S2S Proposal Submission

Florida Research Administrators Conference – 2015

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Questions for you…

Who has submitted proposals using Grants.gov's Adobe forms?

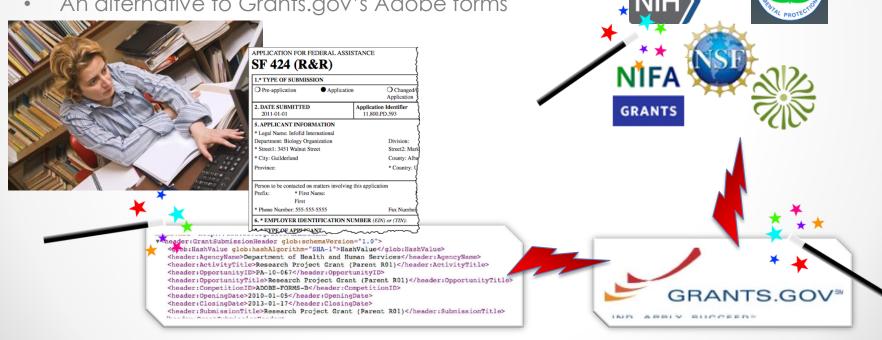Who has submitted proposals using NSF FastLane, NASA NSPIRES, proposalCENTRAL, etc.?

Who has used an S2S system for submission?

What is S2S?

Why use S2S?

A few words about risk…
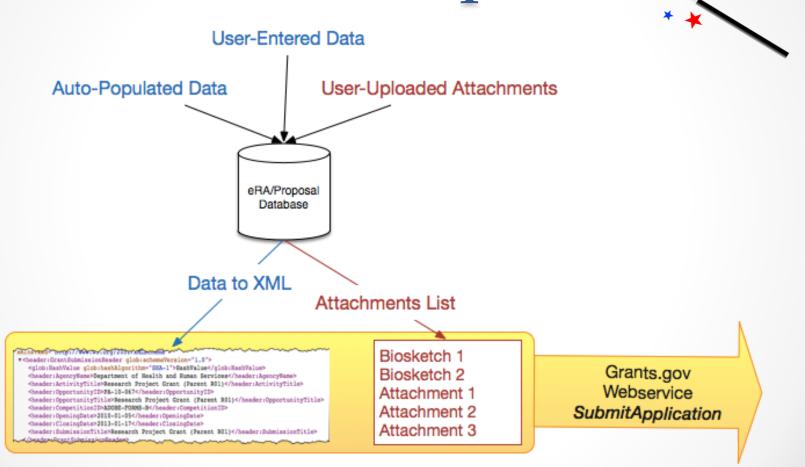
Costs and moving forward

What is S2S?

S2S = System-to-System

- A method of sending data electronically
- XML (eXtensible Markup Language)
- Streams across the internet
- An alternative to Grants.gov's Adobe forms

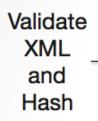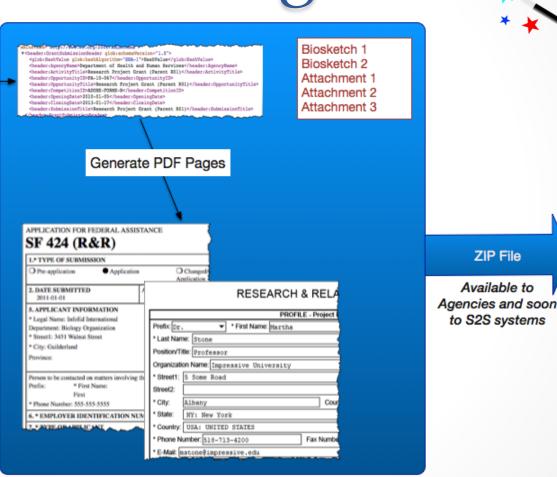*Grants.gov has always supported S2S*

The Magic Behind S2S – On Campus –

The Magic Behind S2S – Grants.gov –

Validate XML and Hash

Biosketch 1
Biosketch 2
Attachment 1
Attachment 2
Attachment 3

Generate PDF Pages

APPLICATION FOR FEDERAL ASSISTANCE

SF 424 (R&R)

1.* TYPE OF SUBMISSION

○ Pre-application   ● Application   ○ Changed/
Application

2. DATE SUBMITTED
2011-01-01

5. APPLICANT INFORMATION
* Legal Name: Infold International
Department: Biology Organization
* Street1: 3451 Walnut Street
* City: Guilderland
Province:

Person to be contacted on matters involving th
Prefix: * First Name:
                First
* Phone Number: 555-555-5555

6. * EMPLOYER IDENTIFICATION NUM
7. * TYPE OF APPLICANT

RESEARCH & RELA

PROFILE - Project

Prefix: Dr.   * First Name: Martha
* Last Name: Stone
Position/Title: Professor
Organization Name: Impressive University
* Street1: 5 Some Road
Street2:
* City: Albany   Cour
* State: NY: New York
* Country: USA: UNITED STATES
* Phone Number: 518-713-4200   Fax Numbe
* E-Mail: mstone@impressive.edu

ZIP File

Available to Agencies and soon to S2S systems

FRAC 2015 - S2S

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The Magic Behind S2S – Agency –

- NIH
  - o Use XML to build form pages and populate backend database
  - o Create *grant image* for Commons *(their* pages with attachments)
- NSF, NASA
  - o Uses XML & attachments to populate FastLane, NSPIRES, etc.
- Other agencies use Grants.gov's PDF pages plus the attachments to build review packages.
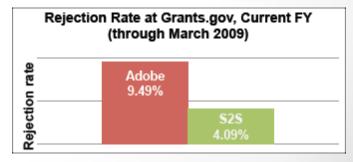 - o These are not accessible to investigators/institutions.
- Some agencies use XML to populate backend systems, some re-key important data manually

eRA Environment

Why use S2S?

- Consistent user interface
- Auto-population of data
- Automatic calculations
- Track institutional data
- Validations
- Submission tracking
- Fewer errors/greater acceptance on first submission

Rejection Rate at Grants.gov, Current FY (through March 2009)

Rejection rate

Adobe 9.49%

S2S 4.09%

Its Your Data…

With S2S, you enter data into your own system and then send it to Grants.gov from there.

- No re-keying
- What you sent is what you have internally (no post-submission data entry errors)
- Data are immediately available for reporting
- Proposal records can be electronically manipulated based on institutional business process

After Submitting…

- S2S submissions get the same notifications from Grants.gov and agencies

- No visible difference between applications submitted directly vs. via Grants.gov (NSF, NASA)

Submission Risks

Submission Risks

- PI, program and admin staff
- Computers and printers
- Last call for FedEx…

eSubmission Risks

- IT networks and staff, additional software
- Internet, Grants.gov and agency systems
- S2S Certificate (e.g., expiration)

Risk Management

Protect – Mitigate – Recover – Contingency Planning

- Avoid problems
  - Training
  - Backups for staff

- Know what's 'in progress'
  - Reports or notifications
  - Know when your S2S certificate expires

- Start early so you have time to deal with problems
  - Try to submit *before* the day of the deadline

- Whenever something goes wrong – analyze it!
  - Build in systemic ways to avoid this one in the future if possible.

How Much Does It Cost?

Lots of options exist for implementing a system including S2S capability.

- Install on institutional hardware
- Host at a third party
- Cloud-based, software-as-a-service

Institutions of all sizes are exploring cloud-based systems, out-sourced configuration management services and subscription pricing to reduce costs.

Moving Forward

- Schedule a demonstration…
  - There are lots of similarities between vendor systems, but each looks different and each has strengths that may be important to you.
  - Vendors will do brief demonstrations at no cost/no commitment.
  - This can get you thinking about ways that you could benefit from the features an eRA – and S2S – system can provide.

- Define your institutional short- and mid-range goals
  - Try to think out 3-5 years
  - What are the most important features for your institution:
    - Proposal/budget development, S2S, reporting…

- What are the options for growth?
  - Do my options differ based on cloud vs. local install approach?
  - Can the original installation be expanded; is a new installation required?
  - What are the costs to add features or expand into new functions?

eRA/S2S Providers

- ERA Software
  - http://www.smartgrant.net
- Evisions (Cayuse)
  - http://www.evisions.com
- Huron (Click)
  - http://www.huronconsultinggroup.com/Expertise/Software/Click_Portal
- InfoEd Global
  - http://www.infoedglobal.com
- Key Solutions
  - http://www.keyusa.com
- Kuali Coeus
  - http://www.kuali.org/kc
- RAMS grantsERA
  - http://www.mlweekes.com/content/77/

Questions for Us

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