



gems



**Growth and Enhancement
of Montana Students**

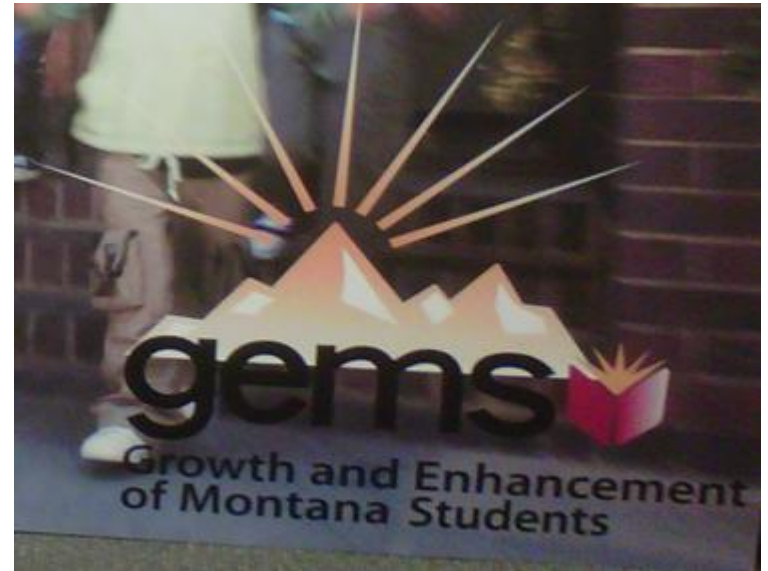
Montana's New Statewide Longitudinal Data System (SLDS)

Agenda

- Overview
- Demonstrations
- Secure Data Access
- Technology
- Future Plans
- Questions

Overview

Growth and
Enhancement of
Montana
Students



*A “Data Warehouse”
project...
A “Statewide Longitudinal
Data System”...*

Origin and Rationale



Statewide Longitudinal Data Systems Grant Program
Designing, Developing, Implementing, & Using Longitudinal Data Systems to Improve Student Learning

... to help States, districts, schools, and teachers make data-driven decisions to improve student learning, as well as facilitate research to increase student achievement and close achievement gaps.



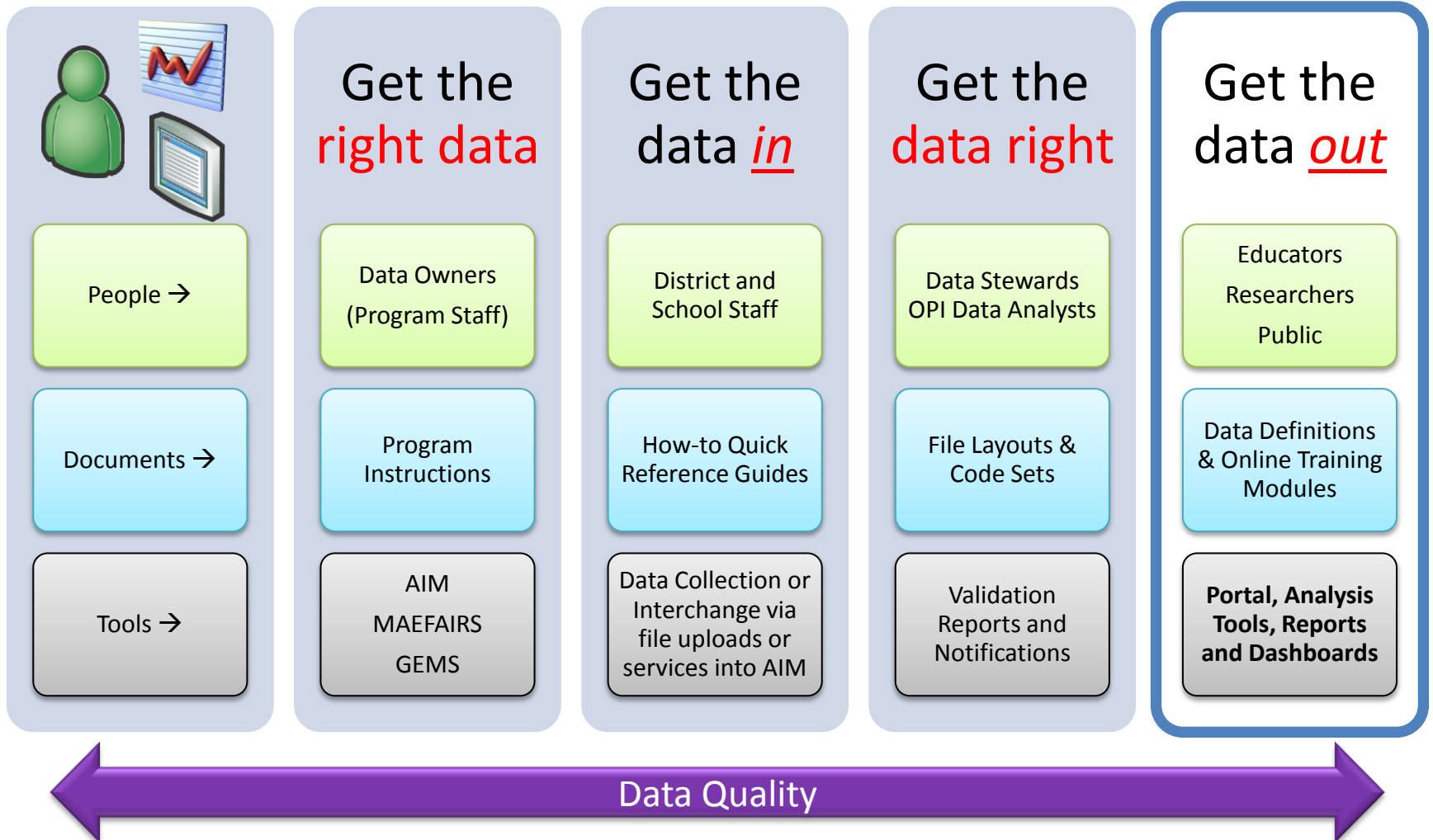
U.S. Department of Education
Institute of Education Sciences

Data Warehousing in Education

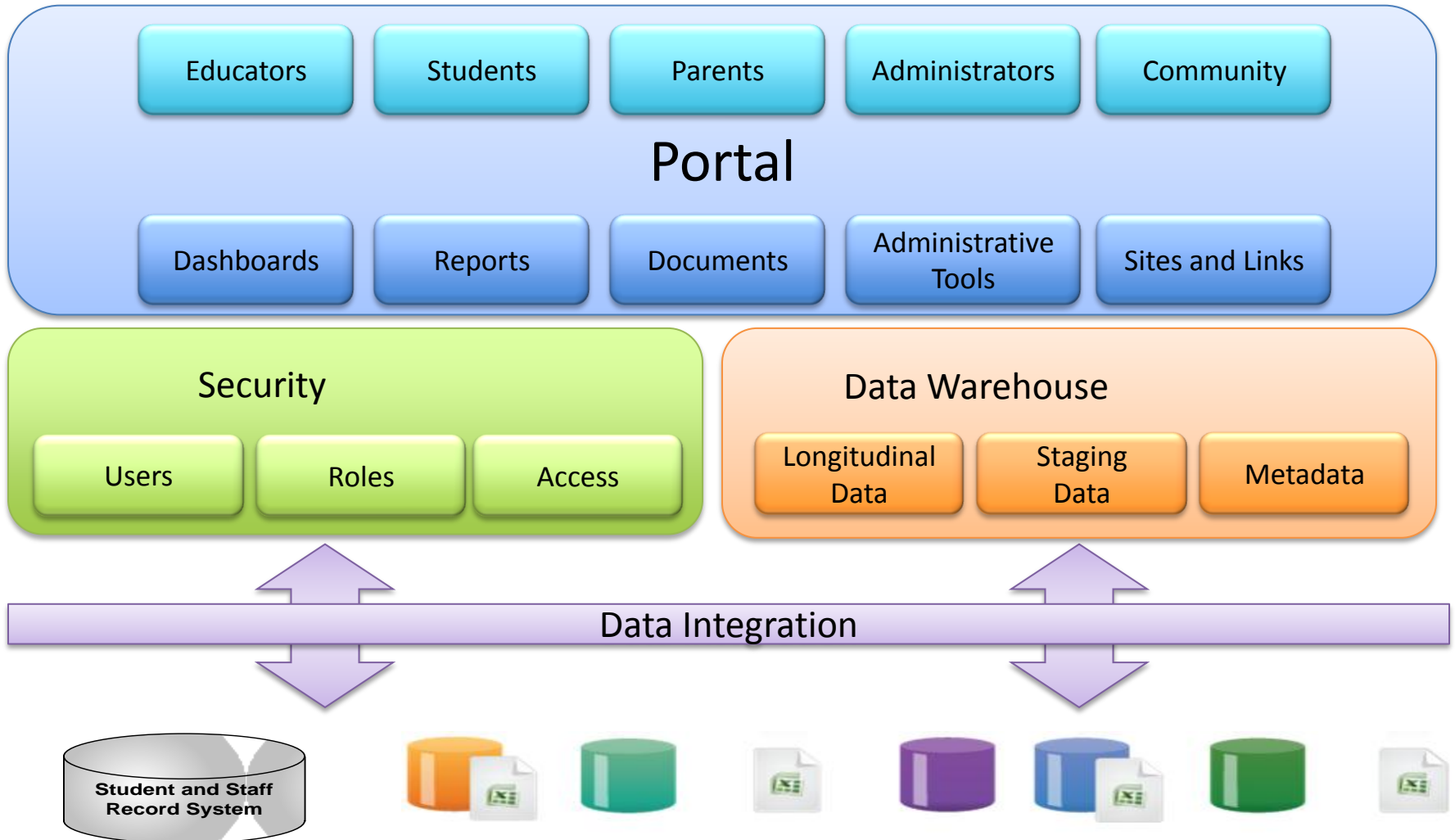
WHAT IS A STATEWIDE LONGITUDINAL DATA SYSTEM?

A statewide longitudinal data system (SLDS) is a data system capable of tracking student information over multiple years in multiple schools. Montana's SLDS will integrate existing, transformed data extracted from multiple source systems such as AIM, MAEFAIRS, and Assessment, to name a few.

The Data Warehouse and Business Intelligence Process



Laying the Foundation



GEMS Project Scope

GEMS Public Web Portal Categories and Subcategories

General District and School Information

- School Facilities
- Contact Information
- District Profiles
- Statewide Reports
- Accreditation
- NCLB Status

Program and Course Offering

- Career and Technical Ed
- Adult and Basic Ed
- Advanced Drivers Ed
- Gifted and Talented
- Learn & Serve
- Indian Education
- Special Education
- Bilingual Education

School Climate

- Discipline Information
- Youth Risk Behavior
Survey
- My Voice
- School Health profiles

Student Achievement

- Graduation Rates
- College Entrance Tests
- GED
- CRT and CRT-Alt
- English Language Prof.
Assessment
- NAEP
- AYP
- Gear Up

Student Services

- After School programs
- Student Transportation
- Child Nutrition
- Drivers Ed
- BYRD Scholarships

School Finance

- Financial Information
- County Fiscal Information
- Grant Information

School Staffing and Teacher Characteristics

- School Staff Information
- Educator Licensure
- Teacher and Principal Eval
- Highly Qualified Teachers

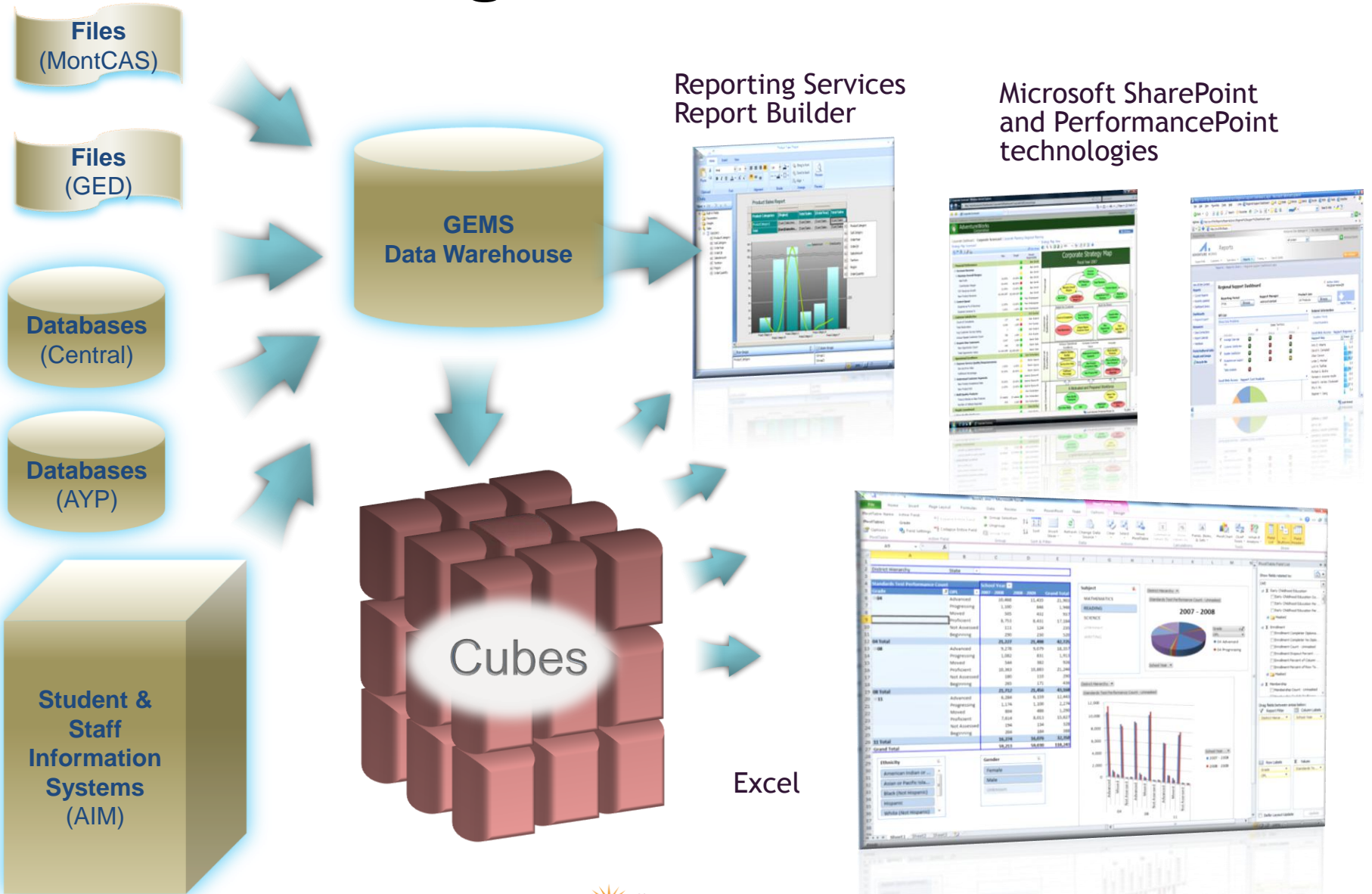
Student Characteristics

- Enrollment
- Homeless, Neglected, and
Delinquent Students
- Migrant Students
- Limited English Proficient

Student Engagement

- Attendance
- Extracurricular Activities

GEMS High Level Architecture



GEMS User Profiles

PARENTS



**SCHOOL
ADMINS**




**ANALYSTS &
RESEARCHERS**




TEACHERS

Demonstrations




Montana Office of Public Instruction
Denise Juneau, State Superintendent
opi.mt.gov



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Welcome


Welcome to the Montana Office of Public Instruction's GEMS Home Page.

This site provides resources and information about OPI's data collection tools, formats, and schedules. It also links to reports on student achievement, graduation rates, district education profiles, the National Assessment of Educational Progress (NAEP), and financial information reported by school district.

Find a School or School System

Search for Schools or School Systems

School  **System** 



School Results

Check boxes to compare schools