

Introduction to Standards and Networks

April 16, 2014

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Presenters

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Introduction to Standards and Networks

Standards

Committees

Standards

Networks

SPEEDE

eTranscriptCA

Vendors Role

Q & A and Open Discussion

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Standards

Committees

PESC – Postsecondary Education Standards Council

Website : www.pesc.org

Standards: EDI / XML

eTranscript California Steering Committee

Website : www.etranscriptCA.org

Standards: eTranscriptCa

Standards

Data Definitions (What it is – for recipient)

EDI (TS 130)

XML

Data Formats (How it is presented)

EDI - Segments

XML – “Tagged” `<name>` `</name>`

PDF - Image

ASCII – Flat file (for upload)

WARNING

The following slides contain images which may not be suitable for individuals who have a fear of technical details

California Electronic Transcript Workshop

A Guide to the Implementation of Electronic Transcripts and Student Records
Part 1: TS 130 - Student Educational Record (Transcript)

CRS Course Record

Pos: 250	Max: 1
Detail - Optional	
Loop: CRS	Elms: 20

To provide the receiving institution or organization with information about courses taken and the status of those courses

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CRS01	1147	<p>Basis for Academic Credit Code</p> <p>Description: Code indicating how academic credit was granted by an institution or earned by a student</p> <p>Code NAME</p> <p>A The College Board's Advance Placement (AP) Program</p> <p>B Credit by Exam</p> <p>C College Level Examination Program (CLEP)</p> <p>D Credit Awarded for US Department of Defense DANTES Program</p> <p>E Departmental or Institutional Credit based on experience (Life Experience)</p> <p>F Study Abroad</p> <p>G The College Board's (CEEB) Credit</p> <p>H Completion or Removal of an Incomplete Grade</p> <p>I International Baccalaureate</p> <p>M Military Credit</p> <p>N Correspondence</p> <p>P American Council on Education Program on Noncollegiate Sponsored Instruction (ACE/PONSI) Credit Recommendation</p> <p>R Regular Enrollment</p> <p>T Academic Credits Transferred in From Another Institution</p> <p>V Audit or Visitor Status (No Credit Awarded)</p>	M	ID	1/1	Must use

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XML

```
<Source>
  <Organization>
    <FICE>001233</FICE>
    <OrganizationName>SACRAMENTO CITY COLLEGE</OrganizationName>
    <Contacts>
      <Address>
        <AddressLine>3835 Freeport Boulevard</AddressLine>
        <City>Sacramento</City>
        <StateProvinceCode>CA</StateProvinceCode>
        <PostalCode>958221386</PostalCode>
        <AttentionLine>Admissions & Records</AttentionLine>
      </Address>
      <Phone>
        <PhoneNumber>9165582054</PhoneNumber>
      </Phone>
    </Contacts>
    <NoteMessage>CEEBACT ID = 004670</NoteMessage>
    <NoteMessage>CDS ID = 34673713457405</NoteMessage>
  </Organization>
</Source>
```


Networks

Networks provide for institution to institution transmittal of transcripts.

They do not provide ordering services.

Networks

Types of networking

Store and Forward

First institution stores the transcript on a server

Second institution comes and picks it up

Peer to Peer

Transcript is directly transmitted between two colleges

Networks

Registration

Like an address book

Who you are

How you want to receive your transcripts
(EDI, XML, PDF)

Vendors can act as third party registrar

Networks

SPEEDE – The Texas server

Originally hosted by University of Texas, Austin

Now operated by National Student Clearinghouse

Store and forward approach

Exchange partners agree on format (*EDI, XML*) in advance

Networks

eTranscript CA

Hosted by XAP

Uses a modified version. Upload in ASCII

Data is normalized and stored in a database.

Senders upload it in their preferred format.

Receivers pick it up in their preferred format.

They do not need to be the same.

eTranscriptCA Network



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Networks

Differences?

Many more colleges nationwide use the SPEEDE server.

eTranscript California is used by the large majority of public colleges in California, as well as some private institutions.

Colleges in the eTranscript CA network can trade through the SPEEDE server

Networks

Colleges in the eTranscript CA network can trade through the SPEEDE server

Do both colleges need to be members of eTranscript?

No, but

eTranscriptCA provides standardization

Ability to receive multiple formats of same transcript

Sacramento State

XML -

EDI - For Importing

PDF – For imaging system

Examples

Los Rios to Sacramento State

eTranscript to eTranscript

San Jose State to San Francisco State

Upload through eTranscript to SPEEDE

Download from SPEEDE through eTranscript

Los Rios to San Francisco State

Upload through eTranscript to SPEEDE

Download from SPEEDE through eTranscript

Networks

Networks provide for institution to institution transmittal of transcripts.

They do not provide ordering services.

Can a student order a transcript on SPEEDE or eTranscriptCA networks? No.

Vendors

Vendors – General Overview

Knowledge and experience with transcript exchange

Business knowledge and technical expertise

Provide transcript ordering support services

Student ordering

Payment processing

Order tracking and communication

Offer other products

Questions & Answers

Why do I have so many vendors and networks?