

Arizona Association of Institutional Research



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Research

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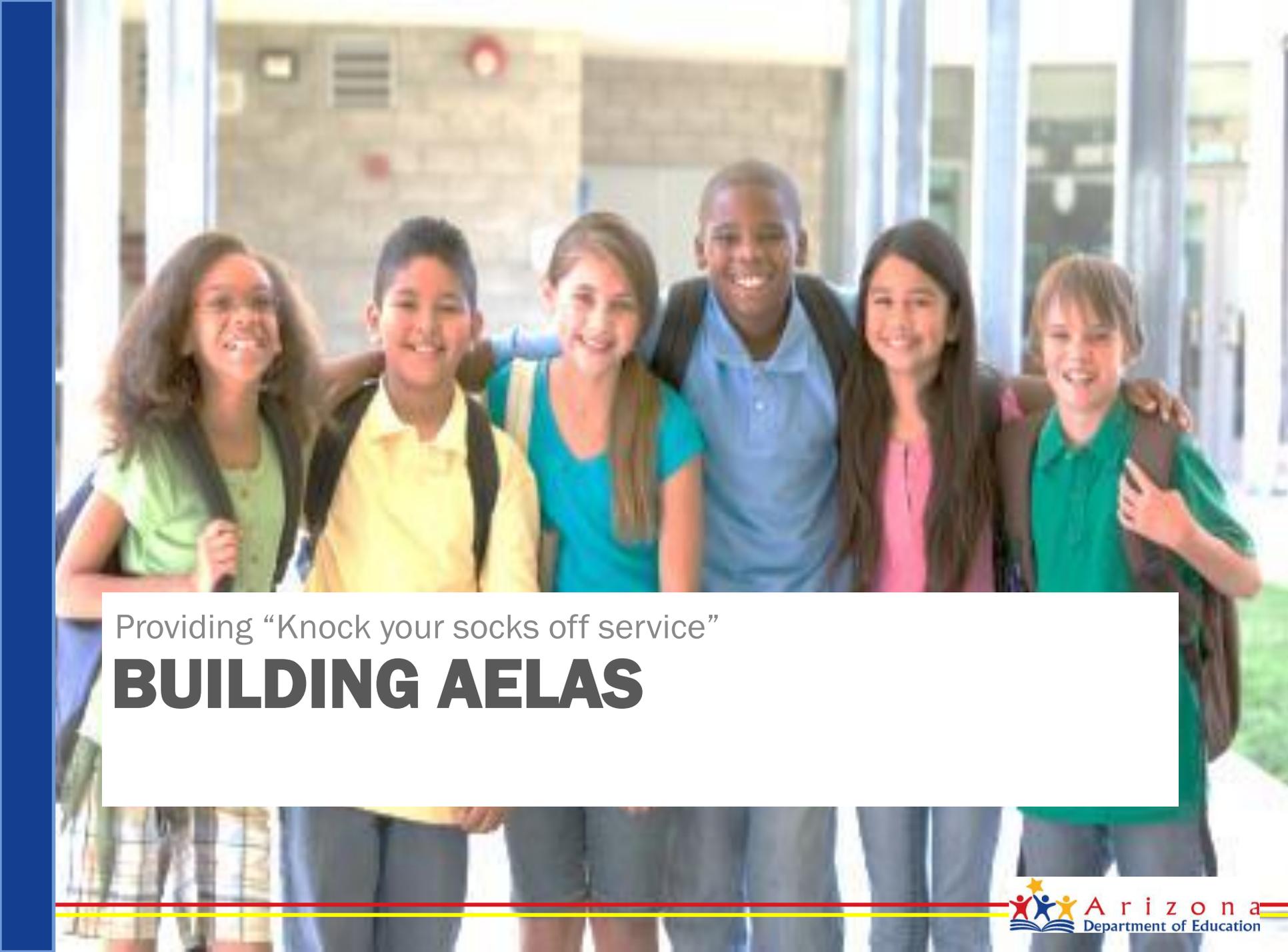
SAIS Then

The house was falling down around us

SAIS Now: Stabilized

- Nearly 1,000 bug fixes
- Available 99.99%
- 100% calls answered within 45 seconds
- SAIS open on time FY12 first time since 2003
- Processing time increased 200%
- First time “on time” 40-day aggregation
- LEAs able to plan and budget
- Fast and accurate funding for customers





Providing “Knock your socks off service”

BUILDING AELAS



Enterprise Architecture



AELAS Business Case



Data Warehouse



SAIS Reengineering



Application Lifecycle Management



Student-Teacher Connection



SAIS Replacement



IMS/FIM

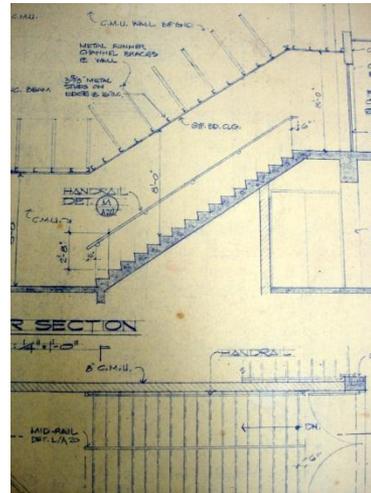


AZ-SLDS

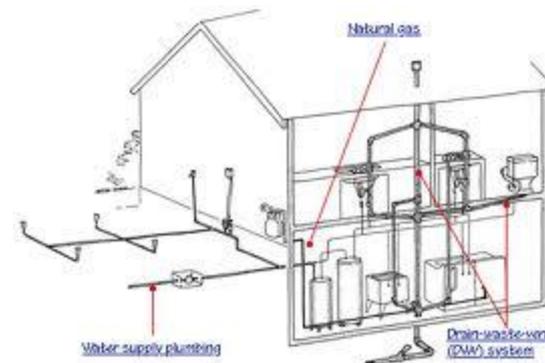
**AELAS
Education
Intelligence**

Enterprise Architecture

- Overall improved IT landscape guided by governance, roadmaps, SLAs, and documentation
- Align ADE Business and IT units for planning and execution
- Completion of project in Oct 2012



Objective: Create IT process and policy roadmap to increase efficiency and effectiveness



AELAS Business Case

- Market research and feasibility study for statewide data system
- ADE leadership and key stakeholders promote program participation with outreach campaign



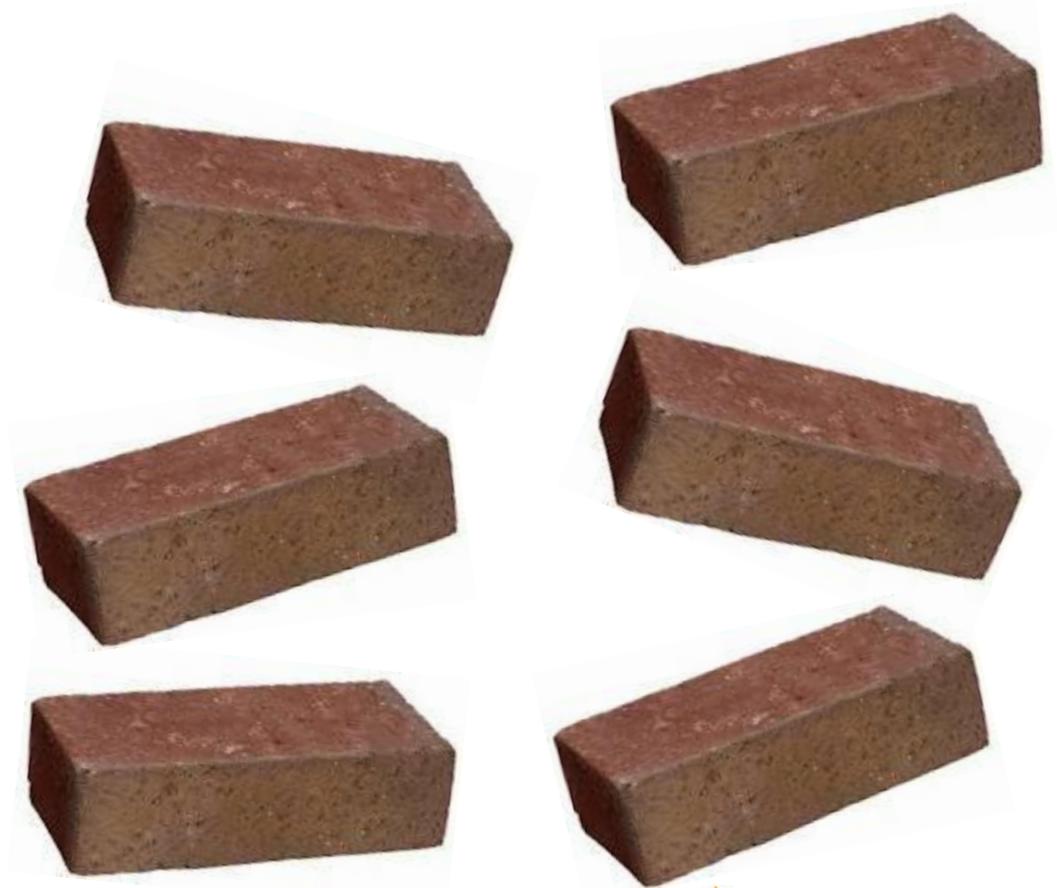
Objective: Involve stakeholders in proposed design for statewide data system



Data Warehouse

- The data in the SAIS Student Details system are submitted by the LEAs
- The data in the AIMS system are submitted by the testing vendor

Objective: Enables internal analysts to perform data analysis and create reports on student membership, student needs and program participation and student AIMS achievements.



SAIS Reengineering

- Student Accountability Information System “re-engineering” and optimizing system performance
- Business processes all the way thru payments have been documented.

Objective: ‘Map the mess’ to identify core functions and processes and understand what SAIS needs to be and how it has to work



Application Lifecycle Management

- Systematic approach to managing software requirements for ongoing and new IT applications.
- Increases productivity as the team focuses on current business requirements
- Reduces “down time” due to rework and redundancies
- Avoids unnecessary activities with automation



Objective: Changes to IT systems are documentable, auditable and repeatable, increasing overall flexibility and efficiency



Student-Teacher Connection

- Defining the AZ Standard Course Codes
- Mapping LEAs, Charter Holders and Charter Schools to the AZ Standard Course Codes

Objective: Establish link between students, teachers and courses

- Post-Secondary data

Objective: Inform how our students are successful in post-secondary education





SAIS User Functional Requirements

- Articulate SAIS core functions from beginning to end
- Provide software vendors blueprint for new system
- SAIS assessments guide the requirements process

IMS (FERPA)

- Establish and implement an identity management solution providing a single sign on as well as increased system security

Objective: Improve and simplify security with federation capability, providing users single logon capability and improved compliance with FERPA





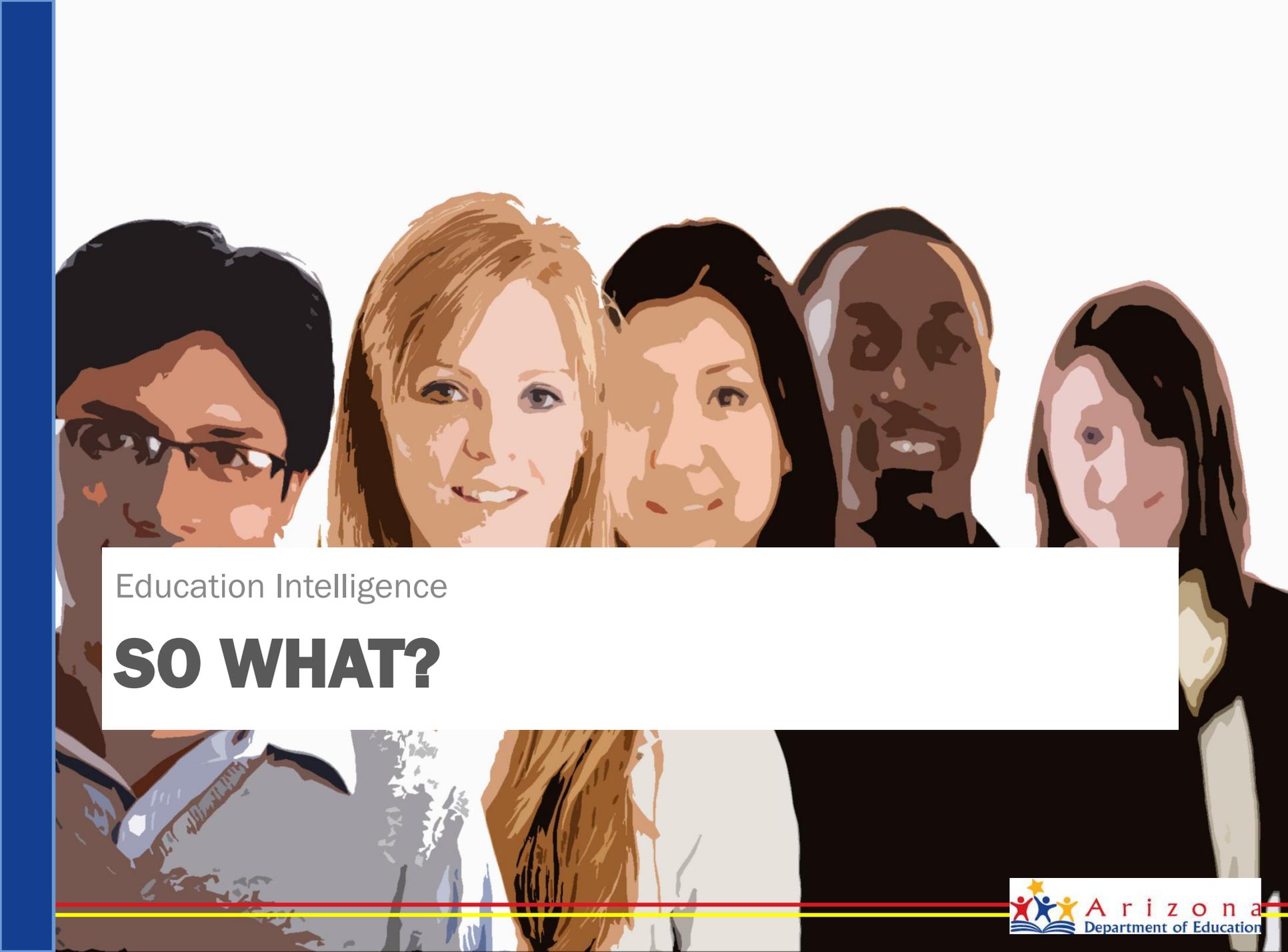
SLDS Dashboards

Visual representation of student level data

Objective: Provide aggregated data to the public







Education Intelligence

SO WHAT?



**Getting to
the single
source of
education
truth**

Thank You



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