

DATA MODERNIZATION PROJECT UPDATE



July 2024

Putting Montana Students First **A+**

OPI DATA MODERNIZATION PROJECT OVERVIEW

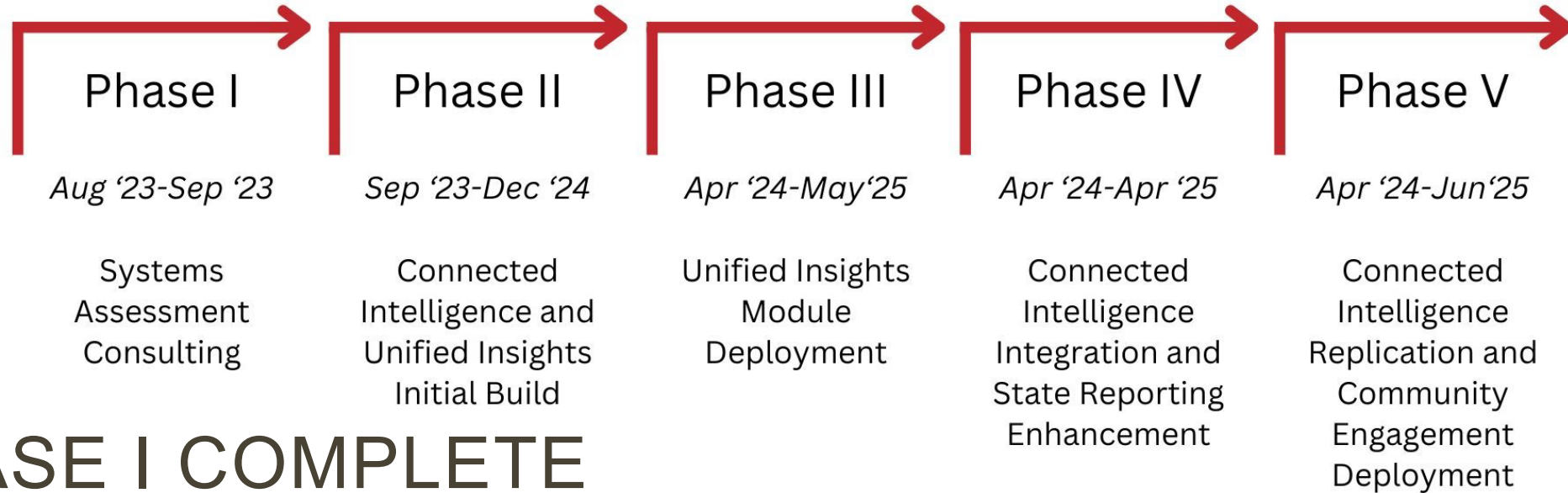
OPI Data Modernization Status and Overview Report

Activities

- Ongoing data replication from Infinite Campus State Edition to PowerSchool's Connected Intelligence.
- OPI staff continue to meet with the steering committee of key district staff and receive valuable feedback on the project and data collections.
- OPI staff presented to the PowerSchool User Group on June 18 to provide updates on the project.
- OPI staff and PowerSchool will present updates to school leaders at the SAM Administrator's Institute conference on July 24 and provide a demo.
- PowerSchool is building PS SIS custom connectors.
- Identified another data source (GEMS) for replication into Connected Intelligence through a VPN. GEMS replication is being completed.
- OPI is an active participant in the Education and Workforce Data Governing Committee and has been attending the ongoing meetings of the three working groups.
- Analysis is in progress for the additional modules of Unified Insights (Student Readiness, Risk Analysis, and Community Engagement).
- OPI provided a demo of the GEMS system to PowerSchool to assess current functionality and how Community Engagement will proceed. OPI also sent out a [survey on GEMS](#) to schools on June 28.
- Identifying and testing possible security solutions for school user access to the Unified Insights system.



Data Modernization Timeline



PHASE I COMPLETE

Category (Milestone)	Task	Progress Update
Systems Assessment Consulting (1-3)	Delivery of Draft Assessment Output	Completed
	Montana Review and Feedback	Completed
	Deliverable Updates and Final Approval	Completed

Phase I was completed by September 22, 2023. It encompassed elements from project milestones 1-3.

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PHASE II & III PROGRESS

Category (Milestone)	Task	Progress Update
Connected Intelligence (4a)	OPI CI Onboarding, including Platform Setup and Configuration	Completed
	OPI CI Security and Governance Implementation	Completed
	OPI CI Technical Training	Completed
Connected Intelligence: Infinite Campus (IC) State Edition Integration (4a)	Finalize and share Data Dictionary/list of approved data elements	Completed
	ODBC Setup for IC State Edition	Completed
	Initial replication of AIM and AIM Datamart Data	Completed
	Ongoing Replication of AIM and AIM Datamart Data	Completed
Analytics and Insights (5a)	Complete Custom Connector Analysis	Completed
	Build Custom Connector	In Progress
	Complete Analytics and Insights Implementation	In Progress
	Complete Analytics and Insights Technical Training	Not Started
Customer Education (4/5)	Create Training Plan	In Progress
	State-level Analytics and Insights End User Training	Not Started
	District-level Analytics and Insights End User Training	Not Started
	Building-level Analytics and Insights End User Training	Not Started
Phase III (4-5)	Analytics and Insights Risk Analysis Implementation	In Progress
	Analytics and Insights Student Readiness Implementation	In Progress
	Analytics and Insights Customizations	Not Started



UPCOMING PHASES

Category (Milestone)		Progress Update
Phase IV (4)	Complete PS SIS Custom Connector Analysis	In Progress
	Build Custom Connector for PS SIS Replication	In Progress
	Replicate data to CI for hosted districts	Not Started
	Set up VPNs for 6 On-Premise Districts	Not Started
	Replicate Data to VI for 6 On-Premise Districts	Not Started
	Connected Intelligence: State Reporting Enhancement	Not Started
Phase V (4-5)	Replicate up to 6 additional data sources	In Progress
	Complete Community Engagement Implementation	Not Started
Final Sign Off (6-7)	Complete Post-Deployment and Final Sign Off	Not Started

The Data Modernization project has a total of seven milestones. To get a more detailed look at the particular steps in each of the milestones, these were further broken down and organized into phases, recognizing that steps from different milestones may be co-occurring in the same phase. These phase items reflect what has been completed and items that are currently in progress or upcoming.

QUESTIONS?