

Data System Modernization Team





Chris Sinrud
Chief Information Officer



Andy Campbell
Information Technology Manager



Ashley Perez
Data Operations Manager



Brett Carter
State Longitudinal Data Manager



Nicole Thuotte
Achievement In Montana Manager

This is just part of the team that is working hard to manage and keep our student data safe. They are always looking for the opportunity to serve our students, teachers, administrations, schools and districts.



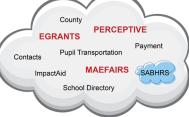
Data System Modernization

Information Technology Applications





Financial Applications



Operations Applications

Advanced Driver Education

ISAP RUPS

WAPS YBRS

HISET Assessment RenewalUnits TEDRS

SPED Applications Portal

Phase I

June 2021 Teach MT(TMT)/Single Sign-On

Systems Consolidated:
MSEIS, TEAMS/TOES, RUPS

Planned System Updates: Infinite Campus, TMT, Single Sign-On

Systems being updated and added: Accreditation, Allocations, Chatbots

Phase II

Systems for consolidation or replacement: County, Contacts, Transportation, Assessment, Non-Public Schools

System Updates: Infinite Campus, HUB

Systems Added: Snowflake functionality (Cross Agency Data Sharing)

Phase II/III

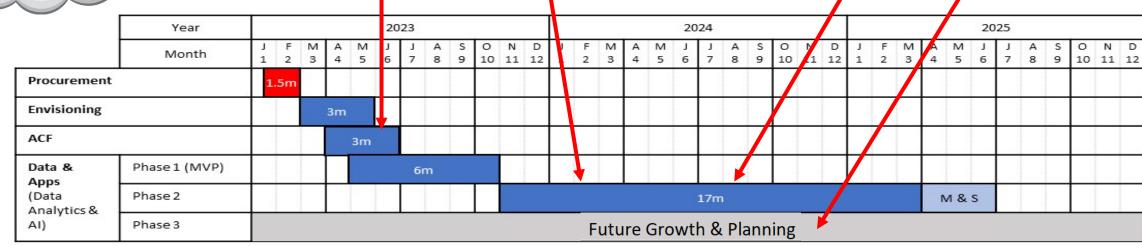
Systems will be reviewed for modernization Visioning/Planning for the future

Maefairs, eGrants, Perceptive, Impact Aid

System integrations: 17 none critical apps

System Goals:

Decrease from 75 to 5 apps





SIS Data Flow



Data Lake

Any SIS

Power School SIS

Maintenance

24 SD 45% Students

- Costs:
- Data Storage Fee
- Consume Data
- Maintenance of Data

OPI SIS: Infinite Campus

194 School Districts 53% Students

State Agencies OCHE, DLI, Others

Purpose:

- Data Sharing
- Efficiency
- Secure and Controlled Access

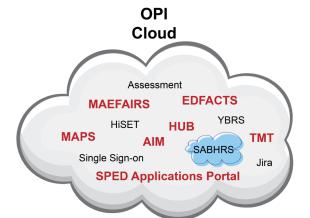
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Work Completed/Active

Teach MT – Teacher Licensure Single Sign-On – 35 Systems Active Prep work for Chapter 55 Changes Chatbots – throughout OPI Accreditation addition to TMT Phase III

In this phase
we'll be working w/
The field for future plan
Visioning, direction, planning,
growth, and implementation

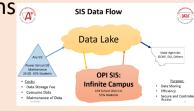


Phase II

Phase II integrations of the applications

next up related to the survey from the

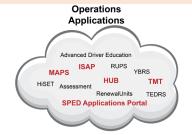
field NOTE SIS Data Lake Work



Phase I
Build out
Foundational
Environment







Data Modernization RFP/Project Timeline

April 14, 2023: Deadline for Receipt of Written Questions

April 20, 2023: Deadline for Posting Written Responses to the State's Website

April 27, 2023: RFP Response Due Date

May 15 - 18, 2023: Offeror Interviews/Product Demonstrations

May 22, 2023: *RFP Award

May 24, 2023: Contract negotiations completed

May 26, 2023: *Contract Finalization May 29, 2023: Vendor and OPI PMs create baseline schedule including: Weekly status meetings

June 2, 2023: Meetings with key stakeholders scheduled and confirmed

August 16, 2023: Milestone 1 -First draft delivery of current inventory and data scoping

August 23, 2023: Milestone 2 – Draft of all deliverables reviewed by OPI project team

August 25, 2023: Milestone 3 – Final delivery of all documentation for review and approval by OPI program team

August 25, 2023: Milestone 4 – COTS Solutions, Data Modernization Architecture & Deployment Strategy

December 12, 2024: Milestone 5 – Full Production Deployment

January 4, 2025: Milestone 6 - Post Deployment Analysis and Assessment

February 28, 2025: Milestone 7 – Approval & Sign-off of Data Modernization Fully Deployed Environment by OPI Leadership & Program Team

4/18/2023