Electronic Degree Verification Pilot

April 4, 2013
Quick Facts

- National Student Clearinghouse founded in 1993
  - 501(c)(6) non-profit, non government organization
  - 15 member Board of Directors comprised of leaders in postsecondary education, K-12 education, research and education finance
  - Private, trusted and neutral

- 255 Million electronic records processed annually (SFTP)
- 2.5bn enrollment records on file
- Over 750 million annual verification requests
- Services performed at no charge to higher education institutions
- Over 140MM individual higher education students represented

95% of all enrolled students covered in the database
- Information updates at lease once a month by the schools
NSC’s services performed on behalf of participating schools can be grouped into one of four service groups:

- Compliance
- Verification 750mm/pa
- Elect Data Exchange +250MM
- Research

- Federal Reporting
- State Reporting
- Accreditors
- Enrollment
- Degrees
- Certificates
- Transcripts
- Electronic Exchange
- Networks
- StudentTracker
- Access
- Persistence
- Completion
- National Reports

Economic value add (EVA) of NSC relationship for Postsecondary Education: >$350 Million annually
The majority of our income is derived from verification services. 100% of our net income is directed to improving offerings and delivery of education services.
• Is part of the Dutch Ministry of Education
• Formed originally to assist with funding of schools within the Netherlands
• Last year we processed 2,000 non university diploma verification requests…because of the low number, the process today is manual

• Tried to find new ways to use the data in the system
  • Helping to facilitate national enrollment process via an independent portal connected to the university (Studentlink). Student data is verified by DUO on behalf of the University in the Netherlands, no data exchanged.
  • Next step is introducing a process where the student allows DUO to deliver student data to the university (Dec 2013) on their behalf.
  • Next step is the extension of this process to European Universities
Degree Verification Service Pilot

The pilot with the Netherlands DUO organization has three phases:

1. Manual trial stage
2. Automation of trial
3. Commercial rollout
Student Data:
Degree and Certificate Data Fields

- Degree title (Associate, Bac, Masters, PhD)
- Degree award date
- Major(s) and Minor(s)
- Division awarding degree
- Concentration(s) and specialization(s)
- Honors
- FERPA and financial block indicators

BOLDED = Carried by DUO and NSC
Step 1: Request a verification

Select the type(s) of verification that you would like to perform and provide the requested information for the subject. Required fields are marked with an asterisk (*).

**WHAT would you like to verify?**

- Degree or School Certificate (undergraduate or graduate)

Providing the degree, major and year will help the school research your request, if we are unable to find an immediate match for your request.

- *School: HOMETOWN UNIVERSITY*
- Degree:
- Major:
- Year:

**WHO would you like to verify?**

- *Student Name: Jane S Doe*
- Date of Birth: [ ] [ ] [ ]
- Your Reference ID:
Step 2a: Requestor agrees to Terms and Conditions
Requestor must have student permission to use system.
Step 2b: If consent is not received, the request does not get processed

<table>
<thead>
<tr>
<th>Order ID</th>
<th>Transaction ID</th>
<th>Date Requested</th>
<th>Date Notified</th>
<th>Student Name</th>
<th>DOB</th>
<th>School</th>
<th>Requestor</th>
<th>Type</th>
<th>Fees</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>100253436</td>
<td>100253937</td>
<td>06/28/2012</td>
<td>07/12/2012</td>
<td>WANG, DAVID</td>
<td>01/01/1984</td>
<td>HOMETOWN UNIVERSITY</td>
<td>ABC, INC.</td>
<td>Degree $5.00</td>
<td></td>
<td>Unable to Confirm - Consent Not Received - FERPA Block</td>
</tr>
</tbody>
</table>

**Transaction Information:**

Transaction ID: 100253937
Requested by: Barbara Smith (SMITH)
smith@email.com
Employer ABC, Inc.

We were unable to process your verification request, #100253937, because we did not receive a copy of the subject’s signed/dated consent from you. Your request has been closed without verification.

**Information you provided**

Individual: DAVID WANG
Date of Birth: 01/01/1984
Organization: HOMETOWN UNIVERSITY

Submitted: 06/28/2012
Updated: 07/12/2012
Step 3: Dutch Verification request processed and sent to “pending” for **manual processing** at DUO.

The verification order #100253944 is currently **pending** for **required research** by the educational organization's staff. The verification will be sent to notifications@studentclearinghouse.org to ensure the notification is not sent to your spam folder.

Individual: JANE DOE
Organization Name: HOMETOWN UNIVERSITY
Submitted: 07/25/2012
Updated: 07/25/2012

Request Another Verification
Step 4: US Verification confirmation to requestor

Verification Results

Order ID: 100253946
Transaction ID: 100254539

Status: Confirmed
Type: Degree
School/Organization: HOMETOWN UNIVERSITY

Information you provided:
Individual: JANE S. DOE
Date of Birth: 12/20/1986
Organization: HOMETOWN UNIVERSITY

Information verified:
Individual: JANE S. DOE
Organization: HOMETOWN UNIVERSITY
Degree: MASTER OF BUSINESS ADMINISTRATION
Awarded: 05/04/2010
Major: INFORMATION SYSTEMS MGT

Submitted: 07/25/2012
Updated: 07/25/2012
Step 4a: US / Dutch Verification
c confirmation detail provided
Step 4b: Unable to confirm message

Transaction Information:

Transaction ID: 100254437
Requested by: Barbara Smith (SMITH)
smith@email.com
Employer ABC, Inc.

We are sorry, but the Clearinghouse is unable to confirm the information you requested. Occasionally an individual’s enrollment or degree information cannot be confirmed, even when the institution has conferred a degree. This can happen, for example, when a student has previously exercised his or her right to restrict the release of information without consent or there is another hold on the student’s records. We suggest that you instruct this individual to contact the educational institution directly to request the information.

Information you provided

Individual: JOHN JONES
Organization: HOMETOWN UNIVERSITY
Submitted: 07/12/2012
Updated: 07/12/2012
Degree Verification Pilot

Key points about process:

1. Verification requests can be individual or batch
2. 80% of requests resolved in < 1 second in US
   • In pilot all Dutch verifications will be manual
US Diploma Verification Patterns

81% of DV based on degrees awarded within last 20 years;
Degree Verification Service Pilot

Key points about process:

1. Verification requests can be individual or batch
2. 80% of requests resolved in < 1 second in US
   • In pilot all Dutch verifications will be manual
3. Service offered for free to Higher Education institutions
4. Phase 3: Fgn commercial entities pay
   • In USA: all commercial entities pay
5. Student has the ability to query their name
6. No data stored in US database
Connecting diploma registers in Europe

Jan Otten
DUO
Beijing 2013
Schools & universities connected with DUO

(Primary education 7,435)
Secondary education 646
Vocational education 57
Universities of applied science 35
Universities 12

State funded institutions!!
Supporting digital process of enrollment in HE

1. Applicant logs in with national eID to national enrollment portal
2. Applicant chooses university + study/course
3. Applicant gives DUO permission to sent his personal and diploma (also actual enrollment) data to university
4. DUO sends data to university
5. University accepts student
6. Student pays his fee digitally
7. Digital enrollment completed
Supporting digital process of enrollment in HE

- Identify person
- Give educational results
- Personal data
- Diploma's + actual enrollment
- Give indication student fee
- Pers. data
- Ed. results
- Request for enrollment authorisation to pay fee
- PE

SIS

DigiD

services DUO

GBA

Stenden hogeschool

STUDIELINK

DUO
Digital international (= EU) enrollment

- Data
- Network
- Partners
Network

5 big scale projects of EC:

1. **eCodex**: develop building blocks that can be used in- or between Member States to support cross-border operation of processes in the field of justice.

2. **Spocs**: aims to build the next generation of online portals (Point of Single Contact or PSC), which every European country now has in place, through the availability of high impact cross-border electronic procedures.

3. **Epsos**: aims to design, build and evaluate a service infrastructure that demonstrates cross-border interoperability between electronic health record systems in Europe.

4. **Peppol**: Pan European Public Procurement OnLine

5. **Stork**: aims to establish a European eID Interoperability Platform that will allow citizens to establish new e-relations across borders, just by presenting their national eID.
Network building stones

- eID
- eSignature
- eDelivery (ebMS)
- ePayment
- Architecture: network without a centre
- Process modeling
- Semantic interoperability (CCTS)
5.1: e-Procurement
(General Coordination, Administrative Management & Advocacy)

WP2: Communication & Marketing

WP3: Sustainability and long-term governance

WP4: Project Legal Expertise Centre

WP5: Piloting

WP6: Building blocks Provision

- Total budget = 27,400,000 €
- >100 partners; 21 countries
- Duration Q1 2013-Q1 2016
- Involvement of other LSPs
Partners

- Belgium (Flanders)
- Norway?
- Sweden?
- Spain?
Hartelijk Dank

(Thank you very much)