Designing a Government Funded Electronic Transcript Initiative

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Credentials are a lifelong currency. They open doors. **Parchment’s mission is to help turn credentials into opportunities.**
Credentials are a key form of currency in enrollment and employment pathways.

- **U.S. School Districts & Equivalency**
  - Undergrad. Admissions
  - Grad Admissions
  - Dual Enrollment
- **U.S. Colleges & Universities**
  - Undergrad/Graduate Admissions
  - Study Abroad
  - Domestic Exchange
- **Intl. Schools, Colleges & Universities**
  - Employment
- **Workforce**
  - Employment
  - Certification & Licensing

**Statistics**

- **51M** Transactions
- **5.5K** Total Colleges
- **4.5K** Secondary Schools Total
- **3.5M** Account Registrations
States and consortia launch electronic transcript initiatives for a variety of reason.

- Support diverse populations
- Mitigate document fraud
- Increase postsecondary access for students
- Establish consistency in transcript submission
- Create operational efficiency
- Honor state’s/consortia privacy regulations
- Provide valuable data at the state/provincial level
- Expand internationalization of network reach
- Eliminate funding barriers and fees for students and schools
Individual states design and launch different eTranscript Initiatives.
Generally speaking, electronic transcript initiatives vary across seven core design features.

<table>
<thead>
<tr>
<th>Key Criteria</th>
<th>Considerations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data Integration</td>
<td>Machine Readable Data or PDF</td>
</tr>
<tr>
<td>Standardized eTranscript</td>
<td>Common Data Fields</td>
</tr>
<tr>
<td></td>
<td>Unified Data Layer and Visual</td>
</tr>
<tr>
<td>Level of Mandate of Participation</td>
<td>Required or Voluntary</td>
</tr>
<tr>
<td>Funding</td>
<td>State Funded, Shared Payment, Transaction Surcharge</td>
</tr>
<tr>
<td>SIS Ecosystem</td>
<td>Centralized Data Hub, Send API Integration</td>
</tr>
<tr>
<td>Scope of Coverage</td>
<td>Current Students, Alumni, Admission Only</td>
</tr>
<tr>
<td>Scope of Exchange</td>
<td>Issuers Only, Receivers Only, All</td>
</tr>
</tbody>
</table>
Go beyond a vendor relationship:

- Shared vision / Shared resources
- Aligned Goals - Ensure Clarity
- Universal Ecosystem - SIS Integration Requirements
- Project Management/Communication Plan
- Technical Support/Training
## Multiple Solution Options

<table>
<thead>
<tr>
<th>Criteria</th>
<th>Michigan</th>
<th>KY, SC, WV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data Integration</td>
<td>Anonymized Data Hub</td>
<td>Native XML Data</td>
</tr>
<tr>
<td>Standardized eTranscript</td>
<td>Unique Identification Code (UIC) K-20 Student Record</td>
<td>Common Data Fields</td>
</tr>
<tr>
<td>Level of Participation</td>
<td>All SIS Integrated to Central Data Hub</td>
<td>High Schools and Admissions offices</td>
</tr>
<tr>
<td>Funding</td>
<td>State Funded</td>
<td>State and School District Split Cost</td>
</tr>
<tr>
<td>SIS Ecosystem</td>
<td>Centralized Data Hub, Send API Integration</td>
<td>SIS Integration to Send API</td>
</tr>
<tr>
<td>Scope of Coverage</td>
<td>Current Students and Alumni</td>
<td>Current Students</td>
</tr>
<tr>
<td>Scope of Exchange</td>
<td>All</td>
<td>Senders</td>
</tr>
</tbody>
</table>
Indiana eTranscript Initiative

Ken Sauer, Ph.D. | Indiana Commission for Higher Education
State Initiatives: Goals

Indiana’s Original Goals (circa 2005)

- Find a solution covering high school-to-college and college-to-college transcript exchange using PESC XML standards
- Increase college-going rates and facilitate transfer
- Provide rapid and reliable delivery of transcripts with consistent layout
- Create operational efficiency (both high schools, colleges)
- Provide valuable data at the institutional and state levels
- Create a cost-effective system for students and schools
## Indiana’s Design Features

<table>
<thead>
<tr>
<th>Key Criteria</th>
<th>Considerations</th>
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</thead>
<tbody>
<tr>
<td>Data Integration</td>
<td>Transcripts Transmitted Both as PDFs and as XML Data Files</td>
</tr>
<tr>
<td>Standardized eTranscript</td>
<td>Common Data Fields Based on PESC XML Schema</td>
</tr>
<tr>
<td></td>
<td>• High School Fields: Consensus Involving Department of Education, Commission for Higher Education, Colleges and Universities</td>
</tr>
<tr>
<td></td>
<td>• Postsecondary Fields: Consensus Involving Commission for Higher Education, Colleges and Universities</td>
</tr>
<tr>
<td>Level of Mandate of Participation</td>
<td>• Required at the High School Level</td>
</tr>
<tr>
<td></td>
<td>• Voluntary at the Postsecondary Level</td>
</tr>
</tbody>
</table>
### Key Criteria

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<th>Key Criteria</th>
<th>Considerations</th>
</tr>
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<tbody>
<tr>
<td>Funding</td>
<td>• <strong>High School</strong>: State Funded Through Line-Item Appropriation&lt;br&gt;<strong>Postsecondary</strong>: Still To Be Determined</td>
</tr>
<tr>
<td>SIS Ecosystem</td>
<td>• <strong>High School</strong>: Send API Integration with Multiple SIS and Other (e.g. Naviance) Vendors&lt;br&gt;<strong>Postsecondary</strong>: Parchment and Non-Vended Solutions</td>
</tr>
<tr>
<td>Scope of Coverage</td>
<td>• <strong>High School</strong>: Current Students, Recent Alumni, Admissions and Other Purposes&lt;br&gt;<strong>Postsecondary</strong>: Transfer Students (Multi-Directional)</td>
</tr>
<tr>
<td>Scope of Exchange</td>
<td>Both Senders and Receivers</td>
</tr>
</tbody>
</table>
State Initiatives: Keys to Success

Indiana’s Keys to Success

- Champions, including: Commission for Higher Education; universities (admissions officers, registrars, and IT staff); innovative high schools
- Unrelenting advocacy and commitment
- Legislative mandate
- Dedicated funding
- Great platform and support team (Parchment)
Indiana’s Interlocking Responsibilities

Legislatively Mandated Responsibilities

Indiana Commission for Higher Education
- Receives State Appropriation
- Administers the Program
- Contracts with Parchment

Indiana Department of Education
- Issues the common e-Transcript
- Reflects state mandates on e-Transcript
- Communicates with School Districts

Indiana Public Colleges and Universities
- Specifies data fields needed for admission

Parchment
- Provides e-Transcript Platform
Indiana’s Current and Emerging Goals

- Have 100% of high schools sending 100% of transcripts as XML data files
- Fully implement college-to-college transcript exchange
- Create a shared, state-level data base of all high school transcripts for all years
- Use XML transcripts for administering state financial aid
- Expand beyond traditional transcript fields toward a comprehensive learner record, e.g. new high school graduation pathways (learning experiences, apprenticeships, industry certifications, etc.)
State Initiatives: Credential Engine Indiana

Indiana’s Scale-Up (2017-Present)

- Indiana has all public sector certificates and degree programs on the open source Credential Registry (3,000+) and is continually adding additional information.
- **Parchment Award** will connect portable, digital credentials to the Credential Registry as a source of linked data about the credential earned and the credential provider.
Q&A Time

Focus on Three Imperatives

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