

Message History (SIF Unity)

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Tool Search: Message History

The Message History tool allows users to generate a report of SIF Unity data activity and a report of State IDs that have been updated.

The Message History tool allows users to generate the following types of reports:

- **Message History** - generates a report that includes detailed information about messages sent for a specific SIF object within a specific time frame. This report allows you to review recent SIF data activity and can be used to verify configuration and troubleshoot any errors that have occurred during the exchange of data.
- **State ID Report** - generates a report of state IDs that have been updated in a specific time frame.

SIF Unity tools are only available for SIF v3.X or higher.

Configuration Tool ☆

System Settings > SIF Unity > Configuration Tool

Related Tools ▾

SIF Tools: SIF3

Object Viewer Sent Record History **Message History** Record Deleter

Instructions

The Message History Tool will generate a report to show SIF Unity data activity. It can be used to verify configuration and troubleshoot any errors that have occurred during the exchange of data.

Report Options

Start Date: **(Required)** month/day/year End Date: **(Required)** month/day/year

Report Options

Message History State ID Report

Select a SIF Object: **(Required)**

Attendance Information
 Discipline Information
 Grade Information
 Schedule Information
 School Information
 Staff Information
 Student Information
 User Information

Message History

Read - Access and generate the reports.

Write - Provides no function for this tool.

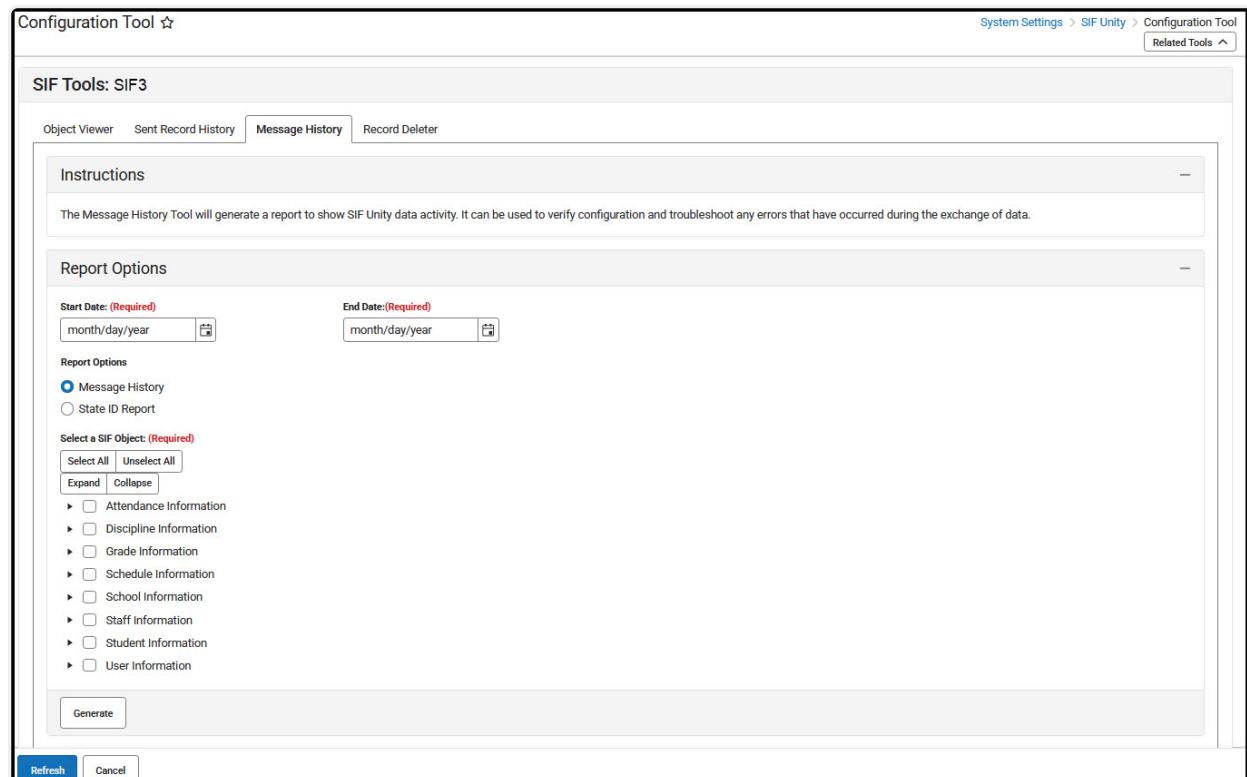
Add - Provides no function for this tool.

Delete - Provides no function for this tool.

For more information about Tool Rights and how they function, see [this Tool Rights article](#).

Generate the SIF Message History Report

Users can generate the SIF Message History Report to review recent SIF activity and diagnose SIF message errors that may be occurring from a SIF reporting entity.



The screenshot shows the 'SIF Tools: SIF3' section of the Configuration Tool. At the top, there are tabs for 'Object Viewer', 'Sent Record History', 'Message History' (which is selected), and 'Record Deleter'. Below these tabs is a 'System Settings' breadcrumb trail. A 'Related Tools' dropdown menu is also visible.

The main area is divided into sections: 'Instructions' and 'Report Options'. The 'Report Options' section contains fields for 'Start Date' and 'End Date', both marked as required. Under 'Report Options', the 'Message History' radio button is selected. Below this, there is a 'Select a SIF Object' section with checkboxes for various SIF objects: Attendance Information, Discipline Information, Grade Information, Schedule Information, School Information, Staff Information, Student Information, and User Information. The 'Attendance Information' checkbox is checked. At the bottom of the report options section are 'Generate', 'Refresh', and 'Cancel' buttons.

Message History

Review the Message History Summary:

The Message History Summary displays below the editor and shows a summary of SIF events that have occurred for the objects.

Message History Summary

Object	Last Response	Status	Records Sent
LEAInfo	11-14-2025 09:11 AM	Success	1
StudentContactPersonal	12-04-2025 01:27 PM	Success	4196
StudentPersonal	12-11-2025 03:24 PM	Success	1436
StudentcontactPersonal	12-12-2025 10:43 AM	Failure	0

Message History Summary

Message History Summary Fields

Field	Description
Object	The name of the SIF object(s) for which a message occurred.
Last Response	The data and time the message was sent.
Status	Indicates if the message was a success or failure.
Records Sent	The number of records sent for the object.

To Generate the SIF Message History Detail Report:

1. Select **Message History** as the Report Option.
2. Enter the **Start Date**. This is the first day in the date range of SIF messages included in the report.
3. Enter the **End Date**. This is the last day in the date range of SIF messages included in the report.
4. Select which **SIF Objects** will report message data. Select 'All Objects' to see all SIF messages within the timeframe or select an individual (or more) SIF Object to see SIF message results for these specific objects.
5. Generate the report.
6. The report will display below the editor. If desired, the report can be exported to Excel.

Message History Detail

Message History Detail									
Filter by Status: <input type="button" value="Success"/> <input type="button" value="Received"/> <input type="button" value="X"/> <input type="button" value="Clear"/> <input type="button" value="Apply"/> <input type="button" value="Export to Excel"/>									
Object	Configuration	Start Date	End Date	Status	Request Type	Records Sent	Records Processed	Number of Errors	Message History ...
LEAInfo	OKClientID45	11-14-2025 09:11 AM	11-14-2025 09:11 AM	Success	Batch Sent	1	0	0	3901AD1F-E0C3-4475-A6CD-F30D3B35D005

SIF Message History Report

Message History Detail Fields

Field	Description
Object	The name of the SIF object(s) selected for which the report is being generated. The objects are selected in the Extract Options editor.
Configuration	The name of the configuration in which the report is being generated.
Start Date	The Start Date indicated in the Extract Options editor.
End Date	The EndDate indicated in the Extract Options editor.
Status	The determined status of the batch sync. <ul style="list-style-type: none"> Success Failure <p>Note: The report is filtered to show Successful statuses by default.</p>
Request Type	The type of request for the SIF object. <ul style="list-style-type: none"> Batch Sent Request for ID
Records Sent	Indicates the number of records sent for the object.
Records Processed	The number of records successfully processed by the receiving SIF entity. If this number varies from the Records Sent number, this indicates errors occurred.
Number of Errors	The number of records that were not successfully processed by the receiving SIF entity. This indicates additional investigation might be necessary to identify the reason behind these errors.
Message History GUID	A unique identifier for the batch sync processed for that object.

Generate the State ID Report

The State ID report generates a report of State IDs that have been updated within a specified timeframe.

Configuration Tool ☆

System Settings > SIF Unity > Configuration Tool

Related Tools ▾

SIF Tools: OKClientID45

Object Viewer Sent Record History Message History Record Deleter

Instructions

The Message History Tool will generate a report to show SIF Unity data activity. It can be used to verify configuration and troubleshoot any errors that have occurred during the exchange of data.

Report Options

Start Date: (Required) 11/14/2025 End Date: (Required) 12/12/2025

Report Options

Message History State ID Report

Generate

State ID Update Summary

Export to Excel

Last Response	Last Name	First Name	Middle Name	Student Number	State ID
2025-12-11 15:07:50.271	Abercrombie	Skylar	Evan	42831	45454646

Refresh Cancel

State ID Update Summary

To Generate the State ID Report:

1. Select **State ID Report** as the Report Option.
2. Enter the **Start Date**. This is the first day in the date range of the State ID report.
3. Enter the **End Date**. This is the last day in the date range of the State ID report.
4. Generate the report.
5. The report will display below the editor. If desired, the report can be exported to Excel.

State ID Update Summary Fields

Field	Description
Last Response	Indicates the time and date of the last response.
Last name	The last name of the individual for whom the State ID was updated.
First Name	The first name of the individual for whom the State ID was updated.
Middle Name	The middle name of the individual for whom the State ID was updated.
Student Number	The student number of the individual for whom the State ID was updated.
State ID	The State ID of the individual for whom the State ID was updated.