Project Updates & Next Steps

Global Education Privacy Standard (GEPS)

PRESENTED BY:
STEVE SMITH, ALEX JACKL, MIKE REYNOLDS,
ANTHONY YAREMENKO & SCOTT GALLANT
How Far We Have Come

What else is going on?
How does SDPC differ from other efforts?
Connecting the Dots
Project 3: Global Education Privacy Standard

OK the contract is all signed between marketplace provider and customer, the deliverables are clearly outlined and everything is outlined in the roles and responsibilities of each party.

Ready to go, right? No. In most cases the next call between the two parties to answer the question “How do you want us to deliver on X, Y and Z?”. This is especially true when it comes to student data privacy issues which usually outlines the need for vendors to use “industry established best practices/standards”. The issue is that for the education vertical, no practices or standards exist.

The Global Education Privacy Standard, GEPS, is a PK-20 global set of data privacy obligations (obligations) that can be aligned to contractual clauses as well as technical control benchmarks. GEPS includes open XML code (PODS) to transfer privacy obligations between controllers and processors to bridge the gap in understand of education data protection expectations. GEPS allows for organizations to choose the SDPC standard suggestions or use other existing standards, (i.e. IEEE, NIST, ISO, etc.) to set their own expectations between vendors and customers on managing student data.
Global Education Privacy Standard (GEPS)

**School / Department of Education**
(Data Controller)

- Written Contract
  - Clause 1
  - Clause 2

**Contract Obligations Pool**

- Contract Obligations
  - Obligation 1
  - Obligation 2

**Control Benchmark Sets**

- SDPC Set
- Set 2

**Vendor**
(Data Processor)

- NIST/ISO/IEEE
  - "Other" standards

**Privacy Object Document (POD)**

- Obligation 1 XML
- Obligation 2 XML

**Technical**
Technical Overview

What is a POD?
Why do we care?
Example Privacy Use Cases

- Student Applications to a School
- Moving Transcripts
- Getting a Roster and key Section information to a new App a Teacher is using.
- Ensuring new Vendor knows and is following Local Privacy Policy
- Responding to Information Requests that might include sensitive data
Technical Overview: What is a POD?

- **Communication**
  - Rigorous documentation structure for obligations
  - Affirms correct references and rule awareness

- **Automation**
  - Machine readable code for executing data rules
  - Utilizes supporting infrastructure for enforcement
Technical Overview: What is a POD?

- **Multi-Standard**
  - Supported by and aligned with SIF infrastructure
  - Agnostic to the transport and interoperability standard
  - Able to be re-used by anyone. Fully open.
Deconstructing the POD

Components
Specification and Contents
What’s in a POD?

- **Header**
  - Status, Token ID, version, PartyID (eg company)

- **POD – Technical applicability**
  - Default, Data model, Data model version

- **Contract**

- **Legal obligations**
  - Default can be set
  - Can repeat if fine grained controls required

- **Technical obligations**
  - Data access
  - Subject specific obligations
  - Condition list
  - Data deletion obligations

- **Data controller obligations**
- **Data processor obligations**
- **Data sub-processor details**
Deconstructing the POD

- **Internal techy details**
  - Version
  - Data model
  - Markers etc

- **Contract stuff**
  - Contract name
  - Link
  - Date valid from/to
  - Laws
Deconstructing the POD

- Legals
  - Clauses
    - Obligations
  - Benchmarks
Deconstructing the POD

- Technical obligations
  - Data access
    - Greenlist
    - Conditions
  - Other obligations
    - Technologies
    - Deletion requirements etc
    - Benchmarks
Deconstructing the POD

- **Data controller details**
  - Contacts
  - Links to privacy policies etc

- **Data processor details**
  - Contacts
  - Purpose for providing data
  - Marketing usage
  - Breach details
  - Employee / HR requirements
  - Countries
Deconstructing the POD

- Data Sub-processor details
  - Contacts
  - Purpose for providing data
  - Breach details
  - Countries etc
POD Creation

SDPC App
Connection to PODS
Generating PODs

- Governance Processes and Content
- Usage Content and Application
- Technical Protocols and Output/Input
POD Creation

Governance Process and Leadership

- SDPC: Availability of Offering
  - Extend Service
  - Offer Best Practice
  - Advocate
- Alliance: Authoritative Control
  - Content Versioning/Iteration
  - Adopt/Train
- Agency-Service: Operationalize
  - Institutionalize and report
  - Leverage Results
Application and Usage

- **SDPC**: *Roadmap and Lead*
  - Aggregate practices
  - Analyze reporting
- **Alliance**: ‘Regulate’
  - Monitor for ‘compliance’
  - Render services (remediate)
- **LEA-Service**: *Apply*
  - Timely Use/Transmission
  - Comprehensive Artifacts
  - Accurate Attributes/Values
POD Creation

Technical Protocols & Input/Output

- SDPC
  - Methodology
  - Architecture and Formats
  - Standard Content
- Alliance
  - Modification Requests
  - Authoritative Content
  - Obligations/Benchmarks
- LEA-Service: Attribute values
  - Institutionalize and report

© Access 4 Learning (A4L) Community
POD Creation

- Obligations
- Benchmarks
Authorship
 POD Creation

- Easy ways to adopt PODS
- Turning Use Cases into Reality
POD Creation

- Demo of POD Creation
Privacy Roadmap

Call to Action

How can I implement?
Privacy Roadmap

- Call to Action
  - Get Involved
  - Contribute!
Privacy Roadmap

How Can I Implement?
THANK YOU

● Steve Smith
● Anthony Y
● Mike Reynolds  mike.reynolds@cedarlabs.com
● Scott Gallant  scott@keyedsystems.com
● Alex Jackl    alex@bardicsystems.com