Ed-Fi Credential Application: Overview

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WISEdata Conference
March 9 & 10, 2023

WISCONSIN DEPARTMENT OF
Public Instruction
Jill K. Underly, PhD, State Superintendent

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.

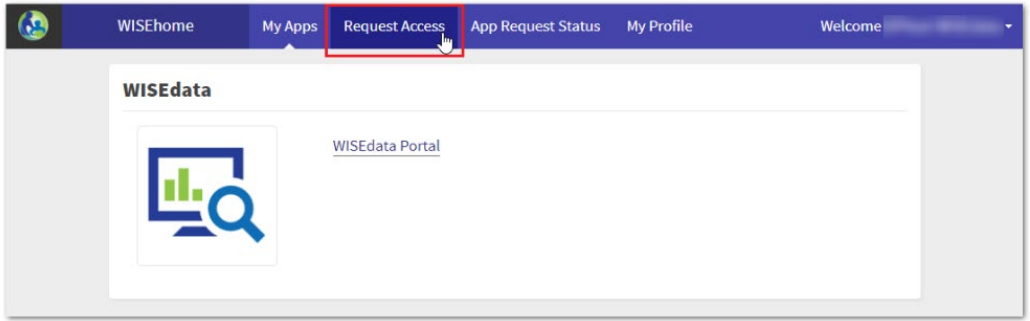
Vendor Name	Product Type	Ed-Fi Version 5.x - (22/23)	Ed-Fi Version 5.x - (21/22)	Ed-Fi Version 3.x - (20/21)	Website	Supported Feature
Blackbaud	Student Information System (Choice Only)	Certified	Certified	Certified	https://www.blackbaud.com	✣ Digital Equity on SIS. ✣ Student Identity Integration. ✣ 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

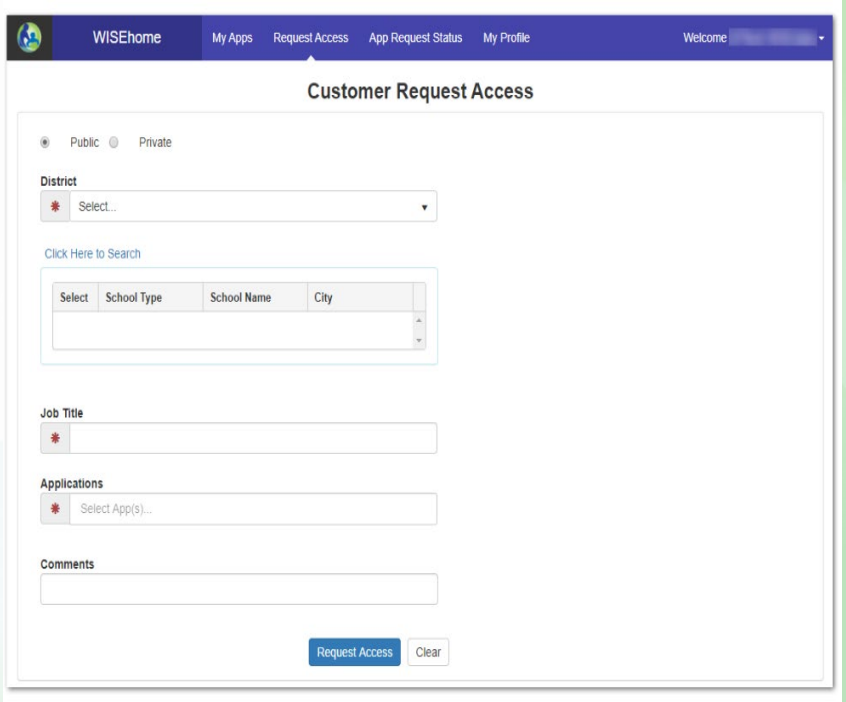
  Assign user roles and access to secure WISE applications.

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



User Set Up Ctd.

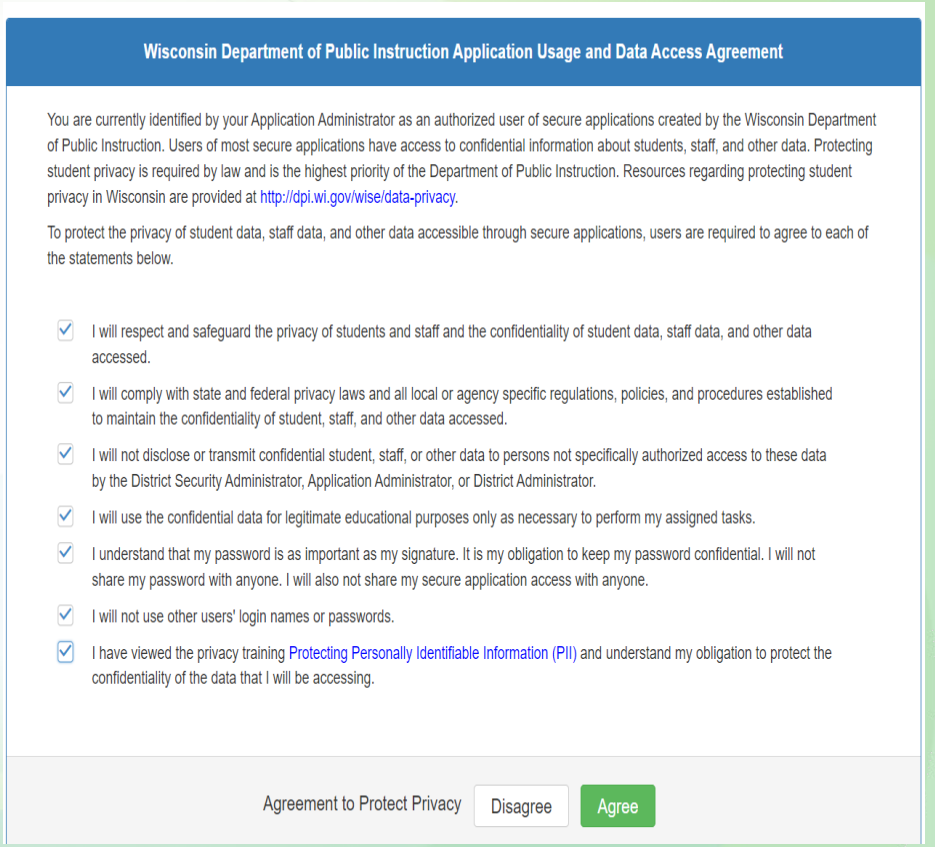
- District
- Job Title
- Applications
- Comments
- Request Access



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.



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.**

API Configuration

The school/district must enter security credentials into their SIS or financial management system (verify with your vendor). You may also need the API URLs and LEA ID/School ID to complete your API configuration. This information is available at the bottom of the Ed-Fi Credential application.

Ed-Fi URLs - 2023-24 forward:

Name	URL
Authentication	https://uaapps.dpi.wi.gov/EdFiWebApiV6/oauth/token
Base	https://uaapps.dpi.wi.gov/EdFiWebApiV6/data/v3
Swagger	https://uaapps.dpi.wi.gov/EdFiSwaggerV6/

Ed-Fi URLs - 2021-22 & 2022-23:

Name	URL
Authentication	https://uaapps.dpi.wi.gov/EdFiWebApi/oauth/token
Base	https://uaapps.dpi.wi.gov/EdFiWebApi/data/v3
Swagger	https://uaapps.dpi.wi.gov/EdFiSwagger/

Active Schools for [redacted] School District (LEA ID: [redacted]):

School ID	School Name
[redacted]	[redacted]
[redacted]	[redacted]
[redacted]	[redacted]

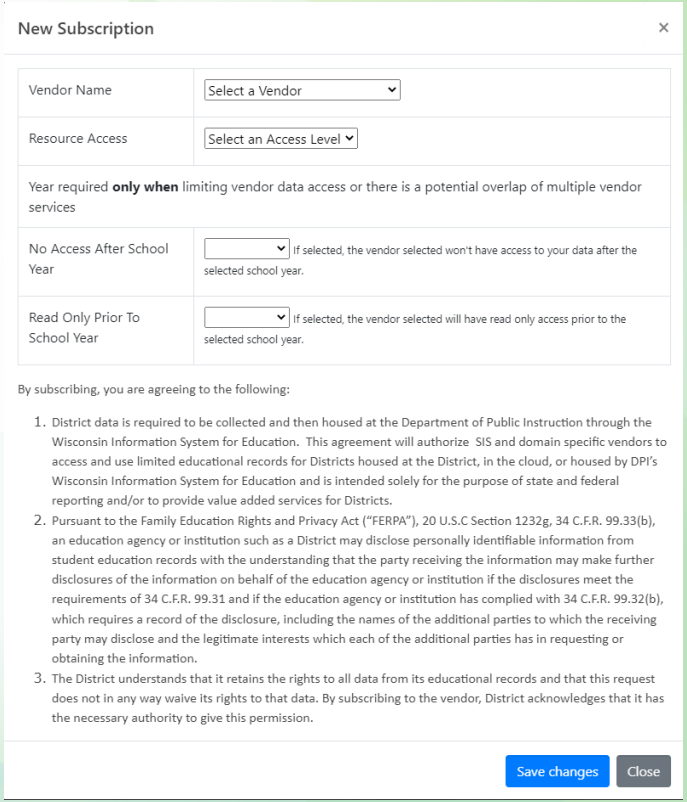
Creating Ed-Fi Credential Subscription

- **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



Existing Schools: Modify a Subscription 1

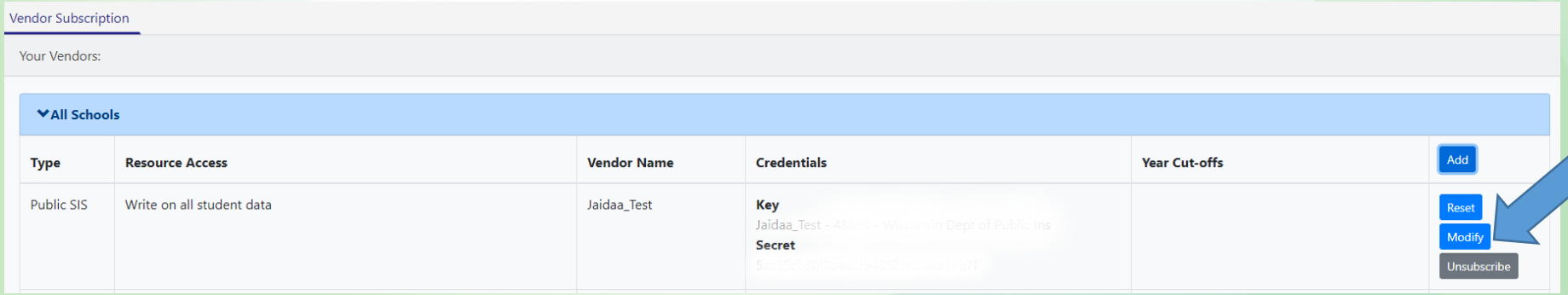
- **Modifying a SIS, Finance, or Specialized (i.e., discipline and special education) Vendor?**
  1. Submit a Help Ticket to DPI
  2. Contact your SIS vendor(s)

Existing Schools: Modify a Subscription 2

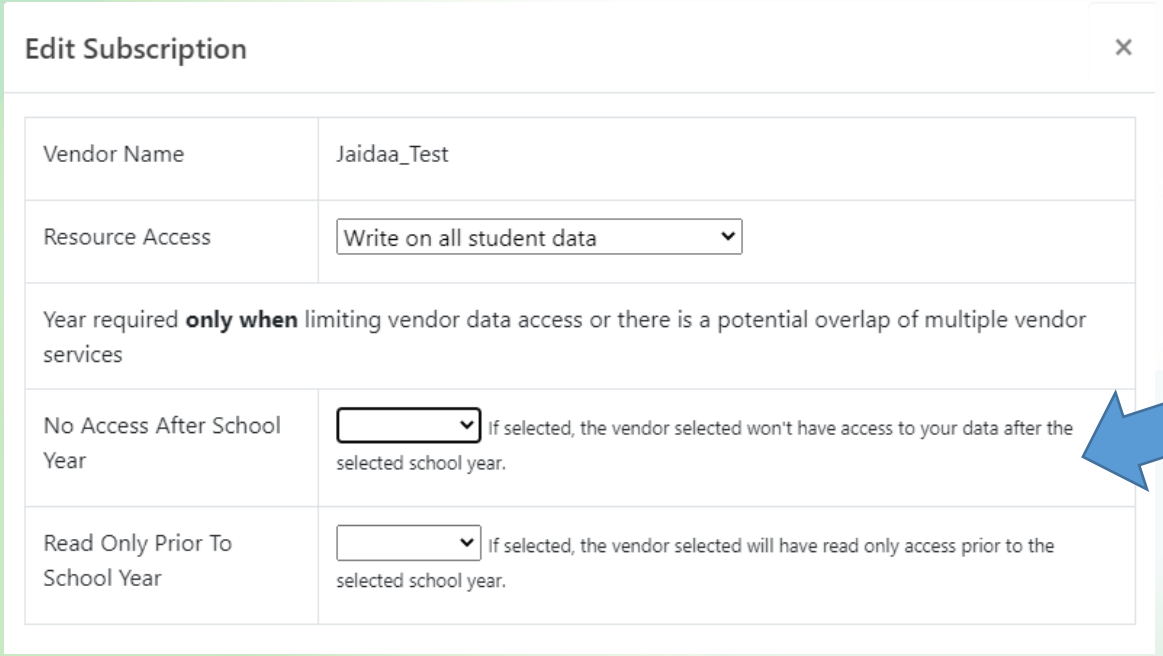
- **Modifying a Subscription:**

  “Old Vendor” no longer reporting

  ➢ **add year conditions**

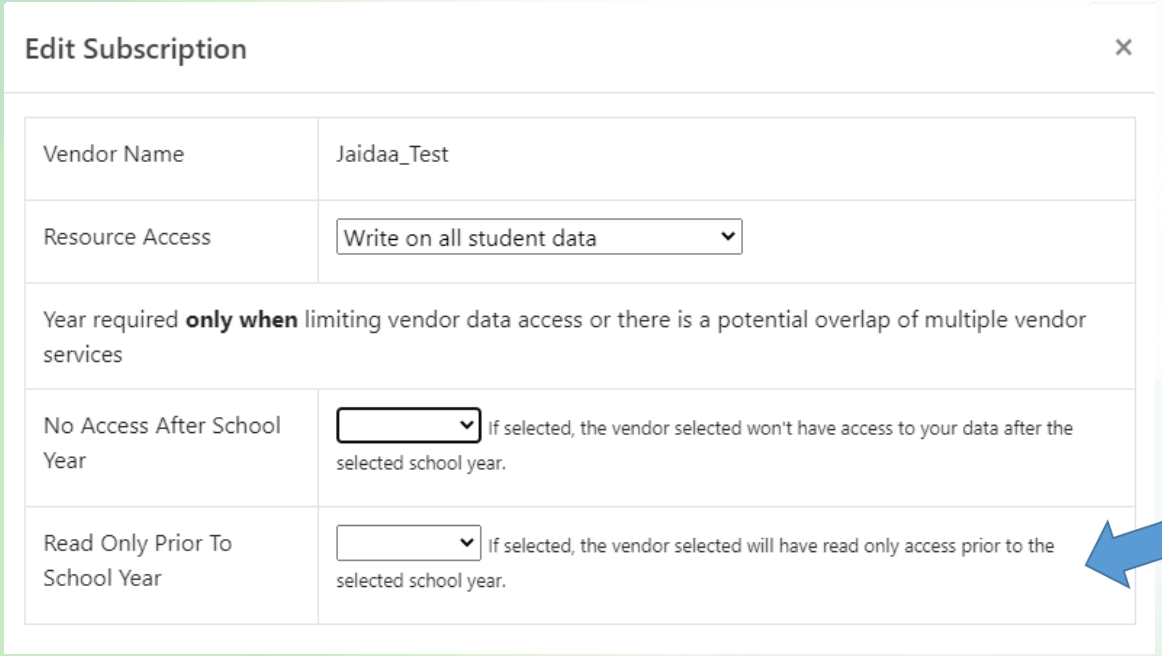


Existing Schools: Modifying Subscription 3



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

Existing Schools: Modify a Subscription 4



New Vendor Subscription:

- **Read Only Prior to School Year**

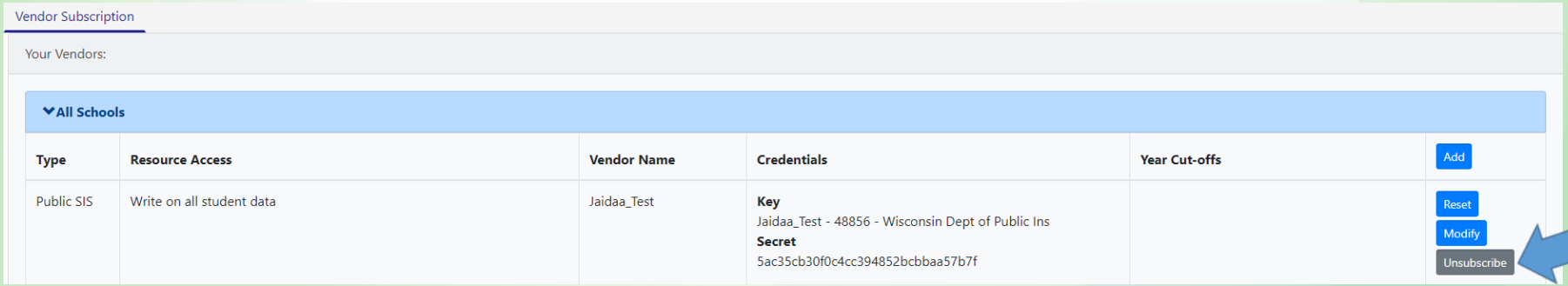
Enter the school year vendor will begin reporting data

Existing Schools: Modify a Subscription 5

- **Ending a subscription (unsubscribe)**

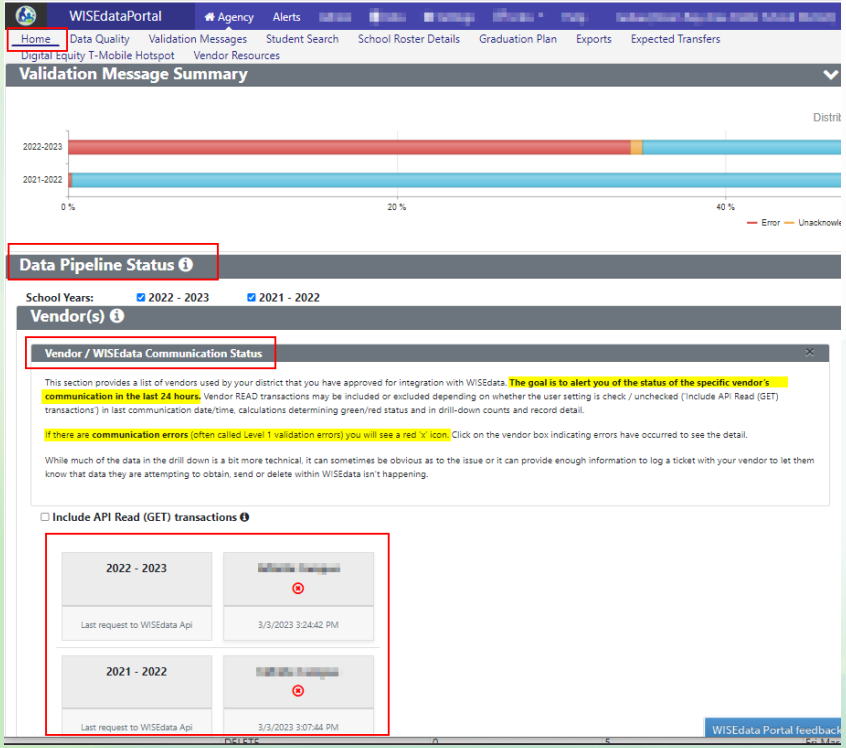
  Completely remove subscription

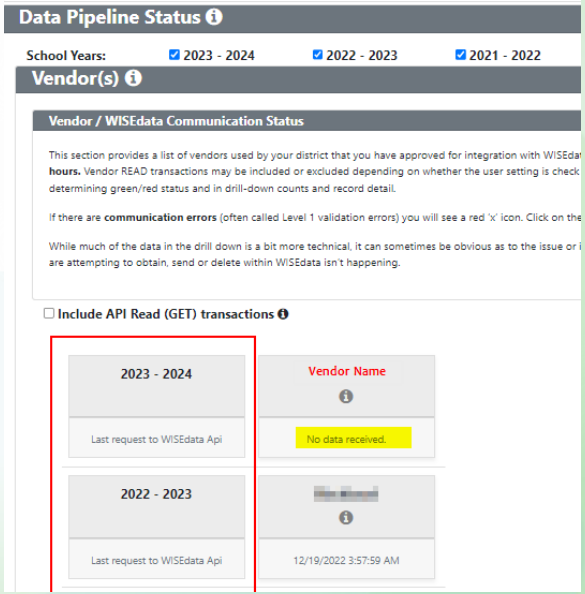
  Data has been captured for Snapshot and/or new SIS can modify previous school year data



Monitor your Data Flow

In the WISEdata Portal > Home page > Data Pipeline Status

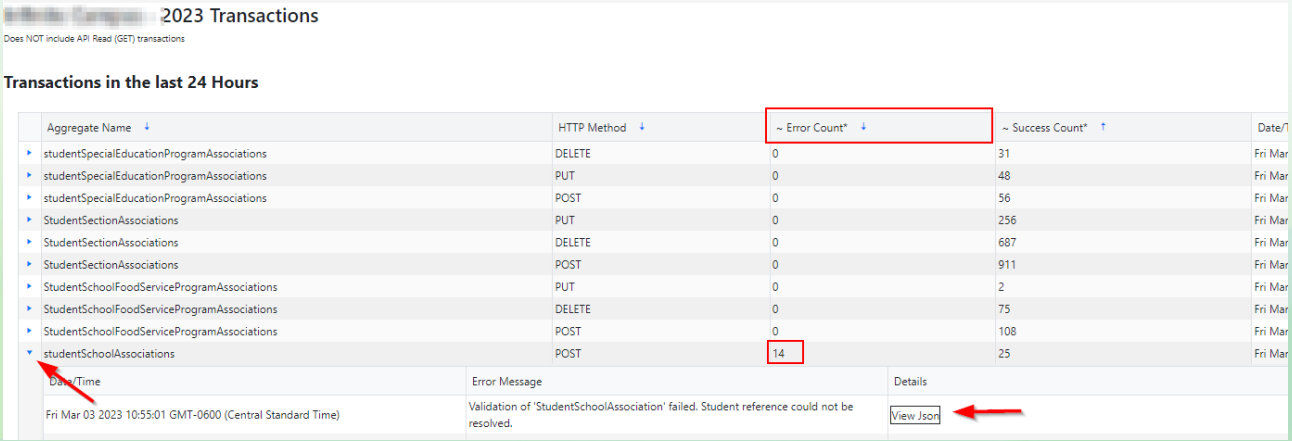




Monitor your Data Flow Ctd.

- **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.



[redacted] 2023 Transactions

Does NOT include API Read (GET) transactions

Transactions in the last 24 Hours

Aggregate Name	HTTP Method	~ Error Count*	~ Success Count*	Date/T
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

Date/Time	Error Message	Details
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!