International Standardization for Campus IDs

European Campus Card Association and UL, the Netherlands

Online Workshop

Thursday 7th July, 13:00 – 14:00 (CEST)

Agenda

- ## Introduction by ECCA (5 mins)

- ## Introduction by UL - ISO 18013-5 (5 mins)

- ## Overview of Current Issues (10 mins)
  - User-Campus interaction (protocol, token type, etc.)
  - User-Service provider interaction (protocol, token type, etc.)
  - User profile attributes and exchange (GDPR, etc.)

- ## Open Discussion (30 mins)

- ## Next Steps (5mins)

Campus ID

- Secure token storing/providing student/staff information used mainly for identification
  - To be used in online and offline based services
  - Physical, virtual or hybrid
  - Easy to (re)issue, use and update

- Examples
  - Smart card, mobile device, USB key, etc.
  - Just a digital and online accessible document

- Ecosystem buzzwords: Self-Sovereignty, Web3, Platforming (mobile 1st)

- Requirements / Characteristics
  - Simple and valid for everyone
  - Issue once, use many (following the One Only Principle)
  - Cross-border support (mobility/ERASMUS, etc.)
  - GDPR compliant

Credential / eID use cases

- ## In-campus
  - Self-developed/Out-sourced solutions (depending on the HEI)
    - › Enrolment process
    - › Identity validation during exams
    - › Remote authentication for online platforms (certificates issuance, etc.)
    - › Access control to rooms, buildings, parking, etc.
    - › Payments in canteens, printing/photocopying, etc.
    - › Book loans in libraries
  - Inter-universities
    - › Mobility processes, transcript of records, diplomas

- ## Off-campus
  - Discounts in physical and online shops, cinemas, museums, etc.
  - Public transportation (bus, metro, etc.) or car and bike renting/sharing
  - Open-loop payments

To be defined
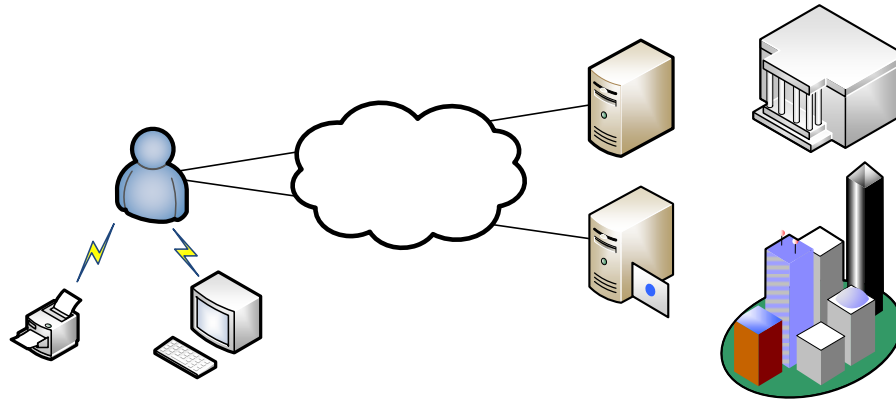
- ## Profile attributes
  - What information to be stored about a student / staff
    - Mandatory vs optional
    - In an offline token or remotely accessible
  - Interoperable semantics and data representation
    - Compliance with various solutions (brokerage)
    - Towards federation of credentials

- ## Exchange and interaction protocol
  - Self sovereignty (users in charge of their data)
  - Online vs Offline
  - Distributed ledgers vs Public Key Infrastructure

Similar on-going works / Potential collaborators

- Are we on track European Student Card (ESC) by 2025?
  - Projects are based on international standards for the Campus ID roll out?

- EU funded projects
  - Erasmus Without Papers (profile information and its semantics)
  - EDSSI - European Digital Student Services Infrastructure (student services)
  - MyAcademicID (id, authentication, relation with SPs, etc.)
  - European Student Card (id format, brokerage, etc.)
  - ESC-Tension (recommendations for ESC credentials and issuance)

- Role of GÉANT
  - Spec for European Student Identifier
  - eduGAIN and similar solutions widely deployed and accepted

- Do not forget
  - eIDAS regulation
  - European Blockchain Services Infrastructure (EBSI)

Next Steps

- Build a Working Group
  - Promote discussion on need of International Standard for Campus IDs
  - Include relevant stakeholders, interested HEI and public entities, etc.
  - Periodic meeting and offline interaction

- Organize additional workshops and other initiatives
  - Disseminate the work carried out
  - Listen and accept new proposals

- Information available at ECCA website (www.ecca.eu)

Not yet a member of ECCA and want to know more?

Please Contact us!

info@ecca.eu