

# EDEXCHANGE

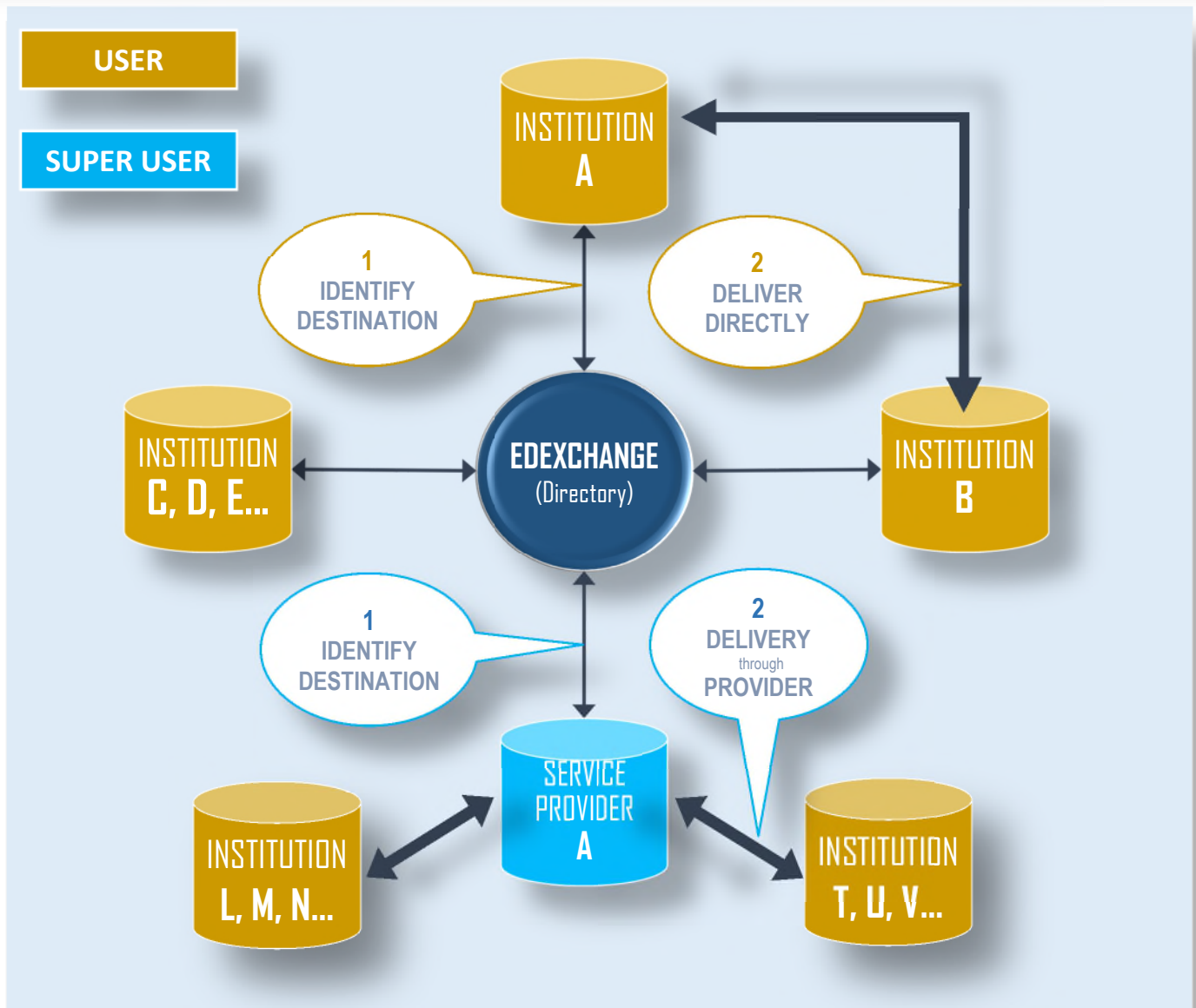


# **E D E X C H A N G E**

**A NEUTRAL DATA  
EXCHANGE PLATFORM  
ENABLING THE ELECTRONIC  
EXCHANGE OF STANDARDS-  
BASED DIGITAL DOCUMENTS  
AND DATA BETWEEN  
ACADEMIC INSTITUTIONS &  
THEIR SERVICE PROVIDERS.**

**ACHIEVED THROUGH  
AN OPEN WEB SERVICES  
ARCHITECTURE & ASSOCIATED  
STANDARDS AND DESIGNED  
AS A PEER-TO-PEER NETWORK  
PROMOTING SECURE, RELIABLE,  
& DIRECT CONNECTIONS  
BETWEEN INSTITUTIONS  
WHILE AVOIDING FILE-BASED  
TECHNOLOGY.**

# ED EXCHANGE



**USERS** are institutions that look up or use *EdExchange* to determine the destination to request or send digital documents and data.

**SUPER USERS** are organizations that look up or use *EdExchange* on behalf of a group of institutions to determine the destination to request or send digital documents and data.

**USERS** and **SUPER USERS** must register with *EdExchange* and configure their processing profile prior to actual use of the *EdExchange* service.

# ED EXCHANGE

## ***EdExchange* is the principal project of PESC's Common Data services (CDS) Task force.**

*EdExchange* operates as a User Group and participation in User Group meetings is encouraged and open to representatives of PESC Member organizations.

➤ ***EdExchange User Group Chair***

**Lou Delzompo**, CTO, California Community Colleges

➤ ***EdExchange Steering Committee***

**Rajeev Arora**, Senior Vice President of Projects, Parchment

**Thomas Black**, Associate Vice Provost and University Registrar, Student and Academic Services, Stanford University

**Mark Cohen**, California Community Colleges

**Tuan Anh Do**, PESC Board of Directors

**Doug Falk**, Vice President and CIO, National Student Clearinghouse

**Michael Sessa**, President & CEO, PESC

**Monterey Sims**, Director of Admissions and Evaluation, University of Phoenix

**Jack Weber**, Executive Vice President, Credentials Solutions

➤ ***EdExchange User Group Participants***

AACRAO

AcademyOne

ACT

ApplyAlberta

Arizona State University

Bardic Systems

BC Campus

Brigham Young University

California Community Colleges

California State University System

Credentials Solutions

ECE

Internet 2

National Student Clearinghouse

Ontario College Application Service

Ontario Universities' Application Centre

Parchment

San Francisco State University

Stanford University

Student Connections

University of British Columbia

University of Missouri System

University of Phoenix

University of Southern California



# ED EXCHANGE

## OVERVIEW & BENEFITS

The concept is that the *EdExchange* specification become a PESC Approved Standard, and then stakeholders implement and offer this standard specification, alongside their other digital services and applications, to exchange data among themselves.

With a consistent, reliable cross-sector standardized exchange, those that use, collect or exchange data can now have this option available to them. Whether connecting directly or through use of a third party service provider, *EdExchange* could provide data exchange services for all educational needs.

Additional benefits resulting from use of *EdExchange* include:

- *Use of EdExchange is voluntary and compliments previously established protocols between organizations that exchange digital documents and data.*
- *EdExchange does not limit the types of digital documents and data to be exchanged.*
- *EdExchange is not a database, and therefore, does not store digital documents or data.*
- *EdExchange requires peer-to-peer direct connections for delivery of digital documents and data.*
- *Through a partnership with Apereo, the EdExchange specification, designed with an open web services architecture, is governed as an open source community effort.*
- *EdExchange is operated by PESC and governed directly by PESC Members.*

# ED EXCHANGE

## GOVERNANCE

In 2015, the *EdExchange* User Group established a Steering Committee, ultimately governed by the PESC Board of Directors, to administer more direct management, oversight and strategic planning of *EdExchange*.

The Steering Committee is made up of nine (9) PESC member representatives; is diverse, representing the various sectors across education; is semi-autonomous, with reporting directly to the PESC Board of Directors, and; is responsible for the overall governance and operation of *EdExchange*.

Each Steering Committee seat has one (1) equal vote and simple majority rules decision-making. Terms are one (1) year effective March 1, 2017 and terminating April 30, 2018. The Steering Committee establishes its own roles, responsibilities, schedule and leadership.

*EdExchange* Steering Committee meetings occur via conference call every other Thursday at 11am (8am PST, 4pm Greenwich).

*EdExchange* User Group meetings occur via conference call every other Thursday at 11am EST (8am PST, 4pm Greenwich) and communications are supported by a PESC list.

# ED EXCHANGE

## HISTORY

The Common Data Services (CDS) Task Force launched under PESC at the Fall 2011 Data Summit. Leaders within the California Community College (CCC) System requested this community development through PESC and have remained consistent leaders and participants to this day.

With a focus on data exchange, the CDS Task Force studied and analyzed the technical landscape, monitored the political climate and adopted a specific mission:

*"to improve security, reliability, efficiency and speed in the transfer of all educational data types by developing an open web services network and associated standards to benefit the education of students, streamline processes for institutions, and facilitate the advancement of services offered for education..."*

From the CDS Task Force and with this guiding mission, a project, *EdExchange*, emerged. To support the initiative and ensure its progress, the CCC Technology Center dedicated technical staff, resources and hardware to run the service in test and throughout the pilot phase.

# ED EXCHANGE

## CURRENT STATUS

In 2016, PESC called for organizations to participate in a pilot phase of EdExchange. The following six (6) organizations volunteered and each is in some varying degree of progress within their respective pilots:

- *California Community Colleges*
- *Credentials Solutions*
- *Educational Credential Evaluators*
- *National Student Clearinghouse*
- *Parchment*
- *University of Phoenix*

## AVAILABILITY & COST

The vision is that the *EdExchange* specification become a PESC APPROVED STANDARD allowing stakeholders to implement and integrate a standard platform, alongside their other digital services and applications.

With a consistent, reliable, neutral, standardized service, those that use, collect or exchange data, now have a scalable, cost-effective option available to them rather than expending internal resources and funding to build a service on their own. Whether connecting directly or through use of a third party service provider, *EdExchange* allows data exchange services for all educational needs.

In order to realize this vision, *EdExchange* must first undergo a rigorous testing and pilot phase. Once successfully completed, availability of *EdExchange* services will be announced for widespread use.

At this time and in order to ensure *EdExchange's* sustainability, it is envisioned that *EdExchange* users would remit a nominal, annual subscription service fee allowing unlimited use of the service.