

My warmest regards,

Michel Danet
Secretary General
World Customs Organization



GENERAL PROGRAMME OF THE CONFERENCE AND EXHIBITION

Thursday, 8 December 2005

08:30 – 09:30

Registration

09:30 – 17:00

Forum working hours

Moderator: Alain Boucar, Chief Superintendent, Belgian Federal Police

09:30 – 09:45

Official opening

Michel Danet, Secretary General,

World Customs Organization

Opening remarks - objective and scope of the conference

09:45 – 12:30

Session 1

Biometrics today: Scope, purpose and technology available

Mary K. McMunn, Chief, Facilitation Section

International Civil Aviation Organization (ICAO)

Machine readable passports with biometric enhancement: the ICAO standard

Dr. Nalini K. Ratha, Research Staff Member IBM Thomas J. Watson Research Center

Privacy enhancements to biometrics

Martin Walsh, Chief Legal Council

Daon

Leveraging biometric technology for border control

10:45 – 11:05

Coffee breaksponsored by IBM

Bill Willis, Technology & Business Development

ImageWare Systems, Inc

Agnostic approach to successful biometric identity management

Ben Aissa, Founder

American EPAY Inc.

GPRS Wireless Biometric devices in US labour markets

Marcia Jung

International Biometric Group

Overview of the biometric market and industry

Discussion

12:30 – 14:30

Lunch and networkingsponsored by IBM

14:30 – 16:30

Session 2

Biometrics under the spotlight: Benefits, constraints, and practical challenges involved in implementing and using the technology

Alexander Patijn

Former Legal Adviser to the Council of Europe

Collection and processing of biometric data - applying the principles of convention personal data protection

Dr. Frank Paul, Biometrics activities coordinator DG: Justice, Freedom & Security

European Commission

The impact of Biometrics on the immigration and border management process

Ellen Mulvenna, Director

Passenger Processing Systems

U.S. Customs and Border Protection

U.S. Customs and Border Protection use of Biometrics to secure and facilitate passenger and commercial operations

Mary K. McMunn, Chief, Facilitation Section

International Civil Aviation Organization (ICAO)

ICAO/ISO standards for machine readable travel documents including e-passports: current status and implementation issues

Discussion

16:30 – 17:00

Coffee and networkingsponsored by IBM

**Friday, 9th December 2005****08:30 – 09:30****Registration****09:30 – 16:00****Forum working hours**

Moderator: Alain Boucar, Chief Superintendent, Belgian Federal Police

09:30 – 12:15**Session 3****Biometrics in action: Practical examples of the use of the technology around the world**

Cyril Dujardin, Product Manager

Government Solutions Business Unit

SAGEM Défense Sécurité

Implementing multi-biometric border control in Australia, France, and the United Kingdom

Dr. Joseph Atick, President & CEO

Identix Inc.

Implementing a biometric solution for border security in Dubai (UAE) - lessons learned, trends & challenges on the horizon

Frits Bosch, Managing Director

*Dartagnan™ Biometric Solutions Enhancing security and facilitating users***10:40 – 11:00****Coffee break.....sponsored by IBM**

Ms Petra Spek, Ministry of Finance

Tax and Customs Administration

The Netherlands

Biometrics / Amsterdam Airport case study

Ronny Depoortere, Senior Vice-President

Zetes P.A.S.S.

Nationwide biometrics-based enrolment of Democratic Republic of Congo citizens

Albert Karaziwan, CEO

SEMLEX GROUP

*Chad - implementation and management of a secure system for producing and issuing national ID cards***Discussion****12:15 – 14:00****Lunch and networkingsponsored by IBM****14:00 – 16:00****Session 4****Biometrics in the future: Developments, future uses and research possibilities**

Pieter de Smet, Project Officer, Preparatory Action for Security Research

DG Enterprise and Industry

European Commission,

Security Research

Myriam Janssens, Research Administrator

DG Joint Research Centre, SERAC Unit

European Commission

Towards EU Electronic Passports

Professor Russell Cowburn

Professor of Nanotechnology, Dept of Physics Imperial College London

Research directed at expanding biometrics to secure and control traded goods

Etienne Devisch, General Manager

Hutchison Europe (Brussels Branch)

Hutchison Port Holdings

Smart and Secure Tradelanes - supply Chain Security

East West Institute

Discussion**15:30-16:00****Closing plenary session**

Michel Danet, Secretary General

World Customs Organization

*Closing remarks***16:00 – 16:30****Coffee and networkingsponsored by IBM**



Programme

Speakers' Biographies

**Michel DANET, World Customs Organization**

Prior to his election as WCO Secretary General by the Council in June 1998, Michel Danet worked in the French Customs Administration. During his career he occupied a number of senior posts in which he acquired a wealth of experience in Customs matters and international economic relations. He successively headed the Exchange Control Division of the National Customs Investigation Directorate, the Enforcement Office and the Information and Communication Office before becoming Assistant Director with responsibility for the Customs Union and international co-operation at the General Directorate of Customs and Indirect Taxation. He also served on secondment to the National Defence and Transport Section of France's Court of Audit. Michel Danet has been decorated Legion of Honour, Chevalier of Merit, and made an Officer of the Order of the Lion (Senegal).

**Alain BOUCAR, Belgian Federal Police (Conference Moderator)**

Alain BOUCAR is a Divisional Superintendent with the Belgian Federal Police Force, where he currently heads the Economic and Financial Directorate's Central Anti-Fraud Office. In addition to his police duties, he is also technical advisor to the Belgian ministries which are responsible for issuing "secure" documents. Most notably he is the father of the new Belgian passport, regarded as one of the best currently in circulation. He shares his vision of security with a large number of working groups dealing with this subject – in particular, he chaired the "Forged Documents" working group during the Belgian presidency of the EU. He is closely involved in the development of new technologies, and is an active participant in the E-Government and biometrics programmes which have made Belgium one of the leading countries in the field of identity and travel document security. Alain Boucar is regularly consulted by other countries and by the private sector in their fight against the use of forged documents.

**Mary K. McMUNN, International Civil Aviation Organization (ICAO)**

Ms. McMunn joined ICAO in 1995 after a 19-year career in the airline industry, in which she worked extensively in Customs legislative and regulatory issues. In ICAO she is responsible for the development and promotion of international standards to facilitate border-crossing formalities for aircraft, persons and goods in airports (Annex 9 to the Chicago Convention), as well as specifications for machine readable travel documents (ICAO Doc 9303 series). To do this she manages the work of the Facilitation (FAL) Division, the FAL Panel, and the Technical Advisory Group on Machine Readable Travel Documents, and conducts workshops and seminars for member States in the various ICAO Regions. Ms. McMunn holds a B.A. degree from Purdue University and a Master's degree from Thunderbird, the Garvin School of International Management.

**Nalini K. RATHA, IBM**

Dr. Nalini K. Ratha is a Research Staff Member at IBM Thomas J. Watson Research Center, Hawthorne where he leads the biometrics research efforts. He has published more than 50 journal and conference papers in biometrics related topics. In late 2003, he co-authored a popular book on biometrics "Guide to Biometrics" and also co-edited a book entitled "Automatic Fingerprint Recognition Systems". He has been involved with several academic conferences in the biometrics area such as IEEE AutoID 2002 (co-chair), SPIE Conf. on Biometrics for Human Identification 2004 and 2005 (as co-chair). Very recently, he was the co-chair of the IAPR sponsored AVBPA 2005 – a premier international conference in biometrics. He has been also co-inventor of six patents. He serves on the editorial board of IEEE Trans. on Image Processing, IEEE Trans. on Systems, Man, and Cybernetics – Part B and Pattern Recognition journals. He is currently a Senior Member of IEEE and member of ACM. He is a frequent speaker at the IBM Industry Solution Lab to address biometrics research and system design challenges of IBM customers. He has received several awards at IBM.

Bill WILLIS, SVP, Technology & Business Development

Bill Willis joined ImageWare in 2003 and is responsible for leading ImageWare's product development and acquisition initiatives, in addition to developing ImageWare's technical and strategic relationships. Willis brings ImageWare over 25 years of management and security technology experience in the government, transportation, financial, technology, petrochemical and pharmaceutical industries. Previously, Willis was chief technology officer at Iridian Technologies, a privately held biometric technology company, where he was responsible for all technology departments as well as Business Development. Earlier, Willis was the technology founder of Access360, which is now part of IBM/Tivoli.

**Ben AISSA, American EPAY Inc.**

Mr. Ben Aissa has a background of more than fifteen years in management, entrepreneurship and investments. He is experienced in starting, growing and owning companies in financial technologies, biometrics and payment transaction processing. He started his career as a software engineer in France, where he developed artificial intelligent robotic control software for automotive manufacturing. He then worked for Johnson Controls (Milwaukee – USA) where he managed technology for automation environments. In 1996, he started AB Internet Solutions, a services company specializing in custom technology projects for banks and financial institutions. In 1998, AB Internet Solutions was renamed to 1internet Corp. a company which offered Electronic Banking solutions for small to mid-sized banks. In early 2002, Mr. Ben Aissa founded Punch-To-Pay Inc (an American EPAY company) specializing in integrated payroll biometrics and card services for low wage hourly worker industries. Mr. Ben Aissa speaks six languages, holds a dual Masters in Electrical and Computer Engineering from the University of Wisconsin, and owns six US patents Mr. Ben Aissa also holds an MBA from Northwestern University Kellogg School of Management. He enjoys swimming, playing water polo and reading business books.



Alexander PATIJN, Council of Europe

Alexander Patijn has worked since 1973 for the Ministry of Justice of the Netherlands. He represented his country in many international meetings and negotiations of the European Union, the Council of Europe and the ICAO. He has been particularly involved in the preparation of international and national legislation on computer crime and privacy. He wrote, as scientific expert, the report of 2005 of the Council of Europe on the applicability of existing regulations for the new phenomenon of biometrics. Of special relevance is the Convention of 1981 of the Council of Europe on the protection of personal data which has been ratified by all countries of the European Union.



Frank PAUL, European Commission

Dr Frank PAUL heads the Unit «Large-scale IT systems» within the European Commission's Directorate-General Justice and Home Affairs. His unit deals mainly with EURODAC (an Automated Fingerprint Identification System), the development of the second-generation SIS (Schengen Information System, one of the biggest Border Control and Police Information systems worldwide); the future VIS (Visa Information System); as well as the feasibility aspects of the future European Penal Register. In addition, his unit is responsible for the general biometric co-ordination in the area of Justice and Home Affairs. Dr Paul has a legal background in German, French and International Law and joined the European Commission in 1993 as a Permanent Official. Coming from the Commission's Legal Service, he joined the then Task Force Justice and Home Affairs (now a Directorate-General) in 1998 and before his appointment as Head of Unit, worked as a project manager for EURODAC and on a variety of legal and organisational issues all related to Asylum and Immigration.



Ellen MULVENNA, U.S. Customs and Border Protection

Ms. Mulvenna has been employed by U.S. Customs and Border Protection (CBP), formerly the U.S. Customs Service, for over 30 years. She currently manages the Program Office responsible for systems supporting CBP Officers at the U.S. Ports of Entry. These systems include the biometric and biographic clearing of passengers at the air, land and marine ports; all air, land and marine trusted traveler programs operated by CBP; industry interfaces for Advanced Passenger Information (APIS) manifest data; and both inter-governmental and internal U.S. government data exchanges.

Cyril DUJARDIN, SAGEM Défense Sécurité,

Product Manager Government Solutions Business Unit

A graduate from the French engineering school Polytechnique, Cyril Dujardin's professional career in the Identity Business began at Certplus - a company specialised in digital ID and PKI - where he quickly became Marketing Manager. Shortly after Cyril joined Certplus, the company became the major player of the French PKI market and, in order to continue its growth, merged with a SAGEM Group subsidiary, to form Keynectis, a European operator of Trusted Services. The merger created opportunities for Cyril who decided to join SAGEM's Government Solutions Business Unit, the undisputed World Leader in the field of biometrics solutions. Today Cyril looks after SAGEM's offering in terms of identity cards, border control and travel documents.



Joseph ATICK, Identix Incorporated

Recognized as an unparalleled visionary and strategist, Dr. Atick has been at the forefront of some of technology's most significant breakthroughs over the last fifteen years. After co-founding Visionics in 1994, a private company and the leading developer of facial recognition technology worldwide, Dr. Atick steered the company through a successful merger with Digital Biometrics, a public company and the leader in biometric systems engineering and connectivity. Only one year later, he led the merger of Visionics with Identix, the recognized global leader in fingerprint identification to create the Identix company that we know today. Before his work with Identix, Dr. Atick led the Computational Neuroscience Laboratory at Rockefeller University and the Neural Cybernetics Group at the Institute for Advanced Study in Princeton, New Jersey, as they made a series of noteworthy achievements in understanding how the human brain processes information. From there, Dr. Atick co-founded and managed two other companies that focused on technology transfer and development. Over the years, Dr. Atick has served as a technical advisor to many high-tech enterprises and organizations, including NATO. He is a highly sought after speaker at high level industry conferences and a frequent commentator in the media. He has also been asked to testify several times before congressional committees. In January 2000 and then again in November 2001, Dr. Atick was recognized by MIT Technology Review and Business Week Magazine respectively, as an innovator at the forefront of the high-tech security field of biometrics as well as someone who exemplifies its potential and promise. Dr. Atick is a founding member of the International Biometrics Industry Association, a trade association dedicated to supporting and advancing the collective international interests of the biometric industry as a whole. He holds a Ph.D. in Mathematical Physics from Stanford University.



Frits BOSH, Dartagnan Biometric Solutions

In the late nineties Schiphol Group recognized the potential of biometric identification and authentication to enhance the operations at the airport. It developed and implemented systems and processes for both staff access and passengers. In 2001 it developed and built through its subsidiary Dartagnan Biometric Solutions the first fully automated commercial biometric border crossing based on iris scan technology which is managed as a program under the brand name Privium. Since the launch of the program it got a lot of international attention and is regarded as one of the few examples to date of a successful implementation of biometrics border crossing. Since then systems have been built in Indonesia. Also agreement has been reached between the US and NL governments to build a program to be launched in 2006 for the first Atlantic border crossing between the Schiphol Airport and JFK whereby prescreened trusted travelers can enter an exit both countries through fast lanes making use of biometric identification. Since 2004 Schiphol Airport has also implemented biometrics for its 75.000 workers to access the secure areas at the airport.



Ronny DEPOORTERE, Zetes P.A.S.S.

Ronny Depoortere, 37 years old, is married and father of three children. He is a civil engineer in electronics and obtained a Master in Business Administration degree in 1998. After having worked for 5 years as International Account and Sales Manager in the ICT and Network Integration Business, he was appointed General Manager of ACI Belgium in 1997. In 1999 he was asked to be the Managing Director and worldwide Vice-President for PKI-related business at Utimaco Safeware, thus stepping into the ICT security business. In 2002 he started the Zetes P.A.S.S. activities within Zetes Corporate, thus being in charge of all People ID projects Zetes deal with primarily in EMEA. Some of the best known projects are the Belgian electronic ID project, the nationwide biometrics registration of all Congolese citizens entitled to vote, the renewal of 10 million Be Social Security Cards and the service contract for 125.000 12-year old children receiving eID card readers for safe chat purposes.



Albert KARAZIWAN, CEO SAGEM GROUP

Albert Karaziwan is CEO of Semlex Group. He has been directing the successful implementation and management of the Chadian National Identity Card BOT contract and other ID system projects with various governments in Africa. He regularly advises the public sector on how to integrate biometric recognition solutions and other identification technologies to a complete ID document production and issuance system.



Pieter DE SMET, European Commission

Born 1962, married, two children. Studies: Master degree in Economics and Commercial Engineering, Antwerp University, Belgium, 1980-1985. 1986 to 1992: working in private sector companies 1992 to 2002: as a Belgian diplomat posted in Poland, Congo, Geneva and Research Counsellor at the Belgian Permanent Representation at the EU (1998-2002). Since 2002, civil servant in the European Commission, first in DG Research, now in DG Enterprise, in the Unit 'Preparatory Action for Security Research'.

Myriam JANSSENS, European Commission

Belgian national, married, two children. Master degree in Linguistics, with specialization in Computer Linguistics and Speech Technology applications and degree in Computer Sciences. 2 years as researcher and assistant project manager at Philips Defence and Control Systems on international radar projects. 14 years as R&T strategy and EU project co-ordinator at European Defence Industries Group, European trade association for industrial defence and security activity co-ordination. Now as research administrator at Joint Research Centre of the European Commission.



Russel COWBURN, Imperial College London

Professor Cowburn holds a Masters degree and PhD in Physics from the University of Cambridge, UK. He currently is Professor of Nanotechnology at Imperial College London, where he leads a large research group studying applications of nanotechnology to computer microchips, treatment of cancer and fraud detection. He is also Chief Technical Officer to Ingenia Technology Ltd (www.ingeniatechnology.com), which seeks to bring the Laser Surface Authentication technology to market.



Etienne DEVISCH, Hutchinson Europe

A Belgian national, he is married and has one son. He is a Master in Economic Sciences and has earned diplomas from Antwerp University in Maritime Law (1968), Marketing Management (1969), and Accountancy and Fiscal Law (1974). He was also awarded a diploma in 1975 by the Belgian Chamber of Accountants. Currently Director General of the Brussels Branch of Hutchinson Port Holdings, he has vast experience in shipping and logistics, and is deeply involved with most RFID and scanning applications for secure supply chains and the creation of so called "green lanes".



East West Institute

The mission of the EastWest Institute's Global Security Program is to assist Europe, the United States, Russia and others wishing to participate to reach a new level of cooperation across borders and sectors to enhance the security of their societies and achieve a greater regional and global stability and peace. Activities on the protection of people and infrastructure, and counter-terrorism under the Global Security Program bring together governments, the private sector and civil society to find a common response to the threat of international terrorism. The *Worldwide Security Conference* is an annual event that examines the problems of homeland security and justice and home affairs on both sides of the Atlantic, Eurasia and beyond. The conference is hosted by the World Customs Organization, and includes high-level representatives from governments, business and civil society. Sessions focus on the protection of people, critical infrastructure and economies. The Third Annual Worldwide Security Conference will take place in Brussels from 21-23 February 2006. For more information about the conference, please visit the conference website at <http://wsc.ewi.info>.



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IBM is a worldwide leader in solutions for the global customs and border management community. Through our Business Consulting Services, we bring extensive experience, innovative thinking, best practices, the resources of the entire IBM Corporation, and a global network of strategic relationships to help meet the complex economic, security and logistical challenges this community faces as part of the growing global economy. IBM has an exemplary record of providing cutting-edge solutions to government agencies around the world including: risk management, biometrics, case management, enterprise resource planning, multi-sensor intelligent surveillance, inter-agency collaboration, and RFID. In addition, our Component Business Model for Integrated Border Management provides a unique framework to link an organization's business model with key technologies and processes. To learn more about how IBM can help meet your organization's needs, please visit:

www.ibm.com/industries/government/CustomsPortsBorders

For Europe
Norbert W Kouwenhoven
Tel: 0031-20-513-7482
email: norbert.kouwenhoven@nl.ibm.com

For Global
Michael F Wilson
Tel: 001-914-766-3457
email: mfwilson@us.ibm.com

EXHIBITORS



BioWise is a vendor-independent biometric systems integrator. In order to achieve maximal productivity, BioWise has developed **open standard middleware components** that largely simplify and facilitate the integration of different biometric technologies in existing applications and that guarantee maximal lifetime of the solution. BioWise solutions combine **higher security** with **enhanced ease-of-use and comfort of the individual user**.

The BioWise engineering and development team has accumulated a large experience in working with different types of biometrics algorithms, devices and technologies. All staff members have **academic degrees or equivalent** by experience and have **extensive hands-on experience** in biometric systems integration with a variety of equipments and algorithms.

As a complement to its biometric authentication solutions, BioWise provides a functionally rich and **sophisticated traveller document validation software**. The modular design of this product is ideal to meet fast changing market requirements of the air traffic industry and national border police organizations. In addition, the open architecture of the system allows for fine grain customization and functional extensions tuned on individual organizations.

BioWise is **located in Belgium**, and is a full **daughter company of the French Ingénica Group**. BioWise has **direct access to resources within Ingénica Group** to support its ambitions of being a leading European biometric solution supplier.

BioWise has a track record in **delivering** sophisticated systems to highly demanding customers. BioWise has equipment installed in several airports in the United States and in France. Strategic alliances with leading industrial partners allow BioWise to seamlessly integrate its solutions in a variety of operational environments.

BioWise is a member of **L-Sec, the Leuven Security Excellence Consortium** and its research and development are supported by IWT Flanders under a SME innovation program.

BioWise NV/SA
André OEYEN, Managing Director
Is. Meyskensstraat 222 • B-1780 WEMMEL • BELGIUM
Mobile: +32 495 52 28 79 • Phone: +32 2 454 09 90 • Fax: +32 2 460 01 73
E-mail: aoeyen@bio-wise.com • Website: <http://www.bio-wise.com>

SECURITY APPLICATIONS

Your organization has security issues to contend with, and you are looking for solutions in the areas of personal identification (biometrics) and travel document (visa, passport, ...) authentication.

Security applications offer various benefits :

- facial recognition (biometrics) of individuals, combining a maximum identification rate with a minimum of inconvenience, and comparison with a databank of profiles and faces
- recognition of forged travel documents on the basis of logical criteria (several levels of security) and structural criteria (paper, protective film, etc.).

I.R.I.S. offers solutions for the identification of persons and the authentication of documents which have proved their worth with the Belgian Federal Police :

- identification of a person on the basis of recognizable, verifiable and unmistakable personal characteristics
- expert use of image processing and morphological recognition tools.

I.R.I.S. recommends the highest market standards.

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10 rue du Bosquet • B-1348 Louvain la Neuve • Belgium • Tel: +32 10 45 13 64 • Fax: +32 10 45 34 43
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American EPAY Inc.

Punch to Pay Incorporated (Chicago, USA), offers a biometric system primarily designed to track and pay airport employees. The system is installed at JFK Airport, Detroit Airport and Newark Airport (USA).

- Employees check in and check out using their fingerprints
- The information is immediately sent securely on a secure web-site so that managers can track employees.
- Managers can also track employees on their phones.
- The system sends alerts in case employees don't show up on time.
- The system sends alerts if employees work overtime or if budgets are broken
- Managers can send messages to employees, so that upon employee check-in, a message or to-do-list is displayed.
- The system embeds a printer, so that employees could receive a receipt of their payroll, message, or a to-do list.
- The system communicates via RJ11 phone, RJ45 LAN. It is also available in Wireless GSM (GPRS), WI-FI or cordless communication, which helps install a machine at a remote location without the need to setup a LAN connection.
- ... a lot more features and benefits, please come to our presentation or stop by our booth to learn more.

American EPAY Inc.

Citicorp Plaza • 8420 W. Bryn Mawr Ave Suite 510 • Chicago, IL 60631 • Email: ben@americanepay.com
Website: www.americanepay.com



BIOMETRIC IDENTIFICATION AND AUTHENTICATION SYSTEM

SEMLEX has a wide expertise in the development, integration, operational management and delivery of a Biometric Automated Fingerprint Identification System (BIOAFIS).

SEMLEX provides a reliable recognition system that allows the production and issuance of secure official documents by integrating leading edge biometric technologies and other security features, and by bringing new services and activities tailored to client's needs in order to raise security levels.

This system enables to manage a large database with various applications such as identification and travel documents, driving licence, civil registration, population census, and border controls.

SEMLEX EUROPE S.A.: Biometric Identification and Authentication Systems

Avenue Brugmann, 384 • B-1180 Brussels, Belgium • Tel.: +32 2 346 80 19 • Fax: +32 2 346 80 29
Email: europe@semlex.net • Website: www.semlex.net
Contact person: Christine Pape, Sales and Marketing Manager • Email: cp@semlex.net



ZETES, an integrator offering a strong added value (consulting, project management, implementation ...), takes up a market leader position in the field of global IDentification & Mobility solutions that combine automatic identification of goods and people with mobile computing and communication, in interaction with enterprise systems. These solutions use a rich set of identification technologies: bar code, voice directed systems, RFID, smart cards, biometrics...

In the field of identification/authentication of people, ZETES offers a wide range of solutions encompassing the security of electronic identities, documents and transactions and the integration with back-end applications.

Key elements and differentiators :

- Complete offering (hardware-software-services) and project management capabilities
- Highly secured card production unit, with highest levels of certification for security and quality
- Highly skilled and experienced team
- Vertical expertise (government, finance, telecoms, transport)
- Large and complex projects successfully conducted (Belgian national eID card...)

ZETES

Straatsburgstraat 3 • 1130 Brussels • Tel : +32 2 728 37 11 • Fax : +32 2 728.37.19
Email: web-group@zetes.com • Website: www.zetes.com
Contact person: Ronny DEPOORTERE, Sr Vice President Zetes PASS