Wireless

Meeting Room

87273
Personal Reflections
### Factors Influencing the Founding of PESC

<table>
<thead>
<tr>
<th>Y2K</th>
<th>The advent of the new millennium created a fear that systems may be compromised when the year 1999 rolled over into 2000. In preparing for Y2K, a global awareness emerged of “COBOL” and the importance of data and standards.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic Transcripts</td>
<td>Electronic data exchange in the admissions and registrar functions (transcripts, test score, admissions application, etc.) were in the process of being developed and deployed through a partnership between AACRAO, CCSSO and NCES. Benefits of standardization were being realized and other sectors of higher education were interested in realizing benefits as well.</td>
</tr>
<tr>
<td>FDSLP</td>
<td>The launch of the Federal Direct Student Loan Program (FDSLP) in 1993 by the U.S. Department of Education as mandated by the U.S. Congress through Reauthorization of the Higher Education Act of 1965, which circumvented all bank and other private involvement in the loan process, introduced a single standard and banks found themselves needing to respond with standards as well to remain competitive.</td>
</tr>
<tr>
<td>Project EASI</td>
<td>The U.S. Department of Education launched its Project EASI (Easy Access for Students and Institutions) “modernization” effort to reengineer their convoluted and disparate thirteen stovepipe systems. Maintenance and development costs for those systems were increasing exponentially; yet accessing those systems was difficult and obtaining accurate and reliable data took weeks and sometimes months.</td>
</tr>
</tbody>
</table>
**The National Technology Transfer and Advancement Act (NTTAA)**

Section 12 of the NTTAA, passed in 1995, states that “all Federal agencies and departments shall use technical standards that are developed or adopted by voluntary consensus standards bodies.”

**OMB Circular NO. A-119**

The Office of Management and Budget (OMB) issued in 1998 Circular NO. A-119 which provides guidance for agencies participating in voluntary consensus standards bodies and procedures for satisfying the reporting requirements of NTTAA.

**Section 143 of the Higher Education Act of 1965**

Language was added in 1998 which directs the Secretary of Education and the COO [of Federal Student Aid within the U.S. Department of Education] to “encourage and participate in the establishment of voluntary consensus standards and requirements for the electronic transmission of information necessary for the administration of programs.”
The Standards Council is Founded

1992
- EDI

1997
- SC Founded**

1998
- Bylaws Adopted

1999
- Articles of Incorporation
- ANSI-X12-A Education Formed
- 1st White Papers Issued*
- 1st Best Practices Competition

** AACRAO, ACT, Brigham Young University, Educause, Citibank, COHEAO, Datatel, EFC, ETS, Harbinger-Supply Tech, KPMG, Law School Admission Council, NACUBO, NASFAA, NCHELP, New York University, Pearson, Sallie Mae, Sungard SCT, SLISA, University of Oklahoma, University of Texas at Austin, U.S. Department of Education

* PKI, XML & Student Identifiers
PESC Stabilizes

2000
- XML Forum

2002
- Infrastructure Enhanced
- Membership Enhanced
- Independence from AACRAO

2003
- 1st Annual Conference*
- Technical Specification Released

2004
- State of E-Authentication Assembly

* Financial Aid
PESC Grows

- 2009: 1st Task Force: EdUnify
- 2008: 1st User Group: Education Record
- 2008: SIFA
- 2007: DQC
- 2006: 1st Standard: College Transcript
- 2004: Dissolved
- 2004: ANSI X12 A
## Lost Membership Revenue

<table>
<thead>
<tr>
<th>Access Group</th>
<th>NASFAA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ashford University</td>
<td>NCASI</td>
</tr>
<tr>
<td>Avow Systems</td>
<td>NCHELP</td>
</tr>
<tr>
<td>Bowling Green State University</td>
<td>NELA</td>
</tr>
<tr>
<td>CBA</td>
<td>Nelnet</td>
</tr>
<tr>
<td>Dartmouth College</td>
<td>Neumann College</td>
</tr>
<tr>
<td>Decision Academic</td>
<td>Ohio Board of Regents</td>
</tr>
<tr>
<td>JPMorgan Chase Bank</td>
<td>Oregon State University</td>
</tr>
<tr>
<td>Citibank</td>
<td>Pennsylvania College of Technology</td>
</tr>
<tr>
<td>Clayton State University</td>
<td>Prairie View A &amp; M University</td>
</tr>
<tr>
<td>COHEAO</td>
<td>redLantern</td>
</tr>
<tr>
<td>College Source</td>
<td>Regent Education</td>
</tr>
<tr>
<td>Columbia University</td>
<td>Sallie Mae</td>
</tr>
<tr>
<td>EdFinancial</td>
<td>SLSA</td>
</tr>
<tr>
<td>EFC</td>
<td>Texas A &amp; M University</td>
</tr>
<tr>
<td>First Marblehead</td>
<td>Triand</td>
</tr>
<tr>
<td>Hyland Software</td>
<td>Unisolution</td>
</tr>
<tr>
<td>IDAPP</td>
<td>University of Alaska System</td>
</tr>
<tr>
<td>Key Bank</td>
<td>University of Minnesota</td>
</tr>
<tr>
<td>Just IQ</td>
<td>US General Services Administration</td>
</tr>
<tr>
<td>Law School Admission Council</td>
<td>Wachovia</td>
</tr>
<tr>
<td>Mapping Your Future</td>
<td>Vangent</td>
</tr>
<tr>
<td>NACUBO</td>
<td>Virginia Polytechnic</td>
</tr>
</tbody>
</table>
PESC’s Reach

PESC Approved Standards
- Admission Application
- College Transcript
- Education Test Score Reporting
- High School Transcript
- IPEDS
- PDF Attachment
- Student Aid

Task Forces
- eAuthentication/eAuthorization (EA2) Task Force
- Common Data Services (CDS) Task Force

Workgroups
- Academic ePortfolio
- Course Inventory
- Recruitment & Enrollment
- Student Loan Data Reporting

User Groups
- Canadian PESC User Group
- CEDS User Group
- Education Record User Group
- Student Aid User Group
PESC’s Strategic Partners

AACRAO  DQC  Internet2  SHEEO  SIFA  US Department of Education
Building Relationships

- ADL – Advanced Distributed Learning (DoD)
- ARUCC – Association of Registrars of the Universities and Colleges of Canada
- CCSSO – Council of Chief State School Officers
- Educause
- HR-XML
- IMS Global Learning Consortium
- Kuali Foundation
- Medbiquitous
- NIEM – National Information Exchange Model
- OET – Office of Educational Technology
- OPEPD – Office of Planning, Evaluation, and Policy Development
- SLI – Shared Learning Infrastructure
Unifying the Education Domain Around Interoperability to Improve Student Achievement

Multiple Access Points to the Network → FEDERATED ACCESS or SINGLE SIGN-ON

*EA2 Task Force in partnership with Internet2/InCommon*

Standards to Transport over the Network → COMMON DATA STANDARDS DEVELOPMENT & MAINTENANCE

*PESC Standards Forum for Education*

Mechanism for Exchange over the Network → COMMON DIRECTORY for WEB SERVICES & EXCHANGE

*PESC Common Data Services (CDS) Task Force*
PESC 3.0

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Premier Partner</td>
<td>• NASLA, National Student Clearinghouse, Parchment, SCRIPSAFE, USA Funds</td>
</tr>
<tr>
<td>New Membership Category</td>
<td>• For schools or local education agencies (LEA’s)</td>
</tr>
<tr>
<td>Common IP</td>
<td>• Standardize IP across standards organizations</td>
</tr>
<tr>
<td>Permanent User Groups</td>
<td>• Long-term sustainable governance</td>
</tr>
<tr>
<td>Limited PESC Memberships</td>
<td>• Member outreach to stakeholders</td>
</tr>
<tr>
<td>Expand Implementations</td>
<td>• Student Aid • Transcripts</td>
</tr>
<tr>
<td>Technical Standardization</td>
<td>• NIEM</td>
</tr>
</tbody>
</table>
SAVE THE DATE

SPRING 2013 DATA SUMMIT

MAY 1–3, 2013
San Diego CA | Omni Hotel
$199 “PESC”
(Hotel Cutoff: 4/1/13)

FALL 2013 DATA SUMMIT

OCTOBER 1–3, 2013
Palm Beach FL | Four Seasons
$199 “PESC”
(Hotel Cutoff: 8/30/13)