

ADE IT Modernization Effort Update



Presented to:

Data Governance Commission

November 22, 2013

Mark T. Masterson

Chief Information Officer

Agenda

- Introduction Of New Members
- Presentation by Carrie O'Brien: The Current State Of Student Privacy
- Policy Discussion by Chris Kotterman/Aiden Fleming/Ed Jung: Elements Of Student Privacy
- Presentation by Mark Masterson: Ed-Fi Mapping Update
- Mark Masterson: Budget Update



Carrie O'Brien

THE CURRENT STATE OF STUDENT PRIVACY

Family Educational and Privacy Rights Act (FERPA)

20 U.S.C. 1232g and 34 CFR Part 99

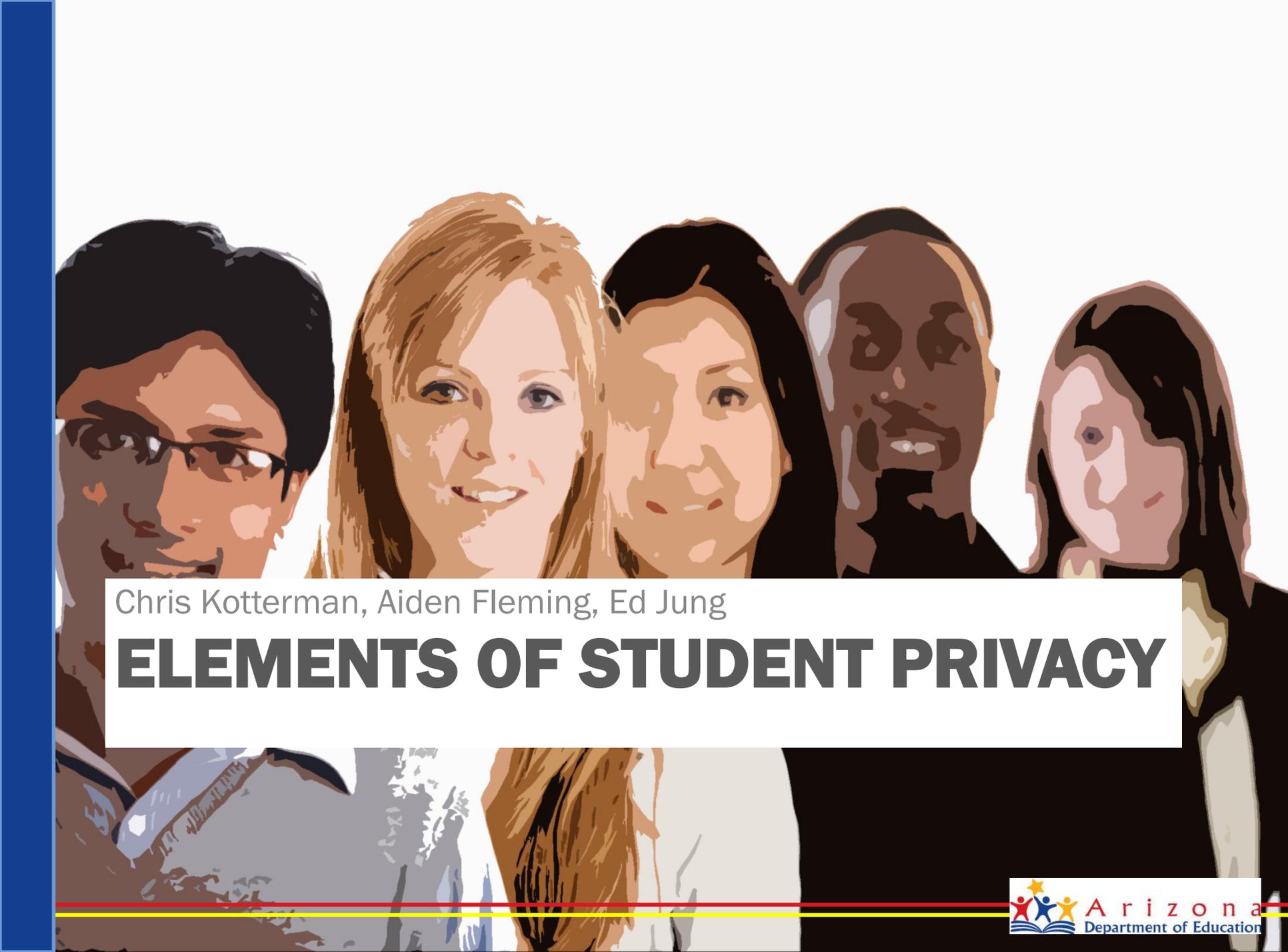
- An education record belongs to the student
- The right to control access to education records is held by a parent and/or an eligible student.
- Education records and personally identifiable information from education records **cannot** be disclosed without consent of the parent or eligible student, unless specific conditions are met.
- Arizona law incorporates federal law—covering any record maintained by ADE.

What is an education record?

- Records that are directly related to a student, and
- Maintained by an educational agency or institution or a party acting for an educational agency or institution. (34 CFR 99.3)

What is Personally Identifiable Information?

- The student's name;
- The name of the student's parent or other family member;
- The address of the student or student's family;
- A personal identifier, such as the student's SAID ID;
- **A list of personal characteristics that would make the student's identity easily traceable; or**
- **Other information that would make the student's identity easily traceable.**



Chris Kotterman, Aiden Fleming, Ed Jung

ELEMENTS OF STUDENT PRIVACY



Mark Masterson

ED-FI MAPPING UPDATE

Project goals

- Provide a single source of data for all student information that can be utilized across program areas within ADE
- Eliminate duplicate data collections from the LEAs for all student information
- ADE will use an integration tool that gets consistent, standards-based data out of the disparate LEA systems by implementing Ed-Fi/CEDS
- Provide near real-time data collection instead of 40/100/EOY

Project scope

1. Identify data collection points (completed)
2. Map data elements to the Ed-Fi standard (in progress)
3. Create SIS vendor specifications (in progress)
4. Document data processing and integrity business rules (in progress)
5. Develop Ed-Fi extractors
6. Populate a Student Operational Data Store

Data collection points

- Identified approximately 210 collection points validated by program areas
- Prioritized collection points 27 related to student information
- The elements (394) of all the prioritized collection points have been mapped to Ed-Fi

Map Data to the Ed-Fi Standard

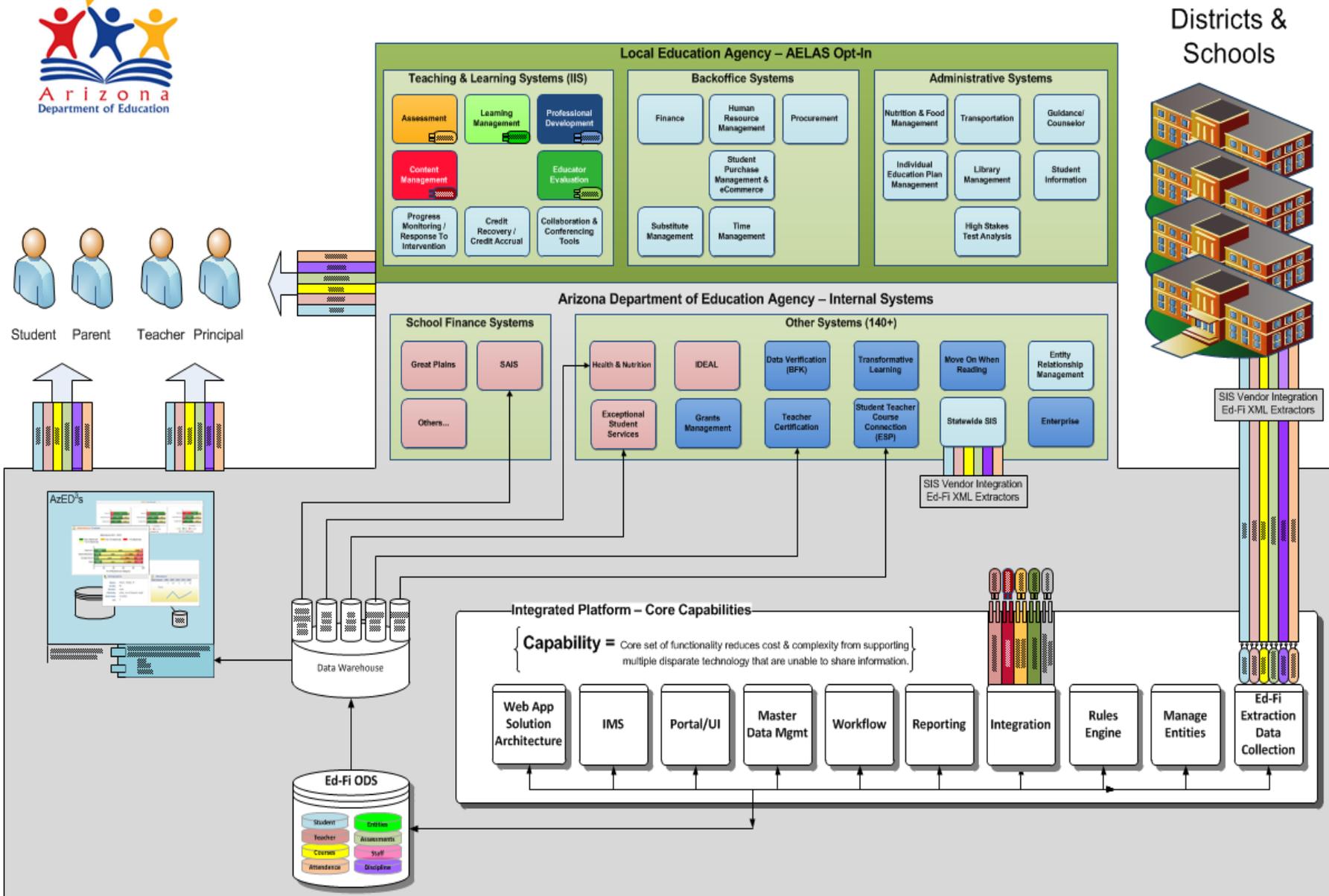
Data Collection	Element	Element Definition	Mapping Business Logic
Student Section Enrollment	Student Birthdate	The student's birthdate. Optionality: Required	For a Student (identified by StudentSchoolAssociation.StudentReference): [Student.BirthData.BirthDate]
Student Section Enrollment	Student First Name	The first or given name for the student as reported in SAIS. Optionality: Required	For a Student (identified by StudentSchoolAssociation.StudentReference): [Student.Name.FirstName]
Student Section Enrollment	Student Gender	The student's gender. Optionality: Required	For a Student (identified by StudentSchoolAssociation.StudentReference): [Student.Sex]
Student Section Enrollment	Student Last Name	The last, family, or sur name for the student as reported in SAIS. Optionality: Required.	For a Student (identified by StudentSchoolAssociation.StudentReference): [Student.Name.LastSurname]
Student Section Enrollment	Student Middle Initial	The middle initial of the student as reported in SAIS. Optionality: Optional	For a Student (identified by StudentSchoolAssociation.StudentReference): [Student.Name.MiddleName]

SIS vendor specifications

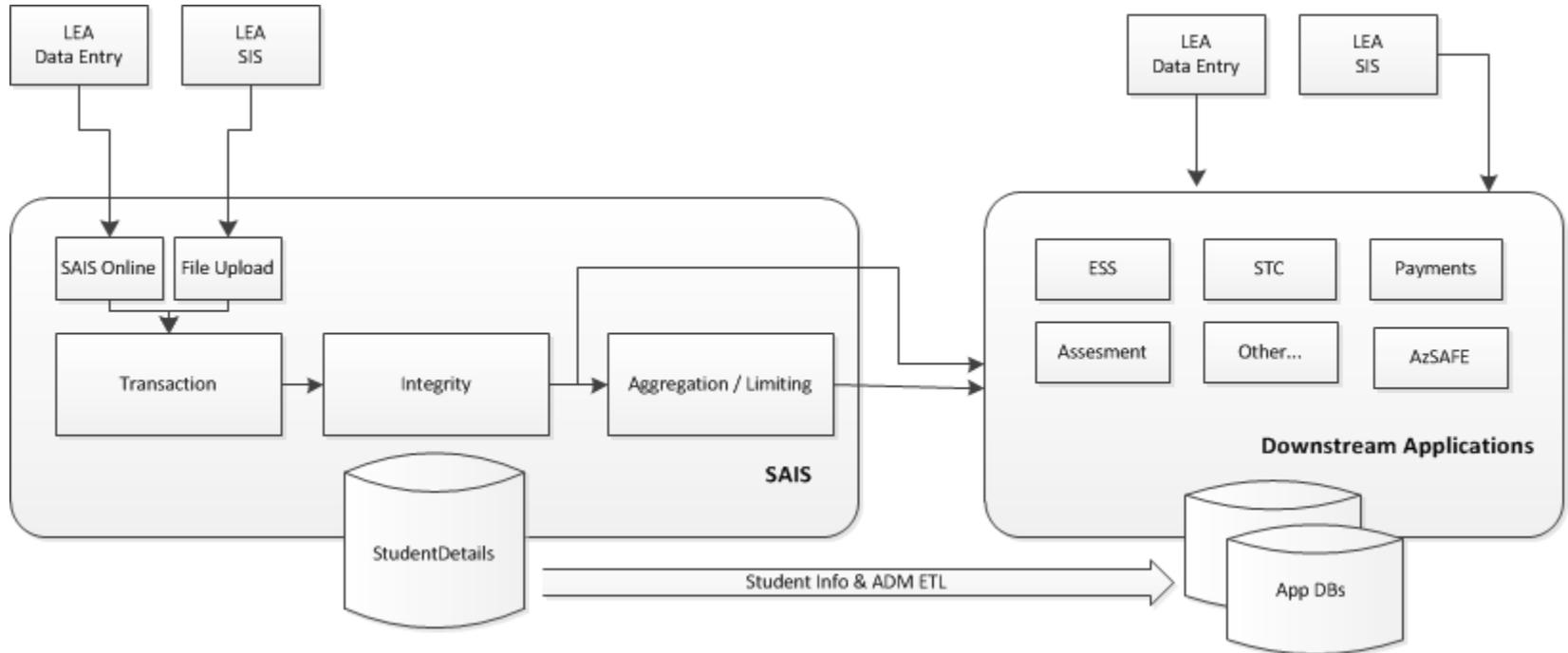
- SIS vendor specifications are being developed in partnership with the Michael and Susan Dell Foundation
- Vendor specification is a standard file specification encompassing all Ed-Fi mapped elements
- Engage SIS vendors so that data to ADE can be provided per the specifications



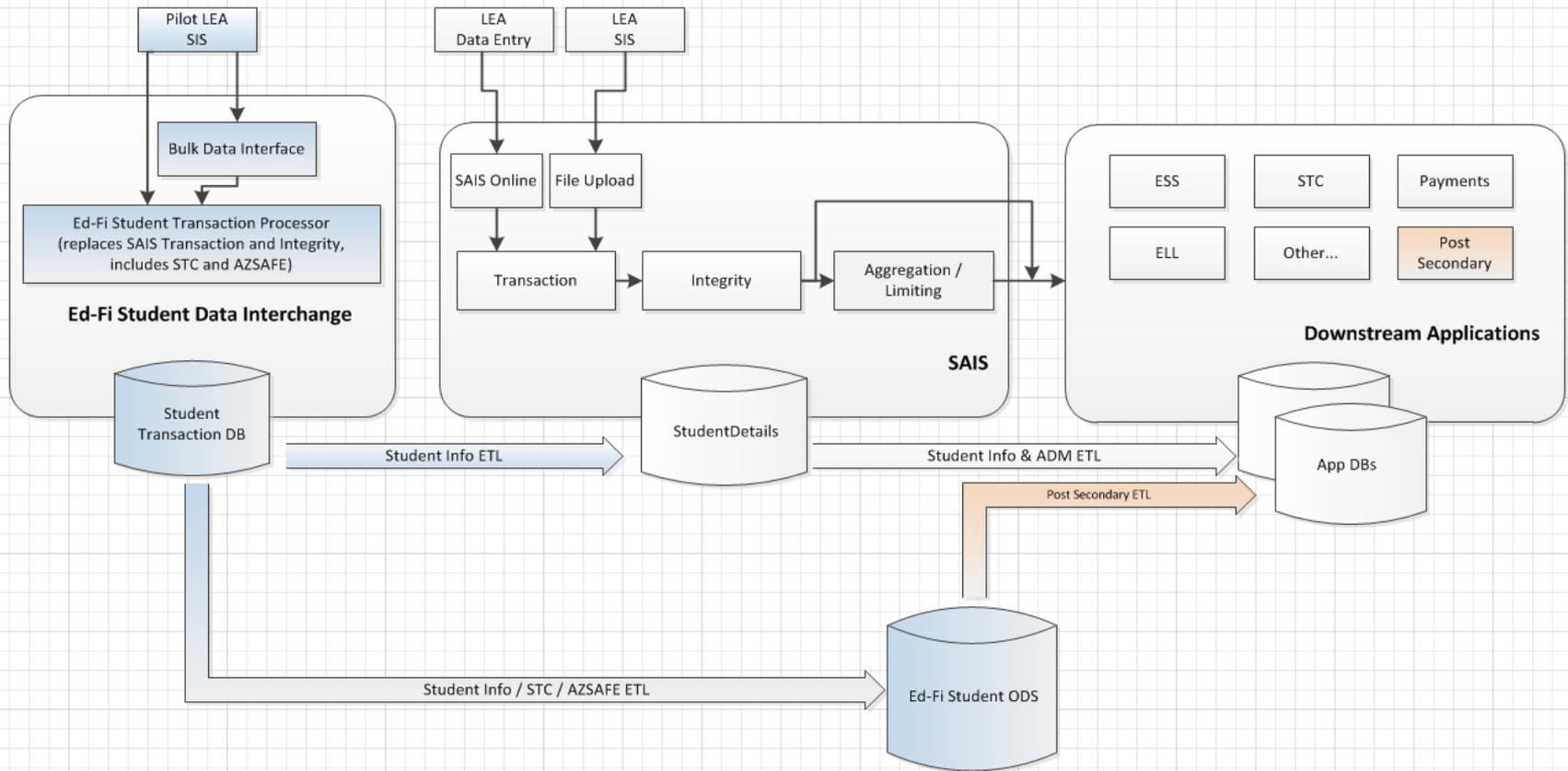
Arizona Department of Education - Conceptual Architecture



Current



SIS-Ed-Fi-SDS scope



Stakeholder commitment

- Assist in identification of all student data collection points
- Share data workflows and business rules
- Assist in creating documentation for undocumented data processes and rules
- Review/approve data element list

A young woman with dark hair in a braid, wearing a white sweater, is writing on a whiteboard with a black marker. In the background, a young man in a blue and grey shirt is also writing on a whiteboard. The setting is a classroom with a bulletin board and papers visible in the background.

Mark Masterson

BUDGET UPDATE

AELAS budget summary

Program	Budget	July Actual	Aug Actual	Sept Actual	Oct Actual	YTD Total	Balance
Program Support Office (PSO)	\$ 1,000,000	\$ 76,742	\$ 116,289	\$ 65,161	\$ 103,764	\$ 361,955	\$ 638,045
Arizona Education Learning and Accountability System (AELAS) - Student Information System (SIS)	\$ 450,000	\$ 12,076	\$ 11,861	\$ -	\$ 48	\$ 23,984	\$ 426,016
Arizona Education Learning and Accountability System (AELAS) - Education Data Fidelity (Ed-Fi)	\$ 2,000,000	\$ 8,720	\$ 41,356	\$ 47,293	\$ 102,485	\$ 199,854	\$ 1,800,146
Arizona Education Learning and Accountability System (AELAS) - School Finance	\$ 800,000	\$ 22,982	\$ 86,870	\$ 65,983	\$ 72,156	\$ 247,989	\$ 552,011
Student Longitudinal Data System (SLDS) - Arizona Education Data Driven Decision System (AzED3S)	\$ 2,750,000	\$ -	\$ -	\$ -	\$ 632,949	\$ 632,949	\$ 2,117,051
TOTAL	\$ 7,000,000	\$ 120,520	\$ 256,376	\$ 178,437	\$ 911,401	\$ 1,466,731	\$ 5,533,268

Questions



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