

Welcome to the International Smart Card Associations Network

International Smart Card Associations Network - ISCAN - is an international alliance of independent smart card associations combining manufacturers, systems integrators, issuers, potential issuers and economic or social actors involved in the smart card activities.

Goals of the Network

ISCAN's major purpose is to support the proliferation of smart card usage worldwide by promoting results of tasks and facilitating exchanges of views between participating national, continental and global member associations. By gathering their own experience worldwide, ISCAN will be a major forum to focus on strategic and technical issues and to form a global view of the smart card industry.

www.iscan.ca



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More than an industry, it is a world of news

Chairman's Letter

From Catherine Johnston, CEO ACT Canada

Welcome to our first newsletter, bringing you information from around the globe. With smart card and chip applications becoming state of the art for both public and private sector applications, being able to understand the trends, issues and opportunities can give you a competitive edge.

ISCAN, the International Smart Card Associations Network, is an international alliance of independent Smart Card associations combining manufacturers, systems integrators, issuers, potential issuers and economic or social actors involved in smart card and chip activities. Together, we have a global view and perspective.

As a stakeholder, you benefit when you have timely access to information, but "knowing" is made better when you also have "understanding". To truly understand what is happening in your market, work with your local association, because no-one knows your market better.

With over 5,140 million smart card chips shipped in 2009, no-one can say that we are still in an emerging market. Indeed, this technology is now state-of-the-art for secure payment, secure identity management and many other applications.

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ISCAN NEWS



- In Payments – merchants, issuers and acquirers move to meet October liability shift dates from MasterCard and Visa.

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- Having celebrated its 20th birthday, AFPC <http://www.afpc-cartes.com>, the leading European independent association headquartered in France, has received significant recognition from all the

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- The 1st Conference on Technical Cooperation & Capacity Building for Border Management was organised by the International Organisation for

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- Eurosmart launches its new Smart Security Glossary in order to explain the key concepts that are relevant to the Smart Security Industry. Video interviews

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GLOBALPLATFORM

- GlobalPlatform leveraged its technical expertise on interoperability standards into a card technology training program. The program is designed to improve industry knowledge of the GlobalPlatform smart card specifications available, their function and capabilities, and business benefits gained from implementing standardized technology. Forthcoming card specification training programs will take place in Beijing on Friday, 29 January, in Salt Lake City on Monday, 22 February and in Hong Kong on Tuesday, 16 March. These sessions are open to GlobalPlatform members and non-members. For further information or to register, visit the public website.
- A white paper titled 'GlobalPlatform's Value Proposition for the Public Transportation Industry: Seamless, Secure Travel Throughout Multiple Transportation Networks' is now available for download on the public website. This paper explains how GlobalPlatform technology can add value to the subscription and management of e-ticketing solutions.
- GlobalPlatform is currently working to extend its compliance program to focus on market specific configurations beginning initially with GlobalPlatform's UICC Configuration for the mobile services sector and the Mapping Guidelines v2.1.1 Configuration for financial and government sectors. The extension of the compliance program supports issuers and application providers by facilitating the emergence of a standardized smart card infrastructure and developing an open compliance ecosystem with test tool suppliers.

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- SCA will be hosting a free webinar, "10 Reasons the U.S. Should Be Considering EMV" on January 26, 2010 from 1:00pm – 2:00pm ET. The webinar will look at the current trends in adoption of EMV internationally, the benefits EMV provides for payment security and fraud reduction and explore some of the implementation options for EMV for U.S. issuers.
- SCA Latin America (SCALA) has commissioned a research report, "EMV Migration Study and Market Analysis on Mexico and Brazil". The report is available for purchase from the SCA and SCALA.
- SCA recently released a new white paper, "Authentication Mechanisms for Physical Access Control Systems". A recent NIST publication, SP 800-116 published in November 2008, provides useful guidance on where to deploy the various PIV authentication mechanisms. However, a number of scenarios are not covered. This document highlights some of these situations and suggests some additional authentication mechanisms for security authorities to consider.
- SCA has announced the second date for the certification exam to become a Certified Smart Card Industry Professional (CSCIP). The exam date is February 24, 2010 in Salt Lake City, UTAH, which is also the site of the 2010 Payments Summit Conference. Individuals interested in taking the professional development education course to qualify for CSCIP certification should visit the Smart Card Alliance web site and click on the LEAP banner.
- SCA recently published a white paper, "Healthcare Identity Management: The Foundation for a Secure and Trusted National Health Information Network - A Smart Card Alliance Position Paper for Government Policy Makers and Healthcare Stakeholders". The paper is

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- 2009 witnesses a stable growth of IC card market in China. The major industrial sectors have gained tremendous records. Take the banking sector for example, as of the end of the first quarter of 2009, more than 1,888,000,000 bankcards have been issued throughout the country. As of the end of June 2009, the domestic merchants, POS and ATMs of China in the network are up to 1.35million, 2.11 million and 180,000, respectively 9, 9.7 and 4.7 times of those in 2001 before foundation of China UnionPay. China UnionPay cards, issued in China, can be used for cash drawing in 26 countries and regions and for consumption in 31 countries worldwide. In addition, more than 40 financial institutions in 8 countries and regions issue UnionPay cards at overseas.
- The 12th China International Smart Cards and RFID Exhibition & Conference 2010, the 8th China (Beijing) RFID & IOT Summits will be held on June 7-9, 2010 at Beijing Exhibition Center, China. It is the first brand for Smart Cards, RFID and Payment Exhibition and Conference in China. Get more information on our [public website](#).
- During the recently concluded CARTES exhibition in Paris in November 2009, a partnership agreement was signed by Cartes in Asia and the China Information Industry Trade Association (CIITA) whereby CIITA has become the Chinese institutional partner for CARTES in Asia in March, 2010. At CARTES Paris, the organizers were pleased to host a delegation of three delegates from major industry associations and authoritative media representing the smart cards sector and general industry in China. For further information, please visit the [public website](#).
- December 9th witnessed the official external release of the Research Report on Development of China's Bankcard Industry compiled under organization

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- Over 25 key stakeholder organizations including financial institutions, telecommunication companies and suppliers form ACT Canada's Mobile Strategic Leadership team produce 10 documents, including a list of market inhibitors, a watch list of potential regulatory influences and other pertinent information.
- Merchants present to the financial sector at Cardware 09 and unveil reasons for collaboration. This (Merchant) Strategic Leadership team will study mobile payments, EMV implementation and other payment issues in early 2010.
- Government of Canada Introduces Proposed Code of Conduct for the Canadian Credit and Debit Card Industry on November 19th 2009, to be followed by a 60 day public consultation period.
- It is projected that 1 in 6 mobile subscribers will own NFC-enabled handsets by 2014.
- In identity management - public sector stakeholders work with ACT Canada on a new Identity Management Strategic Leadership team.
- In transit and transportation - the Greater Toronto Area (GTA) transit project moved ahead with a field trial in November 2009. 2010 will be a very busy year with roll out across GTA to be nearly completed by year end.
- ACT Canada enters its 21st year as the stakeholder association focused on secure payment, secure identity management and other advanced applications and announces "Cardware 2010: Payment Insights". The conference will be held June 22nd and 23rd in Niagara Falls and will feature payment insights for North American issuers, acquirers, merchants, suppliers and other payment stakeholders.

For more information on these and other Canadian stories, please visit www.actcda.com.



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- sectors of the card market :
 - **Chosen to be a member of the GIE CB Committee (French authority for bank cards)** www.cartes-bancaires.com
A committee comprising representatives from banks and the bank card and electronic payment industry, set up to analyze and facilitate the implementation of new developments in card payment technologies, its relative impact on the economic environment as well as the regulations and standards in Europe.
 - **Chosen to be a member of the PAYCERT Certification Committee** www.paycert.eu
PayCert operates throughout Europe providing certification services for products and systems used within the **Card Schemes such as CB**. As such, PayCert is a certification body which is independent of GIE Cartes Bancaires 'CB'. PayCert issues certificates of technical conformity for European payment products (such as cards, terminals, acquiring systems, and also interfaces with authorization networks) and formally accredits test Laboratories able to evaluate these products.
 - **Elected as a member of the CSG / EPC Group** www.europeanpaymentscouncil.eu **collectively with CONCERT INTERNATIONAL, one of five members of the Vendor college**
The CSG will support the EPC with card standardization. Specifically, this will be done mainly through the Cards Working Group. Priority will be given to the maintenance and enhancement of the SEPA Cards Standardization Volume.

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- Migration (IOM) and APSCA in Bangkok on 19-21 January 2010. Over 100 senior government decision-makers from 35 countries & territories will join the conference. Organisations partnering with IOM and APSCA in the conference include ICAO, Interpol, UNODC, UNCTED, Organisation for the Prohibition of Chemical Weapons, World Customs Organisation, ASEAN and the European Commission. Registration now at www.apsca.org
- APSCA, in cooperation with Centrelink, will hold a workshop on the Protocol for Lightweight Authentication of Identity (PLAID), on 25 January 2010 in Hong Kong. The workshop is for smart card reader manufacturers, solutions providers, government agencies and commercial organisations using PACS/LACS systems. Registration now at www.apsca.org
- APSCA and Nikkei will organise a forum "Moving Towards NFC" at IC Card World 2010, Japan's only smart card exhibition, at the Tokyo International Exhibition Centre on March 9. In the forum leading players in the NFC ecosystem from Japan, Asia Pacific and Europe will address some of the challenges in moving towards NFC infrastructures and businesses. Registration at www.apsca.org from February onwards.
- APSCA has just released Q4 2009 estimates for financial chip cards in circulation across 18 countries and territories in Asia, to the nearest 0.5 million. The estimates include EMV smart credit/debit cards per country for both contact and (if they exist) dual-interface cards), as well as estimates for ATM/debit chip cards per country. According to the estimates there are now 311 million EMV credit/debit cards across Asia (which includes 19 million EMV dual-Interface credit/debit cards) and 166 million smart ATM/debit cards (not including "scheme" debit cards).

EUROSMART

The Voice of the Smart Security Industry

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- of Eurosmart members illustrate some of these key concepts. The Glossary and the videos can be viewed on Eurosmart website.

Eurosmart at Cartes 2009

- Eurosmart Chairman Marc Bertin presented at the World Card Summit (Cartes 2009) **the new market vision** of Smart Cards shipments in 2009 and 2010 forecasts. In 2009, the Smart Cards Industry demonstrated a strong resilience to the economic downturn and continued to grow in volume for high-end microprocessor cards. Eurosmart anticipates another year of growth of about 10% for 2010.
- Eurosmart was present at Cartes with a **special area dedicated to M2M and the Internet of Things**, gathering several members of Eurosmart that made demos on M2M and Internet of Things applications.
- Eurosmart presented in a workshop **the security Label and its first results**
- In order to help customers making the right investment in security, Eurosmart has launched a Task Force on Smart Security Segmentation which delivered a White paper presenting segmentation of market applications per security level, with a focus on segments that are not already covered by common criteria.

Eurosmart most recent publications

- **Position Paper on "ePassport & Border Control" (November 2009).** This EUROSMART document reflects EUROSMART members' analysis of the current situation and their position in favor of an international standardization and harmonization of the workflow and technologies used in the border control process, in order to achieve a right level of interoperability, an equivalent level of security at all borders and a common user interface for travelers.

GLOBALPLATFORM

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- GlobalPlatform, EMVCo and GSMA recently announced plans to develop a common, cross-industry certification model for secure elements with post-issuance capabilities. The aim is to simplify and speed up testing processes for pre-certified applications and certified UICC platforms, when they are redeployed. When fully developed and operational, these schemes will work together to ensure that any certified payment application will work with any certified UICC platform, reducing the incidence of certification failures when new application / platform combinations are subsequently added for testing.
- GlobalPlatform recently celebrated its 10th anniversary and created a video to showcase the progress made by the organization. The video, available for viewing via the public website highlights past accomplishments, current activities and the organization's view of the future

ISCAN SMART CARD INDUSTRY EVENT CALENDAR

- **2010 Payments Summit**, Marriott City Center Salt Lake City, UTAH, USA February 22-25, 2010
- A Smart Card Alliance event
- **GlobalPlatform Card Specifications Training** - Marriott City Center, Salt Lake City, Utah, USA February 22, 2010
- A GlobalPlatform Event
- **Smart Card Alliance 2010 Annual Conference : "Smart Cards in Action"** Marriott Camelback Resort & Spa, Scottsdale, AZ, USA May 18-20, 2010
- A Smart Card Alliance event
- **GlobalPlatform Card Specifications Training** – The Langham Hotel, Hong Kong, March 16, 2010
- A GlobalPlatform Event
- **Smart Card + RFID China 2010**, Beijing Exhibition Center, China June 7-9, 2010
- A China International Smart Card and RFID Event
- **Cardware 2010 : Payment Insights**, Sheraton Fallsview Hotel & Conference Centre, Niagara Falls, Ontario, Canada, June 22-23, 2010
- An ACT Canada event

EUROSMART

The Voice of the Smart Security Industry

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- **Eurosmart Position Paper on "Smart Machine-to-Machine Module" (November 2009).** After its report adopted in April 2009, the New Form Factors Working Group publishes its White Paper on Smart M2M (Machine-to-Machine), which provides an analysis of the market, going deeper in the market segmentation and giving examples of applications and use cases.
- **Eurosmart Position Paper on "NFC Trends" (October 2009).** While NFC is at the center of all the questions and strategies emerging today, Eurosmart publishes a Position Paper on "NFC Trends". Its aim is to give an objective and prospective vision of NFC markets and trends, and deliver a shared vision of the path to finally arrive at commercial deployment.
- **Eurosmart Directory 2009-2010** has also been released, giving information about the association, its activities and members.

All publications from Eurosmart can be uploaded on www.eurosmart.com.



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- policy makers who are looking carefully at the best ways to improve our healthcare system with much emphasis being placed on the need for electronic health records for every American.
- A recently published SCA position paper "End-to-End Encryption and Chip Cards in the U.S. Payments Industry" attempts to clarify and define end-to-end encryption, and detail the problems it solves and those it does not. It also explores the advantages of an alternative strategy for protecting cardholder data – using chip cards.

All publications from Smart Card Alliance can be found at www.smartcardalliance.org

Chairman's Letter

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Its ability to provide the rules based systems that would secure our data networks and critical infrastructure confirms that it will be around for a long time. Finally, we have a technology that has proven its ability to become smarter and more secure with each generation. This is a technology that is portable and cheap enough to bring the smarts and security right to the consumer and citizen.

We will publish the global news every quarter. We will also ask a question in each edition and publish the answer in the following edition. If you have a question you'd like asked, please email it to me: Catherine@actcda.com.

I hope the news we publish helps you to achieve your goals.

Catherine Johnston
President & CEO, ACT Canada &
Chairman, ISCAN



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- by China UnionPay. This is the first time for China UnionPay to release the industrial report in English version after releasing the Chinese version of Research Report on Development of China's Bankcard Industry in 2003. More information is available on the [public website](#).

For more information, please visit our web site at <http://www.scfc.org.cn>



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In 2010, our main efforts, will be focused on the settlement of the SEPA (the Single Euro Payments Area).

At the EPC, we have experts deeply involved in 3 working groups :

- **Card standardization Volume** whose objective is to deliver a consistent cardholder experience through harmonized functional and security requirements for cards services in scope of this Volume.
- **Security & Certification** – The functional and security requirements and the certification framework are called the "SEPA Cards Standards". They also include a functional architecture, description of processing flows and data elements definitions and use.
- **TOR** – CSG Members are to review and comment on a common ToR (Terms of Reference) regarding the definitions and implementations of Standards.

Do not hesitate to contact us through our site <http://www.afpc-cartes.com>

Question of the Month:

Will R&D funding go up or down in your organization in 2010?

(Please submit your answer by email to info@iscan.ca . The results of the question of the month will be published in the next issue of the ISCAN Newsletter)



<http://www.iscan.ca>

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