

Ed-Fi Credential Application: Overview

Carrie Boe & Jaidaa Shafaei
WISEdata Conference
March 9 & 10, 2023

Goals for Today's Session

- **Understand the purpose and overall function of Ed-Fi Credential**
- **Navigate how to modify multiple vendor subscriptions**
- **Keep your SIS subscription safe and current in Ed-Fi Credential**
- **Monitor your school's data flow**

Ed-Fi Credential Intro

- **Wisconsin Department of Public Instruction's (DPI) WISEdata project aims to improve the collection of required state and federal data.**
- **DPI has selected Ed-Fi interoperability framework to facilitate collecting local education agency (LEA) information.**
- **This framework needs to be implemented (if it is not already) by the LEA's:**
 - student information system (SIS),
 - financial data system,
 - and other technology providers.

Ed-Fi Credential: Find a Vendor

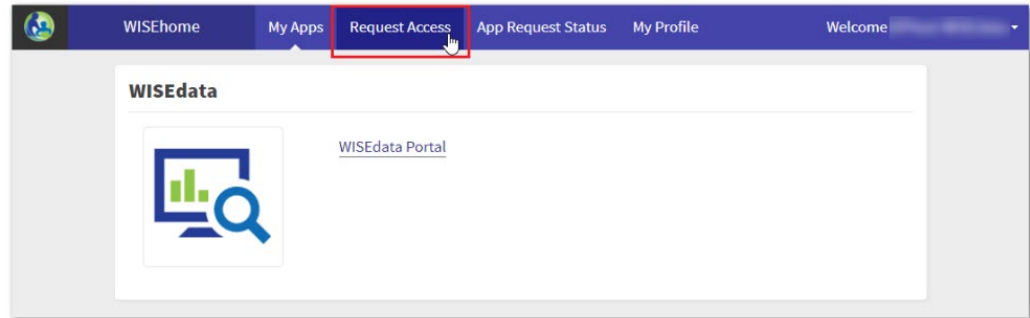
- [Find a Certified vendor.](#)

| Vendor Name ↑ | Product Type | Ed-Fi Version 5.x - (22/23) | Ed-Fi Version 5.x - (21/22) | Ed-Fi Version 3.x - (20/21) | Website | Supported Feature |
|------------------|---------------------------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Blackbaud | Student Information System (Choice Only) | Certified | Certified | Certified | https://www.blackbaud.com | ✦ Digital Equity on SIS. ✦ Student Identity Integration. ✦ Choice Audit Requirements. |
| FACTS | Student Information System (Choice Only) | Certified | Certified | Certified | https://factsmgt.com | ✦ Immunization Registry Integration ✦ Digital Equity on SIS ✦ Digital Equity on Parent Portal/Online Registration Forms. |

User Set Up

- [WISEsecure](#)
Assign user roles and access to secure WISE applications.

In WISEhome, go to the **Request Access** tab at the top of the screen.



User Set Up Ctd.

- **District**
- **Job Title**
- **Applications**
- **Comments**
- **Request Access**

The screenshot shows the 'Customer Request Access' form in the WISEhome system. The form is titled 'Customer Request Access' and includes the following fields and options:

- Public/Private:** Radio buttons for 'Public' (selected) and 'Private'.
- District:** A dropdown menu with a red asterisk icon and the text 'Select...'. Below it is a link that says 'Click Here to Search'.
- Search Table:** A table with columns 'Select', 'School Type', 'School Name', and 'City'. The table is currently empty.
- Job Title:** A text input field with a red asterisk icon.
- Applications:** A dropdown menu with a red asterisk icon and the text 'Select App(s)...'. Below it is a link that says 'Click Here to Search'.
- Comments:** A text input field.
- Buttons:** 'Request Access' (blue) and 'Clear' (white) buttons at the bottom right.

Ed-Fi Credential Initial Access

Users of most secure applications have access to confidential information about students, staff, and other data.

Protecting student privacy is required by law and is the highest priority of the Department of Public Instruction.

Resources regarding protecting student privacy in Wisconsin are provided

at <http://dpi.wi.gov/wise/data-privacy>.

Wisconsin Department of Public Instruction Application Usage and Data Access Agreement

You are currently identified by your Application Administrator as an authorized user of secure applications created by the Wisconsin Department of Public Instruction. Users of most secure applications have access to confidential information about students, staff, and other data. Protecting student privacy is required by law and is the highest priority of the Department of Public Instruction. Resources regarding protecting student privacy in Wisconsin are provided at <http://dpi.wi.gov/wise/data-privacy>.

To protect the privacy of student data, staff data, and other data accessible through secure applications, users are required to agree to each of the statements below.

- I will respect and safeguard the privacy of students and staff and the confidentiality of student data, staff data, and other data accessed.
- I will comply with state and federal privacy laws and all local or agency specific regulations, policies, and procedures established to maintain the confidentiality of student, staff, and other data accessed.
- I will not disclose or transmit confidential student, staff, or other data to persons not specifically authorized access to these data by the District Security Administrator, Application Administrator, or District Administrator.
- I will use the confidential data for legitimate educational purposes only as necessary to perform my assigned tasks.
- I understand that my password is as important as my signature. It is my obligation to keep my password confidential. I will not share my password with anyone. I will also not share my secure application access with anyone.
- I will not use other users' login names or passwords.
- I have viewed the privacy training [Protecting Personally Identifiable Information \(PII\)](#) and understand my obligation to protect the confidentiality of the data that I will be accessing.

Agreement to Protect Privacy

Disagree

Agree

Ed-Fi Credential Subscription

- **Establish credentials within the Ed-Fi Credential Application**
 - Key
 - Secret
 - LEA ID*
 - URL*

**only applicable to some vendors*
- **Contact your vendor to determine if key/secret is entered by vendor or the school.**

Creating Ed-Fi Credential Subscription

- Your security API credentials (key and secret) should be kept private and should not be shared.
- Do not send key/secret via email.
- When you add a vendor subscription, your vendors will receive an email notification.
 - *Vendors also have access to the Ed-Fi Credential Application and can obtain your API credentials directly from the application.*

New Schools

Adding a new vendor subscription:

- **Resource Access:**
 - **General SIS:** Write on all student data
 - **Discipline:** Write only on discipline data
 - **Special Education:** Write only on special education/program data
 - **Finance:** Write on local account, budget and actual
- **No year conditions needed**
 - No Access After School Year
 - Read Only Prior to School Year

New Subscription

| | |
|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Vendor Name | <input type="text" value="Select a Vendor"/> |
| Resource Access | <input type="text" value="Select an Access Level"/> |
| Year required only when limiting vendor data access or there is a potential overlap of multiple vendor services | |
| No Access After School Year | <input type="text"/> if selected, the vendor selected won't have access to your data after the selected school year. |
| Read Only Prior To School Year | <input type="text"/> if selected, the vendor selected will have read only access prior to the selected school year. |

By subscribing, you are agreeing to the following:

1. District data is required to be collected and then housed at the Department of Public Instruction through the Wisconsin Information System for Education. This agreement will authorize SIS and domain specific vendors to access and use limited educational records for Districts housed at the District, in the cloud, or housed by DPI's Wisconsin Information System for Education and is intended solely for the purpose of state and federal reporting and/or to provide value added services for Districts.
2. Pursuant to the Family Education Rights and Privacy Act ("FERPA"), 20 U.S.C Section 1232g, 34 C.F.R. 99.33(b), an education agency or institution such as a District may disclose personally identifiable information from student education records with the understanding that the party receiving the information may make further disclosures of the information on behalf of the education agency or institution if the disclosures meet the requirements of 34 C.F.R. 99.31 and if the education agency or institution has complied with 34 C.F.R. 99.32(b), which requires a record of the disclosure, including the names of the additional parties to which the receiving party may disclose and the legitimate interests which each of the additional parties has in requesting or obtaining the information.
3. The District understands that it retains the rights to all data from its educational records and that this request does not in any way waive its rights to that data. By subscribing to the vendor, District acknowledges that it has the necessary authority to give this permission.

[Save changes](#) [Close](#)

Existing Schools: Modify a Subscription ¹

- **Modifying a SIS, Finance, or Specialized (i.e., discipline and special education) Vendor?**
 1. Submit a [Help Ticket](#) to DPI
 2. Contact your SIS vendor(s)

Existing Schools: Modify a Subscription ₂


- Modifying a Subscription:
 - “Old Vendor” no longer reporting
 - add year conditions

Vendor Subscription

Your Vendors:

▼ All Schools

| Type | Resource Access | Vendor Name | Credentials | Year Cut-offs | |
|------------|---------------------------|-------------|---------------------------------------------------------------------------------------------------------------------|---------------|-------------------------------------------------------------------------------------------------------|
| Public SIS | Write on all student data | Jaidaa_Test | Key Jaidaa_Test - 46006 - Wisconsin Dept of Public Ins Secret 50c15c330f004c304824d3bb4a7b7f | | Add Reset Modify Unsubscribe |



Existing Schools: Modifying Subscription ³

Edit Subscription ×

| | |
|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Vendor Name | Jaidaa_Test |
| Resource Access | <input type="text" value="Write on all student data"/> |
| Year required only when limiting vendor data access or there is a potential overlap of multiple vendor services | |
| No Access After School Year | <input type="text"/> If selected, the vendor selected won't have access to your data after the selected school year. |
| Read Only Prior To School Year | <input type="text"/> If selected, the vendor selected will have read only access prior to the selected school year. |

- **No Access After School Year:** choose the school year the old subscription should stop

Existing Schools: Modify a Subscription ⁴

Edit Subscription



Vendor Name

Jaidaa_Test

Resource Access

Write on all student data

Year required **only when** limiting vendor data access or there is a potential overlap of multiple vendor services

No Access After School Year

If selected, the vendor selected won't have access to your data after the selected school year.

Read Only Prior To School Year

If selected, the vendor selected will have read only access prior to the selected school year.

New Vendor

Subscription:

- **Read Only Prior to School Year**

Enter the school year vendor will begin reporting data



Existing Schools: Modify a Subscription ⁵

- Ending a subscription (unsubscribe)

Completely remove subscription


Data has been captured for Snapshot and/or new SIS can modify previous school year data

Vendor Subscription

Your Vendors:

▼ All Schools

| Type | Resource Access | Vendor Name | Credentials | Year Cut-offs | Add |
|------------|---------------------------|-------------|-----------------------------------------------------------------------------------------------------------------------|---------------|--------------------------------------------------------------------------------|
| Public SIS | Write on all student data | Jaidaa_Test | Key Jaidaa_Test - 48856 - Wisconsin Dept of Public Ins Secret 5ac35cb30f0c4cc394852bccbaa57b7f | | Reset Modify Unsubscribe |



Monitor your Data Flow

In the WISEdata Portal > Home page > Data Pipeline Status

The screenshot shows the WISEdataPortal interface. At the top, there is a navigation bar with 'Home' highlighted. Below it is a 'Validation Message Summary' section with a horizontal bar chart for the years 2022-2023 and 2021-2022. The 2022-2023 bar shows a significant portion in red (Error) and a smaller portion in orange (Unacknow). The 2021-2022 bar is entirely blue. Below this is the 'Data Pipeline Status' section, which is highlighted with a red box. It includes 'School Years' (2022 - 2023 and 2021 - 2022) and a 'Vendor(s)' section. A sub-section titled 'Vendor / WISEdata Communication Status' is also highlighted with a red box. It contains a text block explaining that the goal is to alert users of vendor status in the last 24 hours and that red 'X' icons indicate communication errors. Below this text is a table with two rows, one for 2022 - 2023 and one for 2021 - 2022. Each row has a 'Last request to WISEdata Api' field and a 'Vendor Name' field with a red 'X' icon. The table is highlighted with a red box.

WISEdataPortal Agency Alerts

Home Data Quality Validation Messages Student Search School Roster Details Graduation Plan Exports Expected Transfers

Digital Equity T-Mobile Hotspot Vendor Resources

Validation Message Summary

2022-2023

2021-2022

0 % 20 % 40 %

— Error — Unacknow

District

Data Pipeline Status

School Years: 2022 - 2023 2021 - 2022

Vendor(s)

Vendor / WISEdata Communication Status

This section provides a list of vendors used by your district that you have approved for integration with WISEdata. **The goal is to alert you of the status of the specific vendor's communication in the last 24 hours.** Vendor READ transactions may be included or excluded depending on whether the user setting is check / unchecked (Include API Read (GET) transactions) in last communication date/time, calculations determining green/red status and in drill-down counts and record detail.

If there are communication errors (often called Level 1 validation errors) you will see a red 'X' icon. Click on the vendor box indicating errors have occurred to see the detail.

While much of the data in the drill down is a bit more technical, it can sometimes be obvious as to the issue or it can provide enough information to log a ticket with your vendor to let them know that data they are attempting to obtain, send or delete within WISEdata isn't happening.

Include API Read (GET) transactions

| | |
|------------------------------|---------------------|
| 2022 - 2023 | Vendor Name |
| Last request to WISEdata Api | 3/3/2023 3:24:42 PM |
| 2021 - 2022 | Vendor Name |
| Last request to WISEdata Api | 3/3/2023 3:07:44 PM |

WISEdata Portal feedback

The screenshot shows a detailed view of the 'Data Pipeline Status' page. It includes 'School Years' (2023 - 2024, 2022 - 2023, 2021 - 2022) and a 'Vendor(s)' section. A sub-section titled 'Vendor / WISEdata Communication Status' is highlighted with a red box. It contains a text block explaining that the goal is to alert users of vendor status in the last 24 hours and that red 'X' icons indicate communication errors. Below this text is a table with two rows, one for 2023 - 2024 and one for 2022 - 2023. Each row has a 'Last request to WISEdata Api' field and a 'Vendor Name' field. The 2023 - 2024 row shows 'No data received.' and the 2022 - 2023 row shows '12/19/2022 3:57:59 AM'. The table is highlighted with a red box.

Data Pipeline Status

School Years: 2023 - 2024 2022 - 2023 2021 - 2022

Vendor(s)

Vendor / WISEdata Communication Status

This section provides a list of vendors used by your district that you have approved for integration with WISEdata hours. Vendor READ transactions may be included or excluded depending on whether the user setting is check determining green/red status and in drill-down counts and record detail.

If there are communication errors (often called Level 1 validation errors) you will see a red 'X' icon. Click on the vendor box indicating errors have occurred to see the detail.

While much of the data in the drill down is a bit more technical, it can sometimes be obvious as to the issue or it can provide enough information to log a ticket with your vendor to let them know that data they are attempting to obtain, send or delete within WISEdata isn't happening.

Include API Read (GET) transactions

| | |
|------------------------------|-----------------------|
| 2023 - 2024 | Vendor Name |
| Last request to WISEdata Api | No data received. |
| 2022 - 2023 | Vendor Name |
| Last request to WISEdata Api | 12/19/2022 3:57:59 AM |

Monitor your Data Flow Ctd.

- When you click on the vendor box indicating errors have occurred to see the detail.

While much of the data in the drill down is a bit more technical, it can sometimes be obvious as to the issue or it can provide enough information to log a ticket with your vendor to let them know that data they are attempting to obtain, send or delete within WISEdata isn't happening.

██████████ 2023 Transactions
Does NOT include API Read (GET) transactions

Transactions in the last 24 Hours

| Aggregate Name | HTTP Method | ~ Error Count* | ~ Success Count* | Date/Time |
|-----------------------------------------------|-------------|----------------|------------------|-----------|
| ▶ studentSpecialEducationProgramAssociations | DELETE | 0 | 31 | Fri Mar |
| ▶ studentSpecialEducationProgramAssociations | PUT | 0 | 48 | Fri Mar |
| ▶ studentSpecialEducationProgramAssociations | POST | 0 | 56 | Fri Mar |
| ▶ StudentSectionAssociations | PUT | 0 | 256 | Fri Mar |
| ▶ StudentSectionAssociations | DELETE | 0 | 687 | Fri Mar |
| ▶ StudentSectionAssociations | POST | 0 | 911 | Fri Mar |
| ▶ StudentSchoolFoodServiceProgramAssociations | PUT | 0 | 2 | Fri Mar |
| ▶ StudentSchoolFoodServiceProgramAssociations | DELETE | 0 | 75 | Fri Mar |
| ▶ StudentSchoolFoodServiceProgramAssociations | POST | 0 | 108 | Fri Mar |
| ▼ studentSchoolAssociations | POST | 14 | 25 | Fri Mar |

Details

| Date/Time | Error Message | View Json |
|-----------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------------------|
| Fri Mar 03 2023 10:55:01 GMT-0600 (Central Standard Time) | Validation of 'StudentSchoolAssociation' failed. Student reference could not be resolved. | View Json |

Ed-Fi Credential Resources

[Ed-Fi Credential Mini-Tutorial](#)

[SIS Conversion Guidance](#)

[Vendor List](#)

[WISEsupport Ticket](#)



Thank you!