in 1997 PESC was founded. What started out as a community meeting with 30 leading institutions, associations and the US Department of Education to address the shared and growing needs for centralized management of standardization, development, maintenance and training, has become the heavily implemented and far-reaching organization PESC.

PESC Approved Standards now currently implemented across the United States of America and Canada for admissions, registrar and financial aid communities serving tens of millions of students each year, are now being looked at by leaders from around the world.

PESC’s influence and power are fueled by its solid sponsor, member and volunteer efforts. Our founding, cornerstone principle of open, transparent community-based collaboration serves as our platform enabling innovation, ingenuity & ultimately interoperable digitalization across the education domain.

20th YEAR SPONSORSHIP signifies to PESC and the education community a special commitment by your organization that exemplifies and showcases what we are doing together is working and should continue.

PESC’s 20th Year Anniversary Celebration takes place at the Fall 2017 Data Summit in Toronto. Please continue to forge with PESC along this strategic path – we need your support to make the next 20 years as successful!
TABLE OF CONTENTS

3 PESC 20TH ANNIVERSARY IN 2017
4 PESC INITIATIVES
5 17TH ANNUAL BEST PRACTICES
7 NEW MEMBERS
   MEMBERSHIP MEETING
   ELECTIONS – BOARD OF DIRECTORS

9 PARTNERS, STANDARDS & GROUPS
10 GLOBAL DATA MOBILITY LAUNCH
10 INTERNATIONAL SCHOOL CODE LIST
11 EdEXCHANGE PILOT
11 EdEXCHANGE STEERING COMMITTEE

12 SPRING 2016 DATA SUMMIT
14 COMMON XML CREDENTIAL
15 GRONINGEN DECLARATION NETWORK
17 SIGN ME UP

© 2016. PESC. ALL RIGHTS RESERVED.
GLOBAL DATA MOBILITY USER GROUP
ENSURING AWARENESS OF GLOBAL EFFORTS FOR STANDARDS DEVELOPMENT
OPEN TO PESC MEMBERS

COMMON DATA SERVICES TASK FORCE
ENABLING NEUTRAL, SCALABLE DATA EXCHANGE MECHANISMS & STANDARDS

EDUCATION RECORD USER GROUP
GOVERNING ALL ADMISSION & REGISTRAR-BASED PESC APPROVED STANDARDS
OPEN TO PESC MEMBERS

ACADEMIC CREDENTIALING & EXPERIENTIAL LEARNING TASK FORCE
MONITORING COMPETENCIES, KNOWLEDGE, SKILLS & ABILITIES FOR STANDARDS DEVELOPMENT

CANADIAN PESC USER GROUP
ENSURING PESC MISSION & DELIVERABLES INCLUDE CANADIAN INTERESTS
OPEN TO THE PUBLIC

STANDARDS FORUM FOR EDUCATION
PRODUCING & MANAGING ALL WORKGROUP-BASED PESC APPROVED STANDARDS DEVELOPMENT
OPEN TO PESC MEMBERS

CANADIAN PESC USER GROUP
ENSURING PESC MISSION & DELIVERABLES INCLUDE CANADIAN INTERESTS
OPEN TO THE PUBLIC
NEW PESC MEMBERS

PESC is pleased and excited to announce our newest Members:

COLLEGENET
DECISIONDESK
FEDERATION OF STATE MEDICAL BOARDS
GRONINGEN DECLARATION NETWORK
IERF
PARADIGM
WORKDAY

MEMBERSHIP MEETING

Please be advised the Annual Spring Member Meeting is being held Wednesday April 13, 2016 during the Spring 2016 Data Summit at the Embassy Row Hotel 5pm – 6pm EDT.

On the agenda:
- Board Elections
- PESC Update & Budget
- New Development

BOARD OF DIRECTORS

Elections for the PESC Board of Directors will take place at the Annual Spring Member Meeting.

On the ballot this year:

Brian Allison*
Rajeev Arora *
Doug Falk *
James Kelly
Charles Leonhardt *
Rick Skeel
Francisco Valines *
Andy Wood *

*incumbent
IN DECEMBER 2011 PESC created the Common Data Services (CDS) Task Force with the mission to improve security, reliability, efficiency and speed in the transfer of education data. Leaders within the California Community College System requested this community development and service through PESC; and submitted a formal Letter of Intent. After several years of analysis and planning to ensure alignment & interoperation with all other community-based initiatives, CDS is formally announcing, EdExchange.

EDEXCHANGE is a data exchange platform that enables the electronic exchange of standards-based data and digital documents between academic institutions and their service providers. Achieved through an open web services architecture and associated standards, EdExchange is designed as a peer-to-peer network providing a secure, reliable, and direct connection between institutions (whether direct or through their service providers) that avoids file-based technologies.

CDS leaders have been making significant progress over the past few months and at the upcoming Spring 2016 Data Summit will make several critical announcements:

- The immediate launch of a pilot phase participants are already signed up
- Phase 1 to immediately follow the pilot scheduled for the fall
- A Steering Committee being established that will run the operations of EdExchange:
  - Rajeev Arora, Parchment
  - Tom Black, Stanford University
  - Tim Calhoon, CCC Technology Center
  - Tuan Anh Do, PESC Board of Directors
  - Doug Falk, National Student Clearinghouse
  - Jim Kelly, Educational Credential Evaluators
  - Monterey Sims, University of Phoenix
  - Jack Weber, Credentials Solutions

MEMBERS
JOIN THE CDS TASK FORCE TODAY!
BECOME A PESC MEMBER!

In joining PESC you join the rest of the admissions, registrar, financial aid, data, research, policy & education technology communities in PESC’s overall mission of global interoperability.
Interoperability is a property referring to the ability of diverse products, systems and/or organizations to work together (inter-operate).

The term is often used in a technical systems engineering sense, or alternatively in a broad sense, taking into account social, political, and organizational factors that impact system to system performance.

For systems interoperability specifically, organizations communicate through interfaces which are completely understood...each can work with the other’s products or systems without any restricted access or implementation.
We are pleased to submit to PESC this Letter of Intent to communicate that Stanford University, the University of Maryland University College, the University of Southern California & AACRAO intend to work openly, transparently and collaboratively with the education community through PESC to develop an XML-based data standard: Common Credential for Certificates, Degrees & Diplomas.

We propose development, submission and consideration of this Common Credential as a PESC Approved Standard. This proposed standard can be used by any organization, school, college and university, district and state and/or service provider to fully communicate degrees, certifications and other similar credentials obtained by the student. Our deliverables will include the XML Schema, an Implementation Guide, and Instance Documentation.

While the traditional transcript contains comprehensive information about a student’s educational experience, in some instances only a simple verification of a degree, diploma, certification or other credential is needed. While this standard does not propose to replace the traditional transcript, we look to meet the growing demand, now emerging across the landscape but especially in transfer, labor and workforce sectors, to verify credentials.
The Board of Directors of PESC is pleased to announce that PESC has been appointed by the Groningen Declaration Network as Signatory. The global initiative launched in Groningen, The Netherlands in 2012 seeks common ground in best serving the academic and professional mobility needs of citizens worldwide by bringing together key stakeholders in the Digital Student Data Ecosystem. The cornerstone principle is that citizens worldwide should be able to consult and share their authentic educational data with whomever they want, whenever they want, wherever.

With each annual meeting held after the inaugural 2012 meeting in Groningen (Beijing in 2013, Georgetown University in 2014 and University of Málaga in 2015), a new class of Signatories is invited to join the global network. PESC was honored to be invited to attend and sign-on as Signatory for the May 4-6, 2015 Annual Meeting at the University of Málaga. PESC President & CEO Michael D. Sessa, who moderated several sessions and presented to the international audience of global leaders on trust, collaboration and interoperability, was in attendance to sign the Groningen Declaration on behalf of the PESC Membership and Board of Directors.

“Recognized, credible standards are an essential component of the secure networks and repositories making up the Groningen Declaration Network initiatives,” Michael Reilly, AACRAO Executive Director, expresses. “PESC provides us with these standards to ensure the efficient exchange of educational records around the world.”

“The addition of PESC to the Groningen Declaration Network as a signatory is a clear recognition by the Executive Committee of PESC’s efforts and the importance of working with international standards organizations in this global effort,” states Rick Torres, President & CEO of the National Student Clearinghouse. “As a founding member and Executive Committee member of the Groningen Declaration Network, the Clearinghouse has been working with Ministries of Education and other government representatives globally to raise the importance of the establishment of an international framework for education credentials to be exchanged in a trusted and secure fashion. We are looking forward to PESC’s helping to inform all the work of the Groningen Declaration Network!”

“PESC’s active engagement in the Groningen process helps ensure alignment between the work being done in North America and similar efforts around the world,” explained Matthew Pittinsky, Parchment CEO. “It’s exciting to participate in the early formation of a global ecosystem of governments, educational institutions and service providers committed to enabling the secure exchange of electronic student records.”

“Everyone is very pleased with the instant resonance the Groningen Declaration Network generated on the part of PESC,” states Herman de Leeuw, Founder & Secretary, Groningen Declaration Network and DUO - Education Executive Agency, Netherlands Ministry of Education, Science & Culture. “It is this conjunction of expertise in standards, data traffic, authentication and recognition, coupled with international academic and professional mobility that will breathe life into the Global Digital Student Data Ecosystem.”

The sixteen organizations for the class of 2015 include:

- Australia – Universities Australia
- Canada – ARUCC (Association of Registrars of the Universities and Colleges of Canada)
- India – CDSL (Central Depository Services Limited) and C-NAD (National Academic Depository)
- Latvia – Academic Information Centre
- Netherlands – EP-Nuffic
- Netherlands – Groningen University
- Russian Federation – Glavexpertcentr – National Information Center
- Spain – Universidad de Málaga
- United States of America
  - CollegeNET
  - IMS Global
  - IERF
  - Parchment
- PESC
- Stanford University
- TAICEP
- University of Texas at Austin

Former classes include PESC Members: AACRAO, ECE and National Student Clearinghouse. The complete list of Signatories along with all relevant information about the Groningen Declaration Network is available at www.GroningenDeclarationNetwork.org. The 2016 Annual Meeting of the Groningen Declaration Network is scheduled for May 17-19, 2016 in Cape Town, South Africa.
Janie Barnett of AACRAO welcoming 84 invitation-only attendees at the 4th Annual Meeting in Málaga May 4, 2015.

Michael Sessa of PESC introduces CommiT, with Ann West of Internet2 and Tom Black of Stanford University.

The front entrance to the University of Málaga in Spain.

Rick Torres of the National Student Clearinghouse provides an update on a data exchange pilot with NSC & China.

Founder & Secretary Herman de Leeuw, keynote for PESC’s EDINTEROP 2014.

Banners hung throughout the city of Málaga for the 4th Annual Meeting.
DATA SYSTEMS ONLY DO WHAT YOU ASK THEM TO DO.

WHAT ARE YOU ASKING YOURS TO DO?

SOLUTIONS ARE AVAILABLE.
NOW IS THE TIME. PESC IS THE PLACE.

FOR THE COMMUNITY.
BY THE COMMUNITY.

PESC
MULTIPLE STAKEHOLDERS. ONE VISION.