

Smart Card Alliance Councils Briefs

Access Control Council

- **Mission:** The Smart Card Alliance Access Control Council is focused on accelerating the widespread acceptance, use, and application of smart card technology for physical and logical access control. The group brings together, in an open forum, leading users and technologists from both the public and private sectors and works on activities that are important to the access control community and that will help expand smart card technology adoption in this important market.

Recent and planned activities

- Developing white papers and briefings on best practices for using smart card technology for access control
- Providing industry resources to assist the Federal government, state and local organizations, and enterprises in the implementation of FIPS 201 Personal Identity Verification (PIV) cards, PIV interoperable (PIV-I) cards and Commercial Identity Verification (CIV) cards
- Participating in the development of standards and specifications for using smart cards in physical access control systems
Collaborating with other industry organizations to influence standards and develop best practices.

Health and Human Services Council

- **Mission:** The Smart Card Alliance Health and Human Services Council brings together payers, providers, and technologists to promote the adoption of smart cards in U.S. healthcare and health and human services organizations and within the national health IT infrastructure. The Health and Human Services Council provides a forum where all stakeholders can collaborate to educate the market on the how smart cards can be used and to work on issues inhibiting the industry.

Recent and planned activities

- Providing educational resources for healthcare organizations, consumers, government organizations and members to foster deployment of smart cards in the healthcare marketplace
- Identifying the challenges and opportunities in the emerging healthcare marketplace for applications that can be supported by smart card technology
- Promoting the development and use of standards for healthcare applications
- Maintaining an active outreach program through healthcare industry organizations and events to provide educational content on how smart card technology is used for healthcare applications

Identity Council

- **Mission:** The Smart Card Alliance Identity Council is focused on promoting best policies and practices concerning person and machine identity, including strong authentication and the appropriate authorization across different use cases. Through its activities the Council encourages the use of digital identities that provide strong authentication across assurance environments through smart credentials – e.g., smart ID cards, mobile devices, enhanced driver's licenses, and other tokens. The Council engages a broad set of participants and takes an industry perspective, bringing careful thought, joint planning, and multiple organization resources to bear on addressing the challenges of securing identity information for proper use

Recent and planned activities

- Developing white papers and briefings on key identity topics to provide educational resources to the industry
- Developing industry positions on key identity issues and offering perspectives on solutions

- Maintaining an active, public voice on identity topics, promoting the positive aspects of identity technology solutions and responding to reports that contain misinformation about identity technology

Internet of Things (IoT) Security Council

- **Mission:** The Smart Card Alliance IoT Security Council was formed to develop and promote best practices and provide educational resources on implementing secure IoT architectures using “embedded security and privacy.” The Council focuses on IoT markets where security, safety and privacy are key requirements and will leverage the industry expertise and knowledge gained from implementing embedded security technology for payment, identity, healthcare, transport and telecommunications systems to provide practical guidance for secure IoT implementations. The Council provides a unified voice for the industry to the broader IoT ecosystem.

Planned activities

- Providing educational resources that show the benefits of using embedded hardware security technology in IoT architectures
- Developing use cases for priority markets that highlight possible vulnerabilities and propose best practices/solutions that address those vulnerabilities

Mobile Council

Mission: The Smart Card Alliance Mobile Council aims to build industry awareness around the business and security impacts of utilizing different technologies for distributing, storing and using secure user credentials – such as payment cards, loyalty cards and access control – on personal mobile and tethered wearable devices. The Council believes raising awareness will facilitate broader discussion on creating standards. The Council will create resources to help implementations and accelerate the adoption of payments, loyalty, marketing, peer-to-peer, identity, and access control applications using mobile and tethered wearable devices. The Council focuses on activities that will help to educate the industry on implementation and security considerations and will act as a bridge between technology development/specification and the applications that can deliver business benefits to industry stakeholders.

Recent and planned activities

- Developing white papers on mobile and NFC technology, standards and applications to provide educational resources to the industry
- Hosting webinars and conference workshops on mobile and NFC security and application ecosystems
- Developing educational material and guidance on the use of the secure element for mobile applications

Payments Council

- **Mission:** The Smart Card Alliance Payments Council was formed to focus on facilitating the adoption of chip-enabled payments and payment applications in the U.S. through education programs for consumers, merchants, issuers, acquirers/processors, government regulators, mobile telecommunications providers and payments service providers. The group is bringing together payments industry stakeholders, including payments industry leaders, merchants and suppliers, and is working on projects related to implementing EMV, contactless payments, NFC-enabled payments and applications, mobile payments, and chip-enabled e-commerce. The Council’s primary goal is to inform and educate the market about the value of chip-enabled payments in improving the security of the payments infrastructure and in enhancing the value of payments and payment-related applications for industry stakeholders.

Recent and planned activities

- Developing educational material and guidance on the use of EMV and chip-enabled solutions to address fraud and counterfeit cards in the U.S. payments industry
- Developing and hosting conference workshops on chip-enabled payments to provide educational resources to the industry

- Developing industry positions on key issues in deploying chip-enabled payments and collaborating as an industry to address challenges
- Maintaining an active, public voice on chip-enabled payments topics, serving as a resource for authoritative information and responding to reports that contain misinformation about the technology
- Researching and developing guidance on emerging technologies and approaches being introduced in the U.S. payments market

Transportation Council

- **Mission:** The Smart Card Alliance Transportation Council is focused on promoting the adoption of interoperable contactless smart card payment systems for transit and other transportation services. The Council is engaged in projects that support applications of smart card use. The overall goal of the Transportation Council is to help accelerate the deployment of standards-based smart card payment programs within the transportation industry.

Recent and planned activities

- Developing white papers on emerging trends for transit fare collection systems, including the use of contactless open payments, EMV and prepaid cards
- Collaborating as an industry to identify challenges with transit acceptance of contactless open payments and to develop approaches for addressing those challenges
- Providing tools for the transportation industry to use in planning for new fare payment and collection systems
- Expanding outreach to parking and tolling industries to provide educational resources and to explore convergence opportunities that leverage smart card technology