

Access Authentication

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SOLUTION TEAM REPORT

NOVEMBER 6, 2013



Project Goal

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- Ability, Regardless of (DOI/USDA) Agency Affiliation to
 - Efficiently Access DOI or FS Network
 - ✦ Use IT Equipment Issued by Either Agency
 - ✦ Access Applications Internal or External to Network
 - ✦ Share Peripheral Equipment (i.e. Printers, etc.)

AND

- Provide for Reciprocal File Sharing and Shared Email
 - For Federal and NON-Federal Partners



Background

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- **Business Needs Identified Nearly 20 Years Ago Still Exist Today**
 - ✦ IIOG Field Trips
 - ✦ WFIT Initiative
 - ✦ Chartered by IIOG May 2009; WFIT Revitalized April 2013
 - ✦ Business Requirements Re-Validated and Confirmed
- **Enabling Project Accomplishments**
 - ✦ MOU for Interagency Recognition of Credentials and Security Controls – Nov. 2010
 - ✦ Interconnection Security Agreement
- **To Date Business Needs Have not been Facilitated**
 - ✦ Resource Shortages
 - Agency Expertise with Authority to Implement
 - ✦ Previous Disagreements on Approach to Solution
- **HIGHEST PRIORITY as Identified by Business Stakeholders**



Approach

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- **Full Interagency Team**
 - ✦ Technical, Business, Security SME Team
 - ✦ Quorum, Unanimous Agreement on ALL Decisions
- **Revalidated Business Needs**
 - ✦ Found a Few New Ones
- **Evaluated Options and Alternatives**
- **Identified Quick Wins**
- **Provide Value, Risk, Cost Analysis and Ranking**



Alternatives

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- **Four Options**
 - None Individually Meet Majority of Business Needs
 - When Combined, viable Alternatives Include:
 - ✦ Alt 1 - One AD/Network w/External Public Cloud
 - ✦ Alt 2 - DOI / USDA Inter-Forest Trust w/External Public Cloud
 - ✦ Alt 3 - One AD/Network w/Internal Cloud Hosted by One Agency Only
 - ✦ Alt 4 - DOI / USDA Inter-Forest Trust w/Internal Cloud Hosted by One Agency Only
- **Some Business Needs Remain Outside Scope of Project**



Why Now?

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- **Previous Technical Impediments Have Been Removed**
 - DOI EAD Consolidation and USDA EAD Consolidation
 - ✦ Improves Feasibility
 - ✦ Easier and More Secure
 - ✦ Enterprise Solution Applications Easier
- **Enabling Project Accomplishments**
 - ✦ MOU for Interagency Recognition of Credentials and Security Controls – Nov. 2009
 - ✦ Interconnection Security Agreement Created
- **Interagency Team Agreement on Solution**



Recommendation

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- **Team Recommendation**
 - Alt 2 - DOI / USDA Inter-Forest Trust w/External Public Cloud
- **Quick Wins**
 - Re-Open USDA Email to Web Access
- **Next Steps**
 - Select Alternative, Develop Project Plan, Dedicate Resources
 - Initiate Tiger Teams to Resolve Problems Outside Scope

