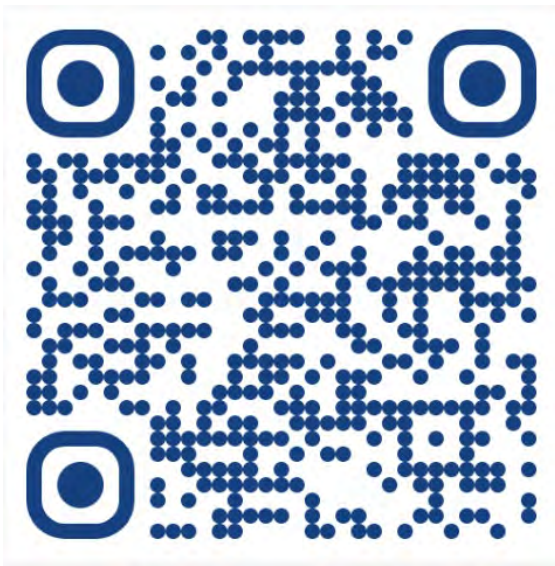




# What do YOU know about the MiDataHub?

Please use your phone and this QR code, or this link; [MiDataHub-What I Know Survey](https://forms.gle/yUGdKVwz6gVuD5F4A) to complete this short survey prior to the session starting!

Link: <https://forms.gle/yUGdKVwz6gVuD5F4A>



# MiDataHub Basics

MPAAA Fall 2023 Conference

*LeAnn Szymanski, Ottawa Area ISD  
Janell Craig, Oakland Schools*





# Agenda

## Session Objectives

To understand what the MiDataHub is, what are the benefits of using the MiDataHub as a first source choice in sharing data with downstream applications. We will also highlight examples of where these data sharing partnerships (including statewide initiatives) are making an impact in Educational Data in Michigan.

- Brief History / Purpose
- Navigation (cockpit/website)
- Explain an Integration (developed edfi, one roster standard, in/outbound/API)
- Integration Examples
- Reporting
- Support



# History of the MiDataHub

- Idea of a statewide single Student Information System
- In 2013 State of MI offered a 1 million TRIG grant to move to a single SIS
- Vision to reduce # of SIS's from 29 to 4-6
- Vision for common format with standardized data definitions
- Vision of sharing solutions through collaboration, saving districts \$\$\$
- Vision to use ED-Fi Alliance-Free, non profit, Open Source



# Purpose of the MiDataHub

“Turning Data Schools Have Into Information Schools Use”

“Our vision is to streamline the use of educational information statewide, through common data and common solutions allowing districts to turn data you have into information you can use.”

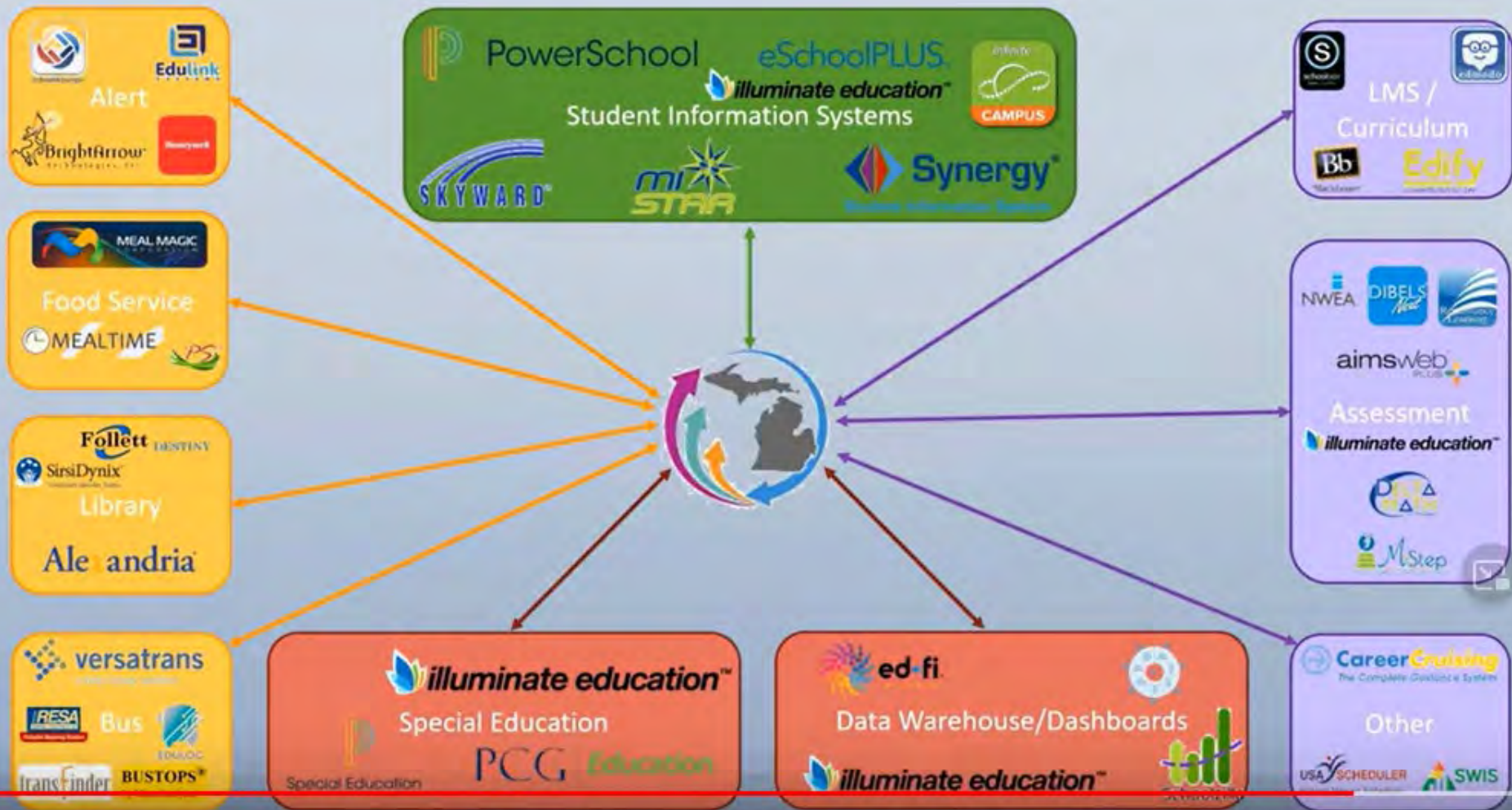
<https://player.vimeo.com/video/249802013>

Source: <https://www.midatahub.org/>



# Purpose of the MiDataHub

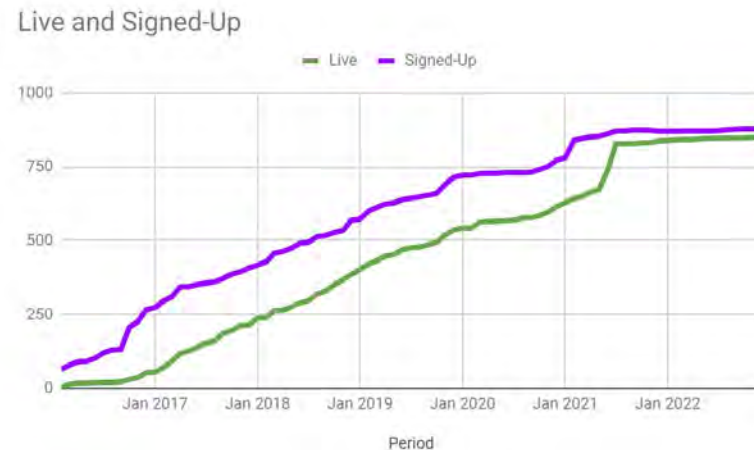
- Solution to connect disconnected data systems
- Addresses challenges in managing & using school data in many different systems
- Standardization so everyone is talking the same language
- Districts retain Local Control
- Real data in real time
- Provide assessment data to parents & teachers
- Save districts time & money in managing data, training, implementation
- Develop single solutions that can apply to all districts



How is the Michigan Data Hub Helpful?: A quick, reliable way to connect data systems



# Most Recent Status



- 852 of 888 Districts have data for at least one school year
- 837 live in 2022-2023 for 1,579,379 students
- 9,228 Active Integration Instances
- 829 Districts on SSO
- [Legislative Reports](#) (Annual Reports) are produced that document the progress made each year



## Source: MI Data Hub Legislative Report

January, 2023: At its core, MiDataHub simply and dramatically reduces the number of integrations (connections to move data between data systems) that are created and managed by Michigan schools. Statewide, this is a reduction from tens of thousands of redundantly created and managed integrations to less than one hundred, all centrally managed on behalf of all of Michigan's local and charter public schools.

A study by the Digital Promise League of Innovative Schools finds that “74% of districts use 26 different Ed-tech or software tools/products” and “only 33% of districts report that they have more than half of their teaching and learning tools linked with their student information system.”

MiDataHub currently provides 8,654 integrations for Michigan districts, an average of 10.2 integrations per live district. These numbers will continue to grow as MiDataHub scales to nearly 900 districts connected and integrates a greater number of systems, resulting in tremendous cost savings and efficiency.



# Access to the MiDataHub

- Most District Technology Directors have been set up as Technical Contacts in the MiDataHub
- Reach out to your district Technology Director to be added with the role of Data Steward or Technical Contact [MiDataHub Cockpit Role Summary](#)
- Can also send an email to [support@midatahub.org](mailto:support@midatahub.org) to find out who your district Technical Contact is



# Navigating the MiDataHub Website

- <https://www.midatahub.org/>
- Wealth of information regarding the MiDataHub
- Can be overwhelming
- Support Specialist for your ISD
- Youtube Videos: <https://www.youtube.com/channel/UCA-3WvlzLeLm8eYtSzTKrWg>
  - Be sure to subscribe!



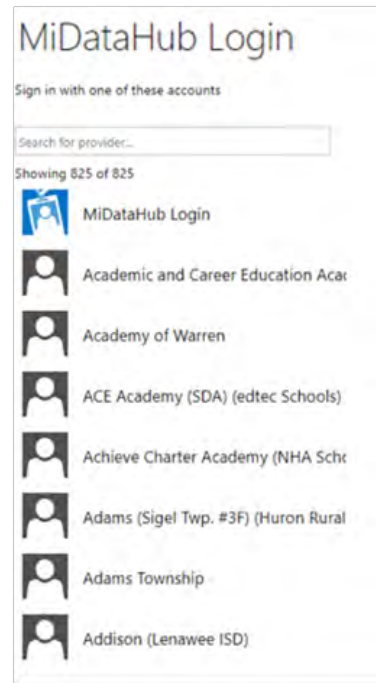
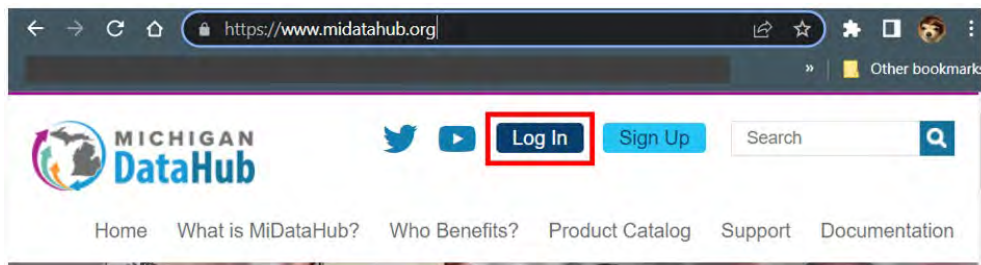
# Logging in to the MiDataHub with SSO

- Single Sign On (SSO) Federation & Identity Management
- Districts can integrate district Google, Microsoft Active Directory, Okta, etc. accounts to the MiDataHub SSO
- Allows users to use their district network username and password to log in
- Allows districts, not the MiDataHub, to manage user accounts
- To log in, search for your district or consortium name



# Logging in to the MiDataHub with SSO

- Logging in from [www.midatahub.org](https://www.midatahub.org)
- Click **Login** (Redirects to: <https://launchpad.midatahub.org/>)

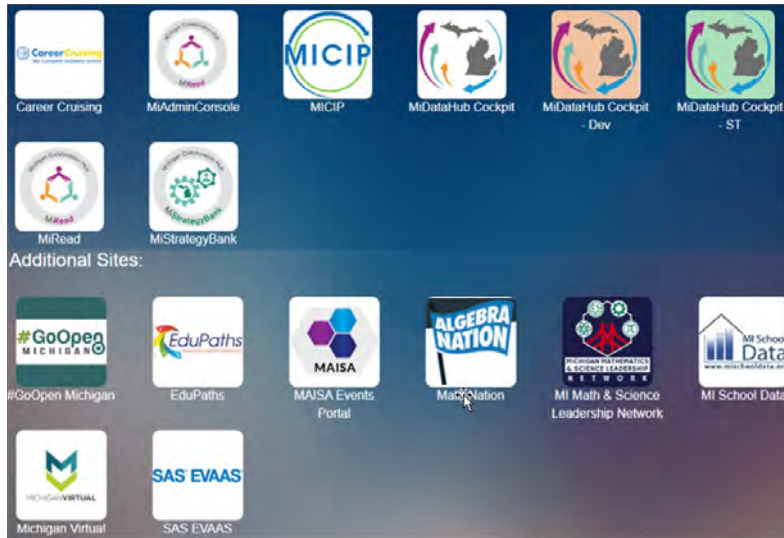




# MiDataHub Launch Pad

## MiLaunchPad (cockpit application access)

Screen appears upon successful authentication



- ▶ **MiLaunchpad** – In conjunction with the SSO, a user can access the launchpad and see other applications they have access to. For SSO enabled apps, they simply click on the application and don't need to sign in again.



# MiDataHub Cockpit

- School Year
- Status
- Agreements
- Reports & Exports
- Utilities
- MSDS
- MiLEARN
- State System
- Features

**MICHIGAN DataHub** Management Portal  
Michigan Data Hub > Ottawa Area ISD > Ottawa Area ISD  
Hello Iszymans@oaisd.org! Log off

Agreements ▾ Inventory ▾ Reports ▾ Utilities ▾ MSDS ▾ MiLEARN ▾ State System ▾ Features ▾

### Manage District: Ottawa Area ISD

Region : Michigan Data Hub  
ISD/Intermediate District Code : Ottawa Area ISD  
District : Ottawa Area ISD, Id: 621, Code: 70000  
District Type : ISD  
Address : 13565 PORT SHELDON ST, HOLLAND, MI 49424-9241  
URL : <https://www.oaisd.org>

Current School Year : 2023-2024 (populated) ▾

SFTP Password : ●●●●●●●●

Integration Server : HUB-ETL304

District Status : Active ▾

[District Folder](#)

[Submit](#) [Cancel](#)

#### Manage Authorizations

[New Authorization](#)

Name	Email	Authorizations	Actions
------	-------	----------------	---------



# How the MiDataHub is Used

- The MiDataHub exchanges data (via integrations) using standard formats (Ed-Fi standards)
- Ability to combine data from multiple districts and multiple school years into an Ed-Fi ODS to serve collaboratively developed applications (MiDX)
- The Ed-Fi Data national standard of rules for the collection, management, and organization of educational data that allows multiple systems to share their information in a seamless, actionable way
- Integrations can be flat file based or API based
  - Flat File Integrations can be formatted as csv, tab-delimited etc, one line per record
  - API Integrations are basically automated data transactions
    - Application Programming Interface acts as a data messenger enabling the interaction of data between applications, and devices and programs.
- Integrations can be considered
  - Inbound (to the data hub) from third party application
  - Outbound (from the data hub) to the third party application

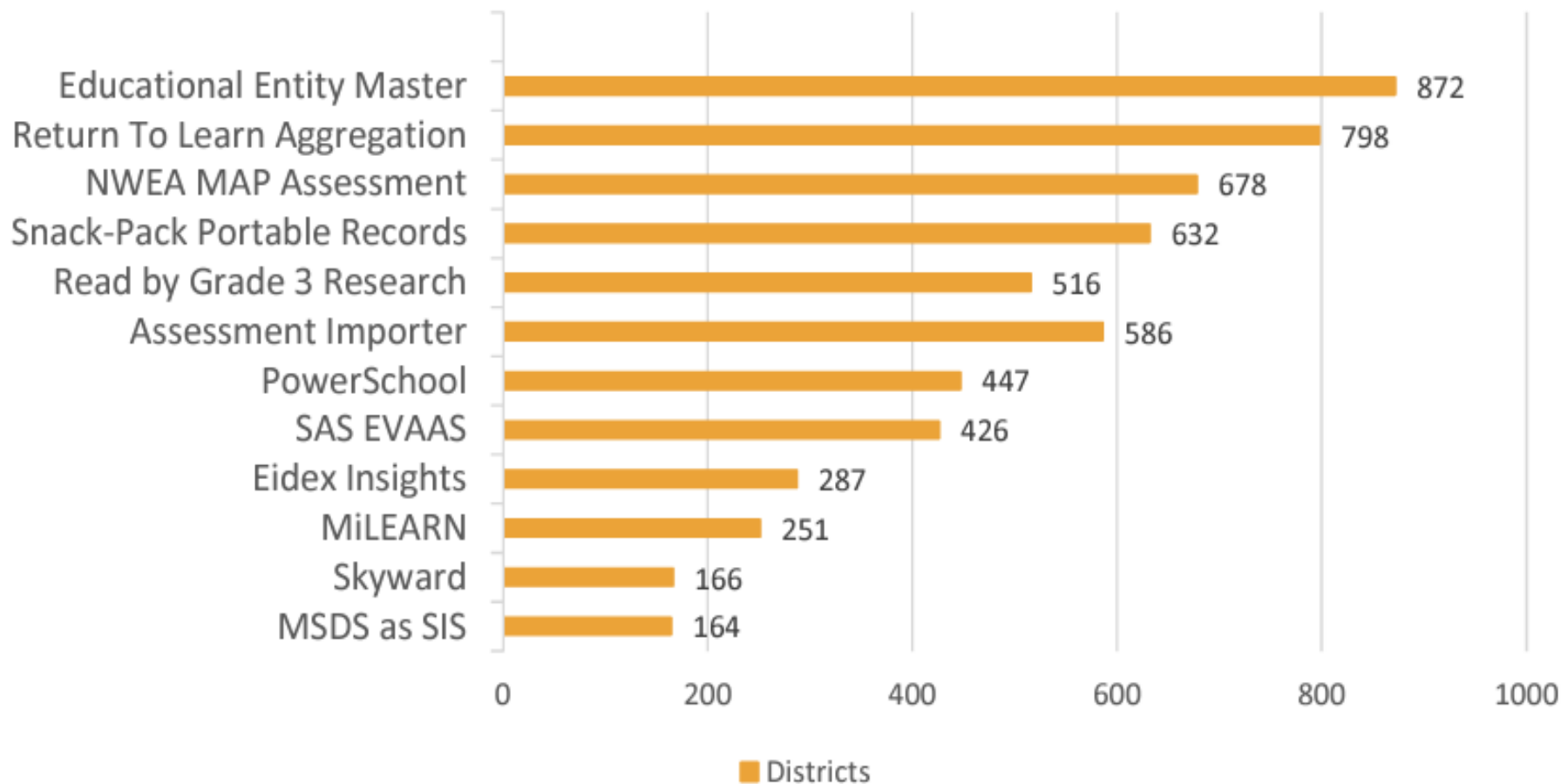


# How the MiDataHub is Used

Examples of different types of integrations are

- API (Inbound or Outbound)
  - Student Information Systems
  - Assessment (iready, NWEA)
  - State Initiatives (Snack-Pack, UIC Services, MSTEP)
  - OneRoster based Applications (Connect Ed, Houghton Mifflin, McGraw Hill)
  - Inbound
    - NWEA
    - Acadience
    - SWIS Referral data
  - Outbound
    - MiLearn
    - SWIS Rostering
  - Available integrations:
    - [Product Catalog](#)
      - State Services
        - [UIC](#)
        - [Snack-Pack](#) (Portable records service)
      - Direct Certification (not available in all Student Information Systems)

## Top Dozen Active Integrations





# MDE/CEPI Applications

**State Services** – Access to data at the State of Michigan that districts either didn't have access to before, or that they didn't have convenient access to before.

- UIC Services – Automates the lookup of a student Unique Identification Code. Includes creation of new UICs when needed.
- EEM Services – Transfers the details of districts and buildings from the official state system, including entity names, grade levels served, program served, district contacts and more. This data feeds the rules engine for data validation.
- Assessment Services – Transfers our state assessment (M-STEP) as well as PSAT and SAT to district ODSs for use in other systems. Districts get data for the students they have rather than the students tested.
- Direct Certification – Allows for the lookup of direct certification for free lunch for a single student or an entire district and transfers the information to a requesting system.
- Portable Records Snackpack – Allows downstream systems to request the information for a newly enrolled student from the student's most recent previous district, ensuring that districts have details on special programs and other important items as soon as a student enrolls.
- WIDA Scores



# MiDataHub Integrations



**MILEARN** - an integration developed by the MDE, provides state assessment reports to administrators, teachers, parents and students via the district's student information system

- Provided at no-cost to local districts
- Provided via the SIS, Parent/Student portals; no add'l login
- Assessment data follows student mobility
- Based on current schedule or program associations in SIS
- Assessments Include:
  - M-STEP (Including SAT/PSAT, WorkKeys)
  - WIDA ACCESS for ELLs
  - WIDA Alternate ACCESS for ELLs
  - MI-Access Functional Independence
  - MI-Access Participation
  - MI-Access Supported Independence
  - Early Literacy and Mathematics Benchmark Assessments



# MiDataHub Integrations

The screenshot shows a dark blue navigation bar with the following items: Menu, Favorites, Class, Student, Other, and Home. Below this is a light gray sidebar with the heading "Analysis". The sidebar contains a list of menu items: Attendance, Behavior, Communications, Enrollment, and Food Service. The main content area lists several options: Illuminate DNA, State Assessment Data (highlighted with a mouse cursor), Student Pulse, District Pulse, and Reports.

1. Allows for access to MDE assessments from within SIS (including parent/student portals)
2. Uses data hub SSO to authenticate - uses SIS credentials for direct login.

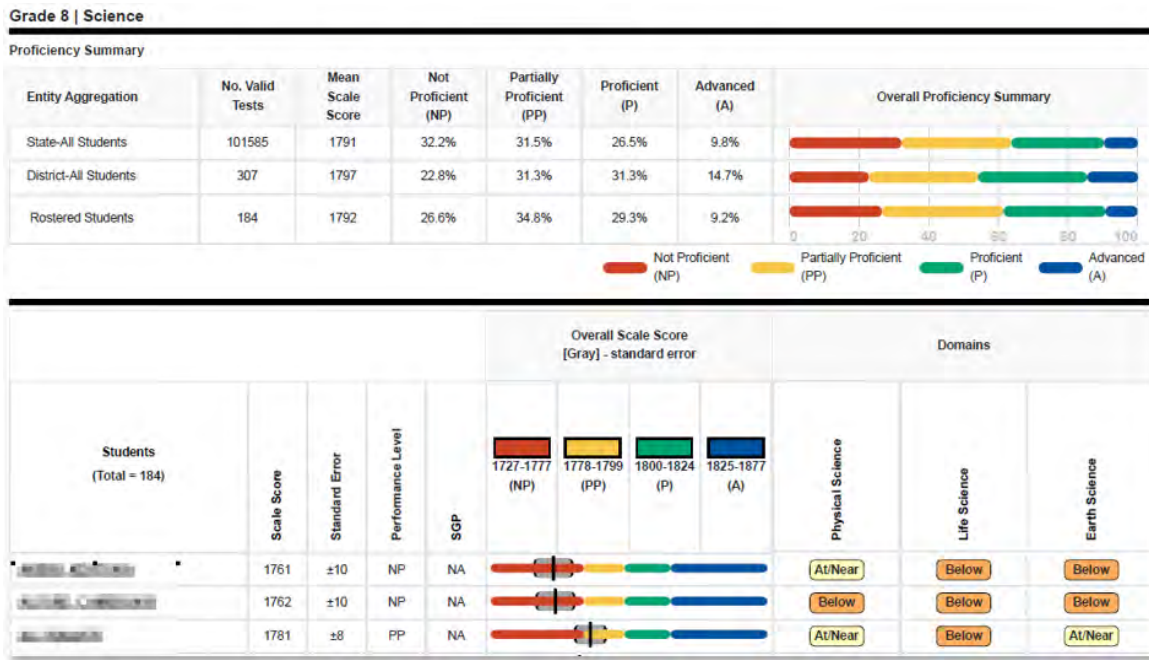
The screenshot shows the ParentConnection interface. At the top, it says "Welcome [User Name]" and "Signed In: Monday, September 26, 2022". There are navigation links for "Report Absence", "Annual Registration", "My Account", "Email Signup", "Help", and "About". Below this is a table with columns: Student Name, Grade, School Name, School Year, Birth Date, Advisor, and Counselor. A row of data is visible. On the left, there is a sidebar with a list of items: Documents, Schedule, Assignments, News, Network Login, Enrollment, and Attendance. On the right, there is a "School Links" section with a link for "Apply for Free or Reduced Meal Benefits" and a link for "State Assessments Data" which is highlighted in yellow and pointed to by a red arrow.



# MiDataHub Integrations



- Clicking links directly displays student's assessment reports
- Supported by: MISTAR-Q, Powerschool, Synergy, Infinite Campus and Skyward
- Click [HERE](#) for more information
- Or contact Tim Hall ([hallt@michigan.gov](mailto:hallt@michigan.gov))





# Examples of MiDataHub Integrations

**EEM Integration** - This integration is used to ensure the data sent to the data hub (from SIS) matches the data as noted in the district/school/program's EEM record

- Required for State Based initiatives (MiEWMS, MSDS, MICIP, MiSAFESstudent)
- [A report is available](#) to ensure the data a district's SIS is pushing to the data hub matches the data the EEM has pushed to the MiDataHub

**EEM Entity Mapping Report for MSDS Test District**

As of: 5/12/2020 2:44:23 PM Total pages: 1

EEM Entity mapping is performed first by matching the EEM Entity Master Id to an EducationOrganizationIdentificationCode with a Descriptor Code Value of 'SEA'. If it does not find one, or it is not a match to any EEM Entity Id, it then tries to match based on the StateOrganizationId.

Name Of Institution	Ed Org Id	SEA Id Code	State Org Id	EEM Entity Id	EEM Official Name	EEM Agreement Number	Current	Combined	Exchange
MSDS Test District	900025	80120	900025	80120	Hartford Public Schools	80120	Yes	No	Primary
Pembroke Public School	951292	1598	951292	1598	Hartford High School	801201598	Yes	No	Primary
Palm Valley Public School	950795	2868	950795	2868	Hartford Alternative Education	801202868	Yes	No	Primary



# Examples of MiDataHub Integrations

**Student Snack Pack** - provides critical student data for new enrollments immediately upon enrollment in your SIS. Data provided are based on the most recent data submitted via CEPI MSDS Collections from the previously enrolled district

- May allow additional SIS functionality for messaging and notifications at enrollment
- Example, one SIS provides distinct automated messages to staff based on snack-pack data
  - LEP Coordinators notified LEP student enrolled from previous district
  - Automatic temporary F/R lunch account created for CEP previous enrollments
  - Onscreen messaging about UIC (Match, Create, Resolution)
  - Onscreen message when enrolling a previously expelled student within 180 days





# Examples of MiDataHub Integrations

Student Snack Pack - Data currently provided

## MIDATAHub - Snackpack

Snackpack Updated: Aug 29 2022 1:33PM

### Student Snackpack

Attribute	Value	Attribute	Value
Last MSDS As Of Date	06/30/2022	SpecEd Plan Date	03/04/2022
UTC		SpecEd Exit Date	
Previous District or PSA	Dearborn City School District (82030)	SpecEd Primary Disability	Specific Learning Disability
Previous School or PSA	Bryant Middle School	SpecEd Program Svc	Elementary or Secondary-Level Resource Program
Grade Level	Sixth Grade (06)	Home Languages	English
FTE General Education	0.97	Primary Language	
FTE Special Education	0.03	LEP Instructional Program	English As a Second Language (ESL) Instruction
FTE Section 53	0.00	LEP Eligible	true
Entry Reason	Expected to continue in the same school district	LEP End Date	
Exit Reason		LEP End Date - State Auto Exit	
Exit Date		Program Participation	Section 31a At Risk
Total Days Attended/Possible	153/175	Section 35a Reading Deficiency	false
Total Days Removed		Section 35a Term-End Status	
Previous School In CEP	true	Early Childhood Programs	
Economically Disadvantaged	true	Foster Care	false
		Homeless	false
		Migrant	false



## Snack Pack Review:

The new Snack-pack feature has already proven to be a tremendous asset to our district. The ability to obtain immediate information on newly enrolled students has really improved the district's ability to provide timely service and accommodations to these students. Before the Snack-pack, we would have to wait for the previous school/district to send pertinent student status information related to special education, English language learning, homelessness, economic status, etc., which often caused a delay or gap in needed programs and services.

With the Snack-pack, we are now able to get a glimpse into the student profile as soon as we enroll a new student, eliminating the need to submit an SRM right away or wait until the next certified collection to obtain this information. If this is only the beginning of the Snack-pack project, I cannot wait to see how much more robust it will become!

— Sarah Mohler, Madison District Public Schools - Pupil Accounting Manager



# Examples of MiDataHub Integrations

**UIC Services** - Provides districts with a streamlined, efficient, automatic way to search, resolve, link, and request UICs directly from the SIS.

- UIC Services creates efficiencies at local level by provided all UIC Management tasks from SIS, without need to login to MSDS
- UIC Services functions independent of MSDS accessibility; when MSDS down, UIC Services allows for UIC Management tasks to continue
- May allow SIS functionality for messaging and notifications at enrollment; Example:

UIC Resolution Monitor			
Student	Grade	Track	Status
Ortiz, Emily	K	OD 10000 2022/23	Match found
Pergande, Elena	K	NP 02917 2022/23	Match found
McDonnell, Emily	K	NP 02917 2022/23	Match found
Hiles, Elena	K	NP 03990 2022/23	Match found



# Examples of MiDataHub Integrations

**UIC Services** - Request/Review & Accept UIC (though not shown in screenshot, UIC Linking functions similarly).

Setup | UIC Search | **UIC Resolution** | UIC Linking | Descriptor Mapping

Advisor: All  
Program: All  
Track: All

Status	Score	Ident	UIC	Last Name	First Name	Middle Name	Suffix	Gender	Birth Date	Birth Order	More Info
Match found	91.89	20039668	204 830005 0000	...	...	...		F	7/11/2016	0	...

**Race/Ethnicity:** White    **Grade or Setting:** 00  
**Enrollment Date:** 8/25/2021    **Address:** 7611 ... MI 48323  
**Exit Date:**    **Exit Status:** 19  
**Submitting Entity:** 63290

Ident	Last Name	First Name	Middle Name	School	Gender	BirthDate	Request UIC with Justification
20039558	...	...	...	02899	M	3/24/2011	<input type="text" value="New UIC Needed"/> <input type="button" value="Request"/>



# Examples of MiDataHub Integrations

**Direct Certification** - Integration allows for direct certification files to be available in SIS without the need to upload/download files between MSDS and SIS.

- Allows for further efficiencies to be achieved through vendor tools; Example
- File is available and stored in database awaiting processing with notification available to Food Service staff or State Reporting personnel responsible for processing
- Link to [Vendor Integration Outreach template](#) Meal Magic Contact: [Support@MealMagic.com](mailto:Support@MealMagic.com) or PO Box 167, Grand Haven MI 49417

The screenshot displays the 'Direct Certification' interface. At the top, there are navigation tabs: 'Direct Certification', 'Certify Household Siblings', 'Import', 'Import Sets', 'Direct Cert. Notices', 'Notice Editor', and 'Address Change Requests'. Below the tabs, there are buttons for 'Import new Batch', 'Delete', 'Reset', and 'Submit'. A list of import batches is shown, with the entry '05/13/2021 MiDataHub Import - 05/13/2021' highlighted in red. To the right, a detailed form for this batch is shown, also outlined in red. The form includes the following fields:

- Import Date: 05/13/2021
- Import File Source: [Dropdown menu]
- Import Set: MiDataHub
- Description: MiDataHub Import - 05/13/2021
- Comments: [Text area]
- Filename: [Text field]

At the bottom of the interface, there is a table with columns for 'Last name', 'First name', 'State Student ID', and 'Direct Cert Program'. The table shows three rows of data, with the first two rows having green checkmarks in the 'Direct Cert Program' column. The first row shows 'MedicaidF', the second row shows 'MedicaidF', and the third row shows 'SNAP'. The status bar at the bottom indicates 'Rows 1-8 of 8' and 'Show: All (8)'.



# Examples of MiDataHub Integrations

**Digital Equity** - The pandemic highlighted disparities in student access to technology on a grand scale. Districts needed to know which students lacked access to internet enabled devices.

- Defined data collection, storage and reporting for student's digital equity access
- Designed to provide district data to help make decisions around services for students

	A	B
1	<b>Digital Equity Summary</b>	
2		
3	<b>Row Labels</b>	<b>Sum of Count</b>
4	<b>DigitalDevice</b>	<b>1490</b>
5	Chromebook	582
6	Desktop Computer	114
7	Laptop Computer	397
8	None	65
9	Other	24
10	SmartPhone	161
11	Tablet	147
12	<b>InternetAccessInResidence</b>	<b>1492</b>
13	No	39
14	Yes	1453
25	<b>InternetBarrierInResidence</b>	<b>167</b>
26	Not Affordable	27
27	Not Available	22
28	Not Desired	9
29	Other	109



# Examples of MiDataHub Integrations

**MICIP** - The Michigan Integrated Continuous Improvement Process is an online platform used by Michigan schools to create, monitor and evaluate continuous improvement plans.

- SSO management for staff to login
- All other application data are provided to MICIP outside of the hub
- Long term vision may change this understanding for future development

**Return to Learn** - Return to Learn Legislation requires districts to provide aggregate (non-student-specific) data on student achievement data from state recognized assessments (iReady, NWEA, STAR, and Acadience) for students in K-8th Grade.

This integration provides permission for the data hub to compute and report aggregate data for districts to meet Return to Learn legislation data reporting requirements



# Examples of MiDataHub Integrations

## MSDS Data Collections and Data Quality Review

- Tools have been developed to assist districts with data quality review around MSDS Collections.
- Data validation against MSDS collection rules
- Further, some districts are using the data hub to produce XML files for submission to MSDS
- Finally, there are submission management tools that have been created to manage the data produced in submission files.

## Highlight development thus; tools available

- MSDS Error Check
- MSDS Collection Extractor and Comparison Tool
- SRM File Generator
- Count Day Management
- Count Day Date Override (by School)
- Reports...



# Reporting

## District Reports

The screenshot shows the Michigan Data Hub interface with the 'District Reports' menu open. The breadcrumb trail is 'Michigan Data Hub > District Reports > District Reports'. The menu items are:

- Cockpit Usage
- Outbound Integration Reports
- Data Hub Performance
- Data Quality
- MSDS-Early Childhood
- MSDS-General
- MSDS-TSDL

## Custom Exports - [Data Hub Support-Custom Exports Guide](#)

The screenshot shows the Michigan Data Hub interface with the 'Custom Exports' menu open. The breadcrumb trail is 'Michigan Data Hub > Custom Exports > Custom Exports'. The menu items are:

- Export Manager
- Manage Export Sets
- Export Set Name
- Attendance Totals by Date
- Data Freshness Query
- Data Validation Queries
- Database Schema
- Diagnostics - No Student School Association
- Ed-Fi Descriptors Download
- EEM Contact Information
- EEM Entity Association Data
- EEM Population Status
- Mode of Instruction



# MSDS Reports

MICHIGAN DataHub  
Michigan Data Hub >

### District Reports

- Cockpit Usage
- Outbound Integration Reports
- Data Hub Performance
- Data Quality
- MSDS-Early Childhood**
- MSDS-General**
- MSDS-TSDL**

### MSDS-Early Childhood

- [Early Childhood Gender/Race/Ethnicity](#)
- [Early Childhood SNE Report](#)
- [Early Childhood Special Ed Program Designation](#)
- [GSRP Reporting Period Summary](#)

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### MSDS-General

- [Alpha List \(Pupil Membership\)](#)
- [Discipline and Consequence Summary](#)
- [Economically Disadvantaged Students](#)
- [FTE Summary Report](#)
- [Homeless Student Summary](#)
- [Initial IEP Report](#)
- [Program Participation Count](#)
- [Section 23a Summary](#)

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### MSDS-TSDL

- [TSDL Alpha List](#)
- [TSDL Building Summary](#)
- [TSDL Student Roster](#)

1. 15 reports that mirror available reports from CEPI in the following areas:
  - i. Early Childhood
  - ii. General Collection
  - iii. TSDL
2. Pre-built reports generated from data in the ODS, and published from your Student Information System
3. Future development will work towards maintaining the same reports as CEPI provides



# Alert Notifications

Michigan Data Hub > State of Michigan > Grand Bend

Agreements ▾ Inventory ▾ Reports ▾ Utilities ▾ MSDS ▾ MILEARN ▾ Features ▾

Manage District: Grand Bend

ISD/Intermediate

Activity Log  
Application Username Management  
Audit Log  
Maintenance Scripts  
ODS Management  
**Alerts**  
District Parameters  
MIDX Control Panel

Current

CEPI Password

Add Alert

Name:

Alert Type:

Scheduled Activity:

Condition:

Name	Operator	Value	
<b>RuleErrorCount</b> <i>The number of rules that produced errors</i>	Greater than ▾	<input type="text" value="0"/>	Or ▾
<b>RuleWarningCount</b> <i>The number of rules that produced warnings</i>	Greater than ▾	<input type="text" value="0"/>	Or ▾
<b>ErrorRecordCount</b> <i>The number of records with error condition</i>	Greater than ▾	<input type="text" value="0"/>	Or ▾
<b>WarningRecordCount</b> <i>The number of records with warning condition</i>	Greater than ▾	<input type="text" value="0"/>	

[Alert notifications](#) can be created in the MiDataHub cockpit that work parallel with the matching CEPI business rules to:

- allows users an opportunity to work proactively on ensuring the integrity of reportable data ahead of state reporting deadlines
- Alert users when specified parameters (based on current CEPI business rules) are met/not met in the data residing in MiDataHub (rule error, warning, etc.)



# Upcoming Development

- **Cockpit Redesign**- Updated UI to include more dynamic functionality for alert notifications, integration status, notifications, agreement management, easier access to reports, and much more.
- Consolidating Support services with miServiceDesk. Will be using JIRA this fall, please stay connected to our monthly newsletter for information and timelines on this transition.
- **Dynamic Data Dictionary** - Allows for extended information about the Ed-Fi standard to be stored and referenced, including data quality business rules
- **Management Portal** – Allows vendors, researchers, and initiative managers to log in and see details related to integrated districts and their data
  - **Product Profile Definition Collection** – Collects information on the data elements read and written by each integrated application
  - **Dynamic Product Catalog** – Collects information from each system vendor on their products, including documentation on integration steps. The catalog can be searched by districts and can include all fields read and written
- **District Data Governance Tool** – Allows districts to define their processes, who is responsible, what data is managed, and any data quality issues
- **Feature Manifest** – Allows for the creation of new features through uploading a manifest file with the information, including business rules, agreements and more



# Support

- [Michigan Data Hub](#) website
- Data Hub Support Team
  - [support@midatahub.org](mailto:support@midatahub.org)
- Data Hub Support Specialist ([Midatahub.org>Support>Data Hub Support Specialist Operations Group](#))
  - Statewide support team
  - Available IF you reside in a support consortium where a DHSS exists
  - Assistance with the publishing, verification, and quality of Data in MiDataHub
  - Understands MiDataHub functionality and its benefit to a district
- [YouTube channel](#)
- Data Hub Operations team
- MICIP
- Twitter: @midatahub



# Resources

MiDataHub Webinar:

Session 1: Are You Ready - Prepping the MiDataHub Cockpit for the New School Year.  
[MiDataHub-Session 1- Are you ready- Prepping the MiDataHub Cockpit for the new school year \(1\).pptx](#)

MiDataHub [Newsletter](#)

- [Newsletter Sign Up](#)
- Archive

[ISD and District Status Update](#)

- Up to Date Status of MiDataHub Integration including:
  - Status of integration (Active School Year)
  - SSO
  - Agreement Status
  - State Assessment Integration
  - Much more!



# Resources

Click below for additional SIS integration Info



## Trainings - Recorded Trainings & Presentations



### Trainings

Michigan School Testing Conference, Wednesday, February 15, 2023

[Turning Data You Have Into Information You Can Use](#)

MiDataHub AWS Migration and Data Hosting Agreement Webinar 2/1/2023

[Webinar](#)

[Side Deck](#)

Check out our MiDataHub 101 Course in EduPaths ([www.edupaths.org](http://www.edupaths.org)) under the Data pathway!

[MiDataHub YouTube](#) - Short video clips that walk end users through using the functionality of MiDataHub.

2022 Fall MAEDS Conference Presentation

[Side Deck](#)

2022-2023 Fall MiDataHub Benchmark Assessment Reporting 9/22/2022

[Webinar](#)

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# MiDataHub User Conference



4 Unique Learning Tracks:

- Technical
- Actionable Data
- Vendor Sharing
- Best Practices

No Conference Fee!

Information and Registration link: <https://www.midatahub.org/midatahub-conference/>



# Questions

Thank you to Don Daily and Kevin Bullard for information included in this presentation.