

Message History (SIF Unity)

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[Generating the SIF Message History Report](#)

Tool Search: Message History

The Message History tool allows users to generate a report which 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.

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

SIF Unity ☆

System Settings > SIF Unity > SIF Unity

SIF Tools: SIF3

Object Viewer

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.

Extract Options

Start Date: (Required)

month/day/year

End Date: (Required)

month/day/year

Select a SIF Object: (Required)

Select All

Unselect All

Expand

Collapse

Attendance Information

Discipline Information

Grade Information

Schedule Information

School Information

Staff Information

Student Information

User Information

Generate

Refresh

Cancel

Message History

Read - Access and generate the report.
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](#).

Generating the SIF Message History Report

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

The screenshot shows the 'SIF Unity' application interface. At the top, there's a navigation bar with 'System Settings > SIF Unity > SIF Unity'. Below this, the 'SIF Tools: SIF3' section is active. It contains three tabs: 'Object Viewer', 'Message History' (which is selected), and 'Record Deleter'. The 'Message History' tab displays an 'Instructions' box stating that the tool generates a report of SIF Unity data activity for configuration verification and troubleshooting. Below the instructions is the 'Extract Options' section, which includes 'Start Date' and 'End Date' fields (both required and set to 'month/day/year'), a 'Select a SIF Object' section with 'Select All' and 'Unselect All' buttons, and a list of SIF objects with checkboxes: Attendance Information, Discipline Information, Grade Information, Schedule Information, School Information, Staff Information, Student Information, and User Information. A 'Generate' button is at the bottom of the 'Extract Options' section. At the very bottom of the interface are 'Refresh' and 'Cancel' buttons. The title 'SIF Message History' is centered at the bottom of the page.

To Generate the SIF Message History Report

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

Message History

[Export to Excel](#)

Object	Configuration	Start Date	End Date	Status	Request Type	Records Sent	Records Processed	Number of Errors	Message History GUID
SchoolInfo	ChristineIssueOK	01-20-2025 08:33 AM	01-20-2025 08:33 AM	Success	Batch Sent	9	0	0	54345DE2-E25A-4188-9D74-107B8AF0BF28
SchoolInfo	ChristineIssueOK	01-20-2025 09:21 AM	01-20-2025 09:21 AM	Success	Batch Sent	10	0	0	40A80452-C253-4B89-B432-EE344341F189
StudentPersonal	ChristineIssueOK	01-22-2025 07:19 AM	01-22-2025 07:19 AM	Success	Batch Sent	6629	0	0	AF2C22C5-B16E-4DF1-B9AD-BE9DC4B47AB4
LeaInfo	ChristineIssueOK	01-31-2025 11:54 AM	01-31-2025 11:54 AM	Failure	Batch Sent	0	0	0	59C48CE3-006E-4033-A061-A581A235FF03
LEAInfo	ChristineIssueOK	01-31-2025 12:41 PM	01-31-2025 12:41 PM	Success	Batch Sent	1	0	0	7A28EF91-BC5F-4102-9BDE-06A7A5F1708F

SIF Message History Report

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
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.

