

# DataHub Cockpit 101

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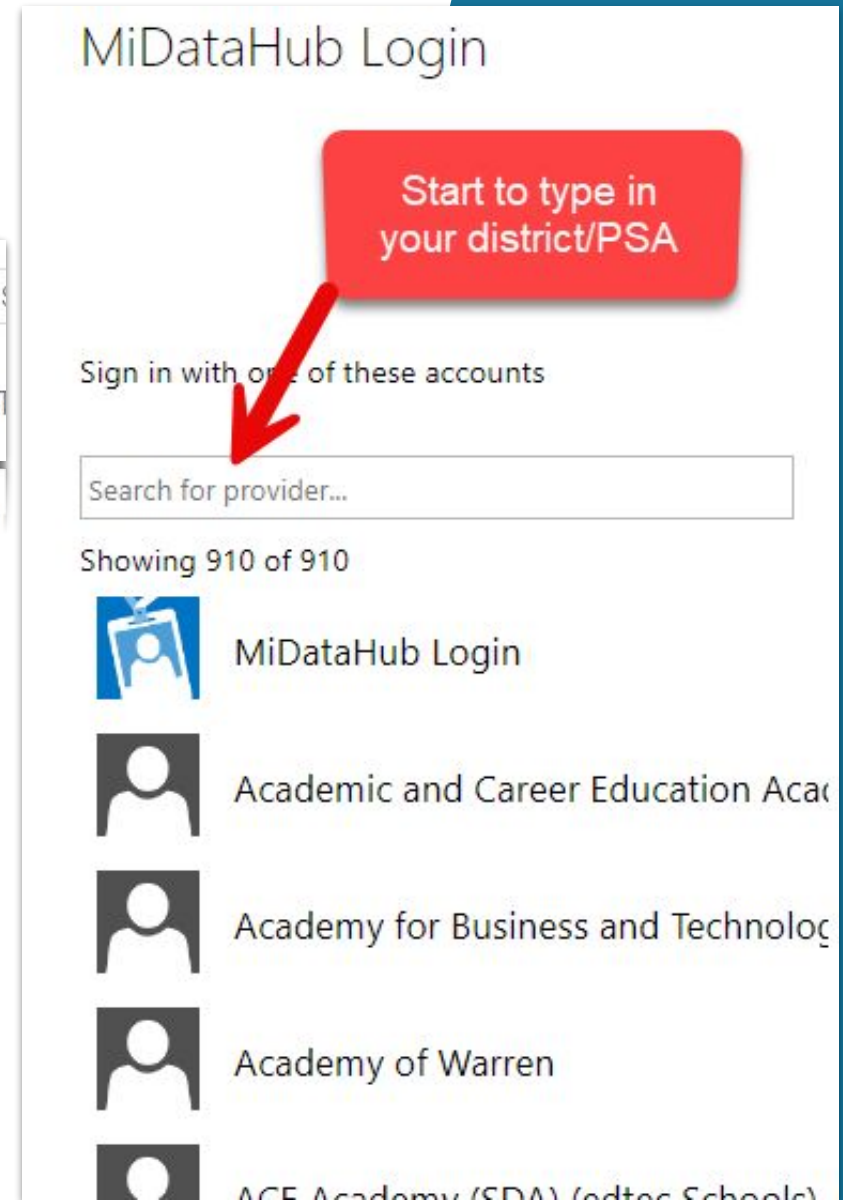
Support: [www.miservicedesk.com](http://www.miservicedesk.com)



# Logging In







<https://www.midatahub.org>












# MiDataHub Cockpit

Michigan Launch Pad windee.wagner@kresa.org

Sites that can access:

-  MICIP
-  MiDataHub Cockpit
-  Hub Cockpit - QA
-  MiStrategyBank

Additional Sites:

-  #GoOpen Michigan
-  EduPaths Professional Learning Catalog
-  MAISA Events Portal
-  Math Nation
-  MI Math & Science Leadership Network
-  MI School Data
-  Michigan Virtual
-  MiServiceDesk
-  SAS EVAAS



# Cockpit Information

1. Headings and Reports
2. Manage District and Authorizations
3. Integrations
  - a. Inbound
  - b. Outbound
  - c. API Integrations

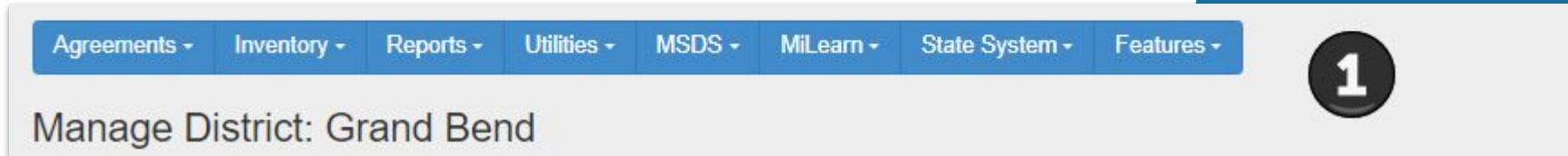
The screenshot displays the 'Manage District: Grand Bend' page in the Cockpit application. At the top, a navigation bar includes menu items: Agreements, Inventory, Reports, Utilities, MSDS, MiLearn, State System, and Features. A circled '1' highlights the top right corner. The main content area shows district details: Region (Michigan Data Hub), ISD/Intermediate District Code (State of Michigan), District (Grand Bend, Id: 182, Code: 255901), District Type (LEA), Address, URL, Current School Year (2020-2021), SFTP Password, Integration Server (HUB-WORKER305), and District Status (Active). A 'District Folder' icon is visible. Below these fields are 'Submit' and 'Cancel' buttons. A circled '2' highlights the 'Manage District' section. The 'Manage Authorizations' section includes a 'New Authorization' button and a table with columns: Name, Email, Authorizations, and Actions. A circled '3' highlights the table. The table contains six rows of authorization data.

Name	Email	Authorizations	Actions
[Redacted]	[Redacted]	Technical Contact District Superintendent District Superintendent Proxy District MiMTSS Contact	<a href="#">Edit</a> <a href="#">Delete</a>
[Redacted]	[Redacted]	Technical Contact	<a href="#">Edit</a> <a href="#">Delete</a>
[Redacted]	[Redacted]	Technical Contact	<a href="#">Edit</a> <a href="#">Delete</a>
[Redacted]	[Redacted]	Data Steward	<a href="#">Edit</a> <a href="#">Delete</a>
[Redacted]	[Redacted]	Technical Contact District Superintendent	<a href="#">Edit</a> <a href="#">Delete</a>
[Redacted]	[Redacted]	Technical Contact District Superintendent	<a href="#">Edit</a> <a href="#">Delete</a>



# Headings

- Agreements
- Inventory
- Reports
- Utilities
- MSDS
- MiLearn
- State System
- Features



**Agreements** – Location where Data Hosting and Sharing agreements can be found and electronically signed. This section is where a superintendent (or their proxy) will review and sign the Data Hosting, MiLearn, and other agreements as they are added.

**Inventory** – Location where your local districts Technology Systems Integrations and Systems Inventory are entered. Information entered here is used to ensure the Data Hub team is working with vendors on common integrations required throughout the state of Michigan.

**Reports** – Reports can be generated on data currently available in your districts Data Hubs. Available reports in categories such as Usage, Data Hub Performance, Data Quality, and numerous reports in the MSDS area including GSRP, TSDL, General Collection, Early Childhood, and Adult Education

**Utilities** – View audit and activity logs, run maintenance scripts, and generate accounts for the dashboards.

**MSDS** – Generate data for collection comparison, collection extractor, error check, and SRM.

**MiLearn** – If the MiLearn Data Service Agreement has been signed this option is available and allows users to manage the MiLearn functionality.

**State System** – Educational Entity Master (EEM) creates a path for your local state building information to flow from CEPI to MiDataHub for your district.

# Headings >Agreements

- Only a superintendent or their proxy can electronically sign or revoke agreements.
- View Agreements to accept or revoke
- Agreements do not expire unless otherwise noted.
- If a new agreement is needed notifications will be sent out.

MiDataHub Agreements

Agreement Title	Version	eSignature Status	Date Signed	Date Expires	eSigner	Action
MiMTSS Data System Opt-In Agreement	4	Accepted	11/5/2020 10:37:41 AM		Kevin Bullard	<a href="#">View Agreement</a>
MiLEARN Opt-In Agreement	4	Accepted	9/3/2020 11:52:01 AM		Tim Hall	<a href="#">View Agreement</a>
MiRead Opt-In Agreement	1	Accepted	5/22/2024 11:34:50 AM		Don Dailey	<a href="#">View Agreement</a>
Read by Grade 3 Opt-In Agreement	1	Rejected	10/7/2020 1:40:13 PM		Kevin Bullard	<a href="#">View Agreement</a>
MiCIP Opt-In Agreement	1	Accepted	11/23/2020 3:31:21 PM		Dirk Bradley as proxy for Dirk Bradley	<a href="#">View Agreement</a>
MiEWIMS Opt-In Agreement	1	Accepted	8/26/2021 3:17:27 PM		Amy Bažket	<a href="#">View Agreement</a>
Data Hosting Agreement Waiver	1	Accepted	2/12/2023 4:04:12 PM		Don Dailey	<a href="#">View Agreement</a>
Data Hosting Agreement	6	Accepted	4/3/2023 9:16:56 AM		Don Dailey	<a href="#">View Agreement</a>
MiCoachCompass Opt-In Agreement	1	Pending				<a href="#">View Agreement</a>

# Headings > Inventory

- Systems - Listing of type of integration and vendor
- Integrations - shows status of all configured integrations

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

Manage District **end**

Region : Michigan Data Hub  
ISD/Intermediate District Code : State of Michigan  
District : Grand Bend, Id: 182, Code: 255901  
District Type : LEA  
Address : .,  
URL :  
Current School Year : 2020-2021 (populated) ▾  
SFTP Password : .....  
Integration Server : HUB-WORKER305  
District Status : Active ▾

Submit Cancel

# Headings > Reports

- View District Reports - Pre Built reports
- [Manage Custom Exports](#) - Pre Built and custom sql queries

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

Manage District: Grand Bend

Region : Michigan Data Hub

ISD/Intermediate District Code : State of Michigan

District : Grand Bend, Id: 182, Code: 255901

District Type : LEA

Address : , ,

URL :

Current School Year : 2020-2021 (populated) ▾

SFTP Password : .....

Integration Server : HUB-WORKER305

District Status : Active ▾

Submit Cancel



# Headings > Reports > Data Quality

- [At-A-Glance Report](#) - Provides aggregated data counts on building and district level data.
- **EEM Mapping** - Displays the current between Education Organization and Educational Entity Master
- **Role Validation** - Verify role assignments being sent from SIS

[YouTube - At-A-Glance](#)

[YouTube - Role Validation](#)

The screenshot shows a 'District Reports' menu with several categories. The 'Data Quality' category is highlighted in blue and contains a list of reports. Two reports, 'At-A-Glance' and 'Role Validation', are highlighted with red boxes. Each report has a help icon (a question mark in a circle) next to it. Other reports in the list include 'EEM Entity Mapping', 'MiDX Population', 'MSDS 10/30 Day Rule', 'MSDS Collection Error Detail Report By Student', 'MSDS Collection Error Summary Report (Flattened)', and 'MSDS Count Day Data Change Audit'. Below the 'Data Quality' section, there are other report categories: 'MSDS-Early Childhood', 'MSDS-General', 'MSDS-TSDL', 'MSDS-EarlyOn', and 'Attendance'.

District Reports
Cockpit Usage
Outbound Integration Reports
Data Hub Performance
<b>Data Quality</b>
<ul style="list-style-type: none"><li>• <b>At-A-Glance</b> ?</li><li>• <b>EEM Entity Mapping</b> ?</li><li>• MiDX Population ?</li><li>• MSDS 10/30 Day Rule ?</li><li>• MSDS Collection Error Detail Report By Student ?</li><li>• MSDS Collection Error Summary Report (Flattened) ?</li><li>• MSDS Count Day Data Change Audit ?</li><li>• <b>Role Validation</b> ?</li></ul>
MSDS-Early Childhood
MSDS-General
MSDS-TSDL
MSDS-EarlyOn
Attendance

# Headings > Reports > Manage Custom Exports

Export Manager

Manage Export Sets Select ODS Year:  
2024-2025

Export Set Name	Date Created	Last Submitted	Actions
Assessments	11/17/2023 03:19 PM		Delete Download File for 2024-2025
Data Quality Verification	11/06/2020 02:29 PM		Delete Download File for 2024-2025
Mode of Instruction	11/16/2022 06:29 PM		Delete Download File for 2024-2025
NWEA Section 98 Fall 2022	02/13/2023 03:51 PM		Delete Download File for 2024-2025
OneRoster - Users	08/22/2022 02:00 PM		Delete Download File for 2024-2025

Add New Export Set  
Manage Query Bank  
Manage Query Tags

Select Query Tag... Create Export Set

[YouTube: Reports - Manage Custom Exports](#)

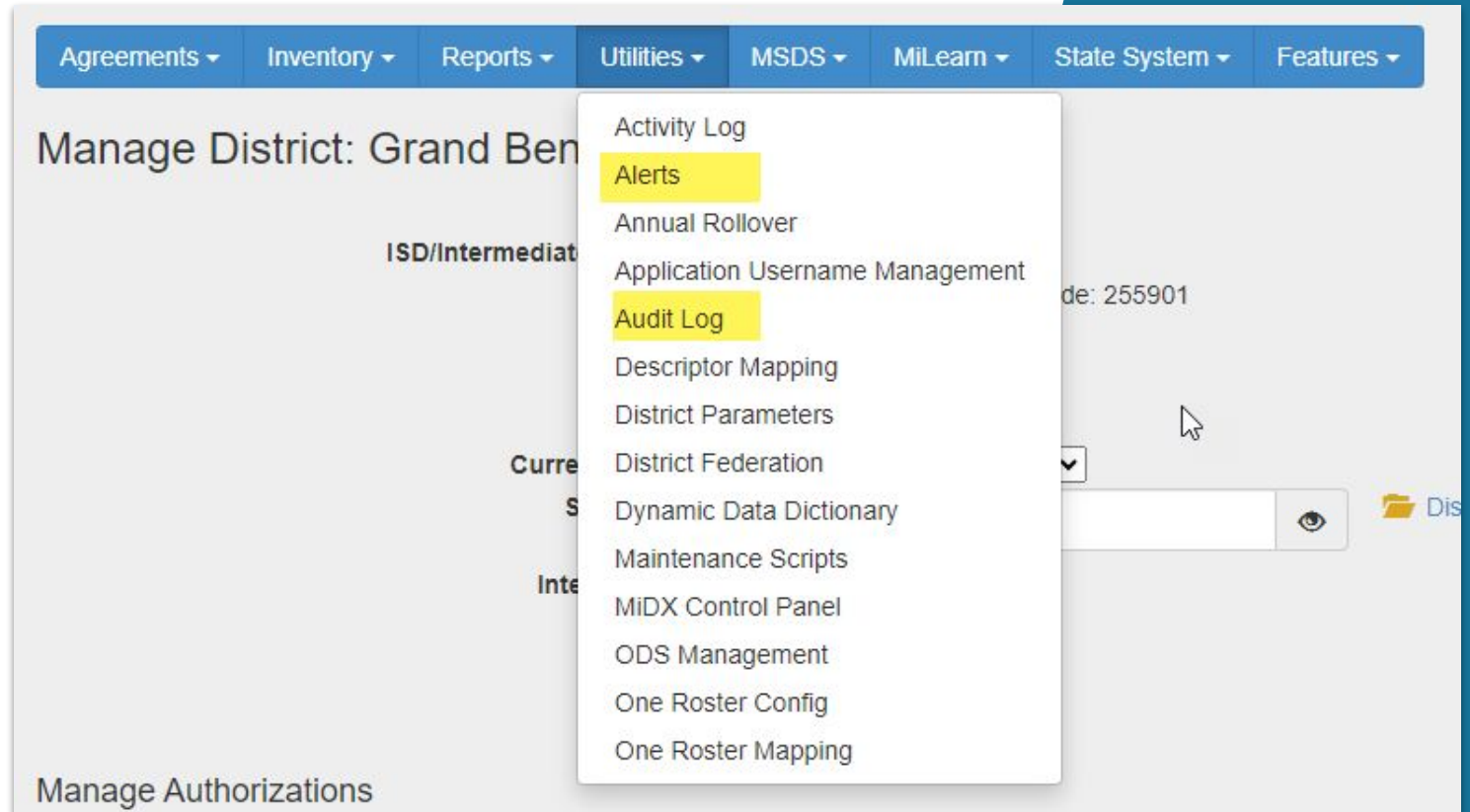


# Headings > Utilities

- [Alerts](#) - create notifications when data sets have not been updated after a certain period.
- Audit Log - different log types in the MiDataHub cockpit to verify audited activities occurring in the ODS.

[YouTube Alert](#)

[YouTube Reviewing Audit Log](#)



# Headings > MSDS

The MiDataHub supports the export of data from a MiDataHub district database (ODS) to the XML format currently supported by CEPI. The MSDS functionality in MiDataHub includes data quality alerts, an MSDS error check process, a growing library of MSDS reports, XML file extraction process for all MSDS collections, and a comparison tool to compare MiDataHub XML extracts to native SIS extracts.

[MiDataHub MSDS Documentation](#)

The screenshot shows the 'Manage District: Grand Bend' interface in MiDataHub. The top navigation bar includes 'Agreements', 'Inventory', 'Reports', 'Utilities', 'MSDS', 'MiLearn', 'State System', and 'Features'. The 'MSDS' menu is open, displaying a list of options: 'Collection Comparison', 'Collection Extractor', 'Error Check', 'Student Record Maintenance', 'Count Day Data Management', 'Data Readiness Checks', and 'School Management'. The main form area contains the following fields and controls:

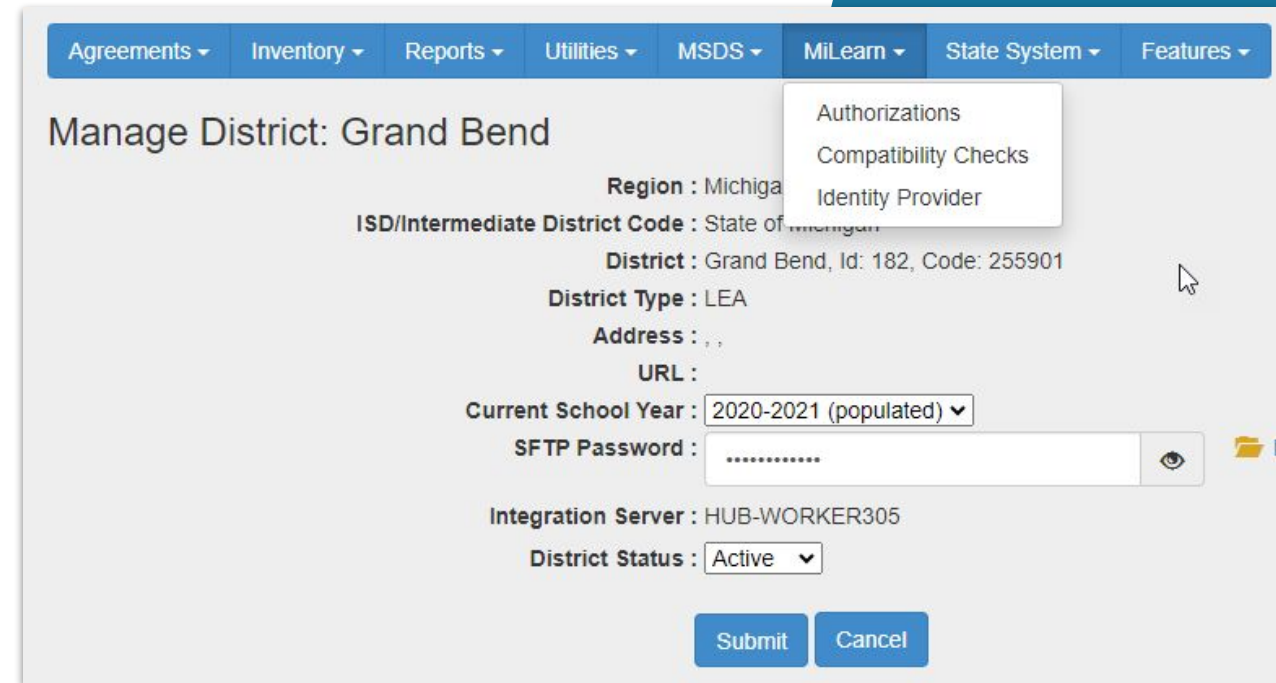
- Current School Year:** 2020-2021 (populated) [dropdown]
- SFTP Password:** [password field with eye icon]
- Integration Server:** HUB-WORKER305
- District Status:** Active [dropdown]
- Buttons:** Submit, Cancel



# Headings > MiLearn

Through the MiDataHub MiLearn delivers state assessment data electronically to students, parents, and educators. MiLearn is updated daily through your SIS using SSO.

[MiDataHub MiLearn Documentation](#)  
[SIS Specific Documentation](#)



The screenshot shows the 'Manage District: Grand Bend' configuration page in the MiLearn interface. The top navigation bar includes tabs for Agreements, Inventory, Reports, Utilities, MSDS, MiLearn (selected), State System, and Features. A dropdown menu is open under the MiLearn tab, showing options for Authorizations, Compatibility Checks, and Identity Provider. The main content area displays the following configuration details:

- Region : Michiga
- ISD/Intermediate District Code : State of Michigan
- District : Grand Bend, Id: 182, Code: 255901
- District Type : LEA
- Address : , ,
- URL :
- Current School Year : 2020-2021 (populated) ▼
- SFTP Password : [masked]
- Integration Server : HUB-WORKER305
- District Status : Active ▼

At the bottom of the form are 'Submit' and 'Cancel' buttons.

# Headings > State System

State System is where you turn on and configure EEM. This updates building data but not staff updates such as superintendent data.

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

Manage District: Grand Bend

EEM Data Use

Region : Michigan Data Hub  
ISD/Intermediate District Code : State of Michigan  
District : Grand Bend, Id: 182, Code: 255901  
District Type : LEA  
Address : , ,  
URL :  
Current School Year : 2020-2021 (populated) ▾  
SFTP Password : .....  
Integration Server : HUB-WORKER305  
District Status : Active ▾

Submit Cancel

MICHIGAN DataHub

Michigan Data Hub > State of Michigan > Grand Bend > EEM Data Use

EEM Data Use for Grand Bend

Select the uses for the EEM system data in Grand Bend

MSDS Processes

Education Organization Address

Education Organization Identities

Education Organization Name

Education Organization Telephone

School



Submit Cancel

# Headings > Features

- MSDS
- MICIP
- Michigan EWIMS (Early Warning Intervention Monitoring System)
- MiDataHub Data Quality
- MiCoachCompass
- Michigan Data Exchange

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

### Manage District: Grand Bend

Region : Michigan Data Hub  
ISD/Intermediate District Code : State of Michigan  
District : Grand Bend, Id: 182, Code: 255901  
District Type : LEA  
Address : , ,  
URL :  
Current School Year : 2020-2021 (populated) ▾  
SFTP Password : .....   District Folder  
Integration Server : HUB-WORKER305  
District Status : Active ▾



- MSDS
- MICIP
- Michigan Early Warning Intervention Monitoring System
- Benchmark Assessment Legislation
- MiDataHub Data Quality**
- MiCoachCompass
- Michigan Data Exchange

# Manage District

- 1 - **ODS**: Autogenerated by Data Hub each year
- 2 - **District Status**: Populated or Empty
3. **Authorizations**: Roles and access

Agreements ▾ Inventory ▾ Reports ▾ Utilities ▾ Features ▾

## Manage District: Training Site for 2025

Region : Michigan Data Hub  
ISD/Intermediate District Code : Anonymized Districts  
District : Training Site for 2025, Id: 1051, Code: 900059  
District Type : LEA  
Address : , ,  
URL : **1**  
Current School Year : 2024-2025 (populated) ▾  
SFTP Password : .....   District Folder  
Integration Server : HUB-WORKER305  
District Status : Active ▾ **2**

### Manage Authorizations

**3**

Name	Email	Authorizations	Actions
Kevin Bullard	kevin.bullard@kresa.org	Data Steward	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
Melissa Tront	melissa.tront@kresa.org	Technical Contact District Superintendent	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
Windee Wagner	windee.wagner@kresa.org	Technical Contact District Superintendent Proxy	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
Laura Cab	lcaballero@michit.org	Technical Contact	<input type="button" value="Edit"/> <input type="button" value="Delete"/>

[YouTube - How to Generate an ODS](#)

[YouTube - Creating and Managing User Roles](#)



# Manage District & Authorizations

- Superintendent and Proxy can only be updated by MiDataHub Staff.
- Should be updated yearly
- Technical Contact highest role with most authorization.

Manage Authorizations

[New Authorization](#)

Name	Email	Authorizations	Actions
Kevin Bullard	kevin.bullard@kresa.org	Data Steward	<a href="#">Edit</a> <a href="#">Delete</a>
Melissa Tront	melissa.tront@kresa.org	Technical Contact District Superintendent	<a href="#">Edit</a> <a href="#">Delete</a>
Windee Wagner	windee.wagner@kresa.org	Technical Contact District Superintendent Proxy	<a href="#">Edit</a> <a href="#">Delete</a>
Laura Cab	lcaballero@michit.org	Technical Contact	<a href="#">Edit</a> <a href="#">Delete</a>

Inbound Integrations  
[\(show all\)](#)

- [Assessment System: Measures for Academic Progress \[MAP\] Distributed 2 \(current\)](#)
- [Add Integration](#)

Outbound Integrations  
[\(show all\)](#)

- [State-Sourced System: Assessment Importer 1: Request Assessment for Students without Assessments \(current\)](#)
- [Add Integration](#)

API Integrations  
[\(show all\)](#)

- [Student Information System: PowerSchool 1](#)
- [State-Sourced System: Assessment Importer 1](#)
- [Educational Analytics: Benchmark Assessment Legislation 1](#)
- [Add Integration](#)

[YouTube: Creating a Superintendent Proxy](#)

# Integrations

Inbound Integrations (show all)	Outbound Integrations (show all)	API Integrations (show all)
<ul style="list-style-type: none"><li>• Assessment System: Measures for Academic Progress [MAP] Distributed 2 (current)</li><li>• Add Integration</li></ul>	<ul style="list-style-type: none"><li>• State-Sourced System: Assessment Importer 1: Request Assessment for Students without Assessments (current)</li><li>• Add Integration</li></ul>	<ul style="list-style-type: none"><li>• Student Information System: PowerSchool 1</li><li>• State-Sourced System: Assessment Importer 1</li><li>• Educational Analytics: Benchmark Assessment Legislation 1</li><li>• Add Integration</li></ul>

- Inbound Integrations examples are NWEA and Acadience
- Outbound Integrations examples are MiLearn and State Assessment Importer
- [API \(Applications Programming Interface\) Integrations](#) examples SIS, Benchmark Assessment, SAS EVAAS and Munetrix

# Q & A



# Thank You







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