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Storefront Architecture

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Agenda

- Program Overview
- E-Grants Store Front Architecture
- “Apply” pilot timeline
- Questions

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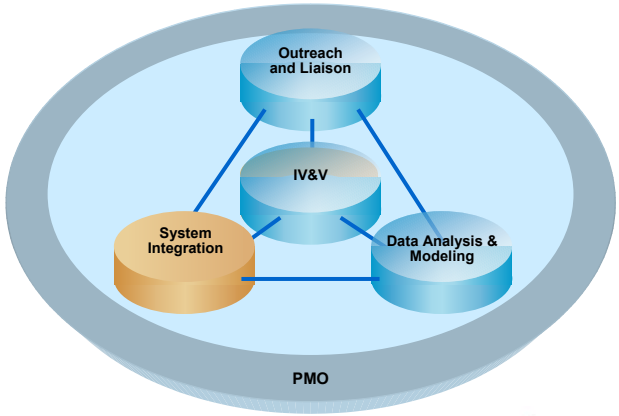
The grants.gov Project Teams



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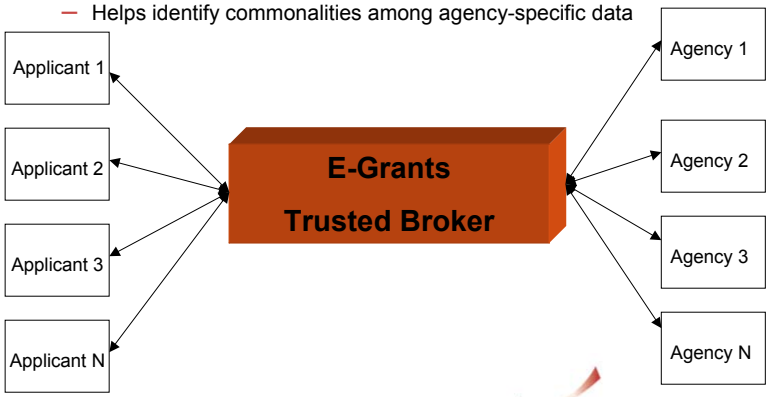
Single System Solution

- Trusted Broker Embodies Standards, Benefits Applicants and Agencies:
  - Sub Builds applicant knowledge of "core" data
  - Helps identify commonalities among agency-specific data



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System Architecture

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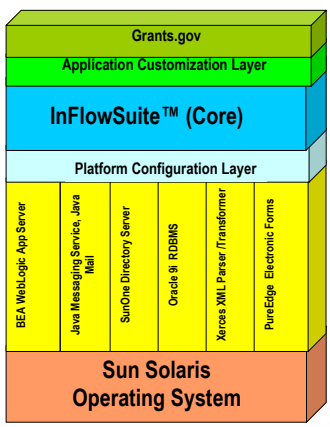
Grants.gov Software Architecture

InFlowSuite Product Set

Commercial Software Platform



- Submission object model for representing submissions
- Object class library for manipulating submission objects
- Servlets for common submission management functions
- Customizable Java Server Pages complete application

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Grants.gov Software Products

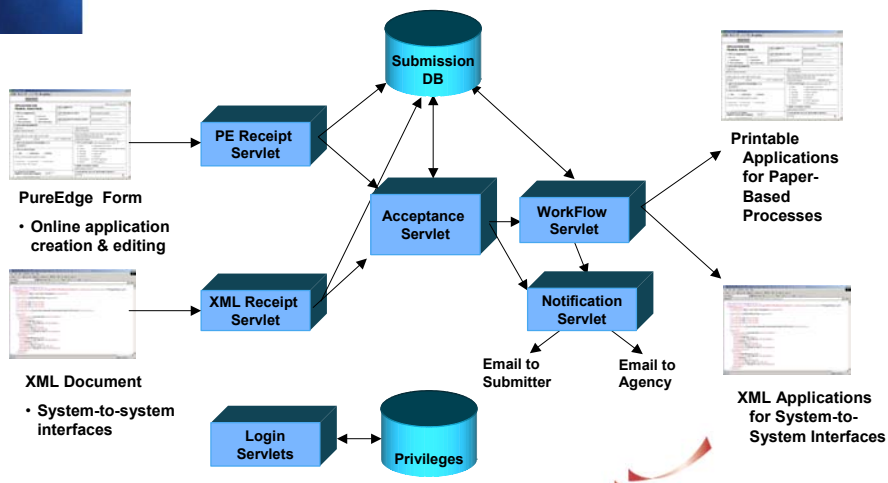
- Northrop Grumman InFlowSuite™
- PureEdge Electronic Forms
- Oracle RDBMS 9i
- Sun Solaris
- BEA WebLogic v7

PureEdge - Downloadable Electronic Forms

- PureEdge™ electronic forms support off-line application preparation
  - SF424 Plus Attachments
    - Forms can be arranged as downloadable packages
    - Package can identify mandatory, optional and “conditionally mandatory“ forms
  - Provides for extensive data edit and validation at the user’s desktop
    - Mandatory, optional, and conditionally mandatory fields
    - Field format (e.g., telephone number, ZIP and ZIP+4, SSN/EIN)
  - Supports automated propagation of data among forms

Work in progress is stored and managed on submitter’s machine

InFlowSuite Grant Application Processing



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"Apply Pilot Timeline"

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Apply Pilot Scope

- Timeframe: June 30-August 15
- Two Software Releases:
  - Version 1
    - Ability to Download and Submit Applications for Programs with Core Data
    - Agency Profile and Roles
    - Integration with CCR, E-Auth, and CFDA
    - Agency Integration – ZIP File with PDF & Attachments

Apply Pilot Scope (Cont.)

- Version 2
  - All of the Above plus Programs with Non-Core
  - Integration with FedGrants (Find module)
  - Agency Integration – XML File with System-to-System Interface (Web Services)
  - Applicant System-to-System Interface

Criteria for Success

- Pilot 80% of October Functional Requirements
- Pilot at Least One Non-Core Program
- Minimum of 15 Agencies Participate
- Minimum of 45 Applications Received
- Pilot Available on June 30th

Getting Ready

- May 30th – Agency Letter Soliciting Participation
- June 2nd – Outreach to Applicants Begins
- June 16th – Due Date for Agency Sign-Up & Identification of Program
- End of June
  - User Guide
  - FAQs Available
  - Agency Set-up in Grants.Gov

Timelines

- June 30th – Pilot Begins, Version 1 Release
- Mid-July – Begin Evaluation of Pilot
- July 30th – Version 2 Release
- August 15th – Pilot Ends
- End of August – Lessons Learned Document

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Questions

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