ADE IT Modernization Effort: SAIS Updates

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SAIS Roadmap – Updates

SAIS Day to Day

*Bug Fixes
*Customer Emergencies

SAIS Phase III
Aug 2011

*Hardware upgrades
*Potential processing speed increase by 300%
COMPLETED 8/1/11
*Provide vendor-supported platform

40 Day Aggregation Oct 5, 2011

SAIS 90 Day Optimization Nov 2011

*Upgrade servers OS and optimize database platform

SAIS 220 Day Feb 28, 2012

* Real Time Integrity
* System Re-Architecture
* Component Optimization

SAIS 360 Day May, 2012

*Convert SAIS to SOA (Service-Oriented Architecture

AELAS 2014

*"Vendor Agnostic" service deployed to districts that wish to subscribe
*Pay For Service" model
*Allows for PARRC assessment
*Transformational Education Service available to all

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SAIS Improvements to Date

- Behind the scenes improvements
  - Upgraded database server operating system
  - Fully functioning SAIS test environment
  - Migrated the CertMaster database
- Users now have increased performance and fewer service interruptions
  - The most recent integrity data run Nov 24-26 yielded a 20% reduction in processing time

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SAIS Improvements to Date

- ▶ SAIS vendors
  - Reaching out to all vendors and updating contacts
  - Working to get a monthly SAIS support technical call

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Status Updates – Nov 2011

- SAIS Optimization Assessment
- AZ-SLDS Dashboard
- ADE Financial System – Great Plains
- Identity Management System – FIM
- AELAS – Business Case
- AELAS – New platform concept
- Data Governance Commission
- Ad Hoc Committee

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Identity Management Solution (IMS): Common Logon

- Common Logon, EduAccess and other logons will be combined for a single sign on
- Increase data security and accountability
- LEAs would be able to request access on portal

- Impacts to the user
  - Password complexity – users will need to create stronger passwords
  - Some users at the LEA level have multiple Common Logon user IDs that will be consolidated to a single user ID
  - Users will be able to self-service password changes and access requests

End Result: A single sign on ID and password with increased data security, LEA access management and an enhanced self-service center

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Enterprise Architecture (EA)

- Creating consistency in the underlying technology infrastructure
- Easy access to ADE data warehouses
- Flexibility to adapt quickly to changes in technology

End Result: A consistent, reliable way for ADE IT to be more responsive to technology changes

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Common Educational Data Standards (CEDS)

- Supports the effective exchange of data within and across states, as students transition between educational sectors and levels and for federal reporting
- Common vocabulary enables more comparable data throughout all education levels to improve student achievement

End Result: Standardized communication across districts and states

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Business Case

- ## Research market landscape
  - Vendors, products, pricing, usage and high-level requirements
- ## Research technical requirements
  - System architecture, standards and vendor guidelines
- ## Supporting Activities
  - Regional focus group facilitations, surveys, key partnerships, steering committees and site visits

End Result: **Evidence-based market and technical research to justify subsequent phases of the AELAS: EMIS program resulting in a business case and Request for Proposals**

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Questions?