



# 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



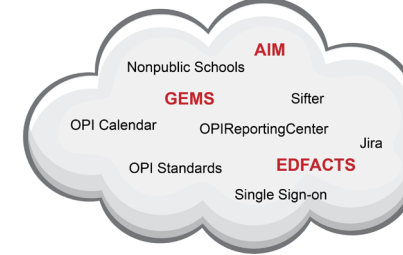
**Nicole Thuotte**  
Achievement In Montana Manager

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.

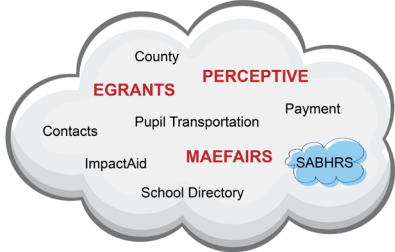


# Data System Modernization

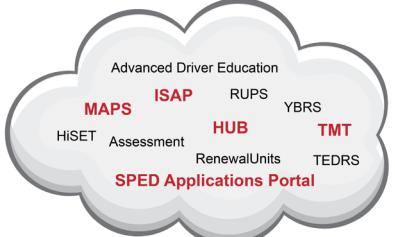
## Information Technology Applications



## Financial Applications



## Operations Applications

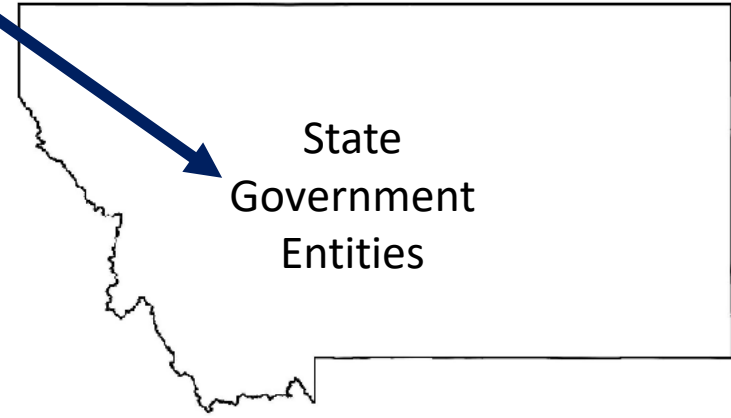
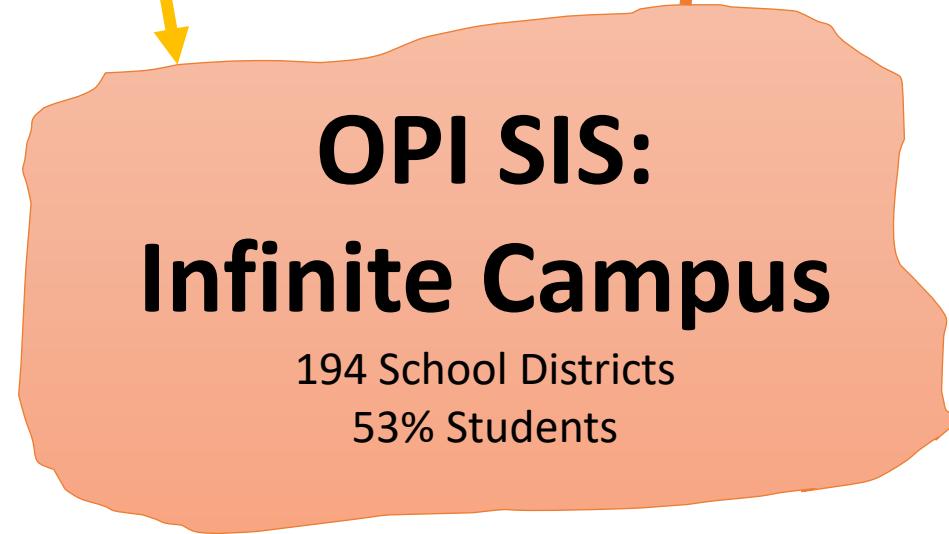
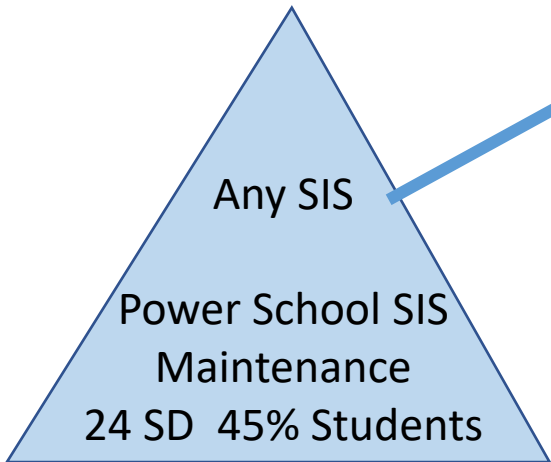


Phase I	Phase II	Phase II/III
June 2021 Teach MT and Single Sign-On	Systems for consolidation or replacement: GEMS, County, Contacts, Transportation, Assessment	Systems for consolidation or replacement: Maefairs, eGrants, Perceptive, Impact Aid
Systems Consolidated: MSEIS, TEAMS/TOES, RUPS	System Updates: Infinite Campus, HUB	System integrations: 17 none critical application/processes
Systems Updated: Accreditation, IC, TMT, Single Sign-On	Systems Added: Snowflake functionality (Cross Agency Data Sharing)	System Goals: Decrease from 75 to 5 apps

	Year	2023												2024												2025													
		J 1	F 2	M 3	A 4	M 5	J 6	J 7	A 8	S 9	O 10	N 11	D 12	J 1	F 2	M 3	A 4	M 5	J 6	J 7	A 8	S 9	O 10	N 11	D 12	J 1	F 2	M 3	A 4	M 5	J 6	J 7	A 8	S 9	O 10	N 11	D 12		
<b>Procurement</b>		1.5m																																					
<b>Envisioning</b>		3m																																					
<b>ACF</b>		3m																																					
<b>Data &amp; Apps (Data Analytics &amp; AI)</b>	Phase 1 (MVP)	6m																																					
	Phase 2												17m											M & S															
	Phase 3	Future Growth & Planning																																					



# SIS Data Flow



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

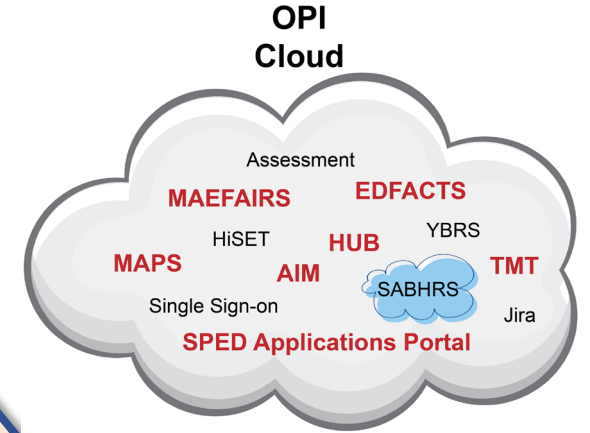
- Purpose:
- Data Sharing
- Efficiency
- Secure and Controlled Access

**Work Completed/Active**

Teach MT – Teacher Licensure  
Single Sign-On – 35 Systems Active  
Prep work for Chapter 55 Changes  
Chatbots – throughout OPI

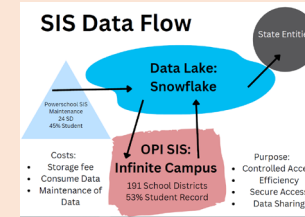
**Phase III**

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

