

# Request SIF Data Sync

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**This article is designed for advanced technical users only** and is relevant to districts using SIF communication for data exchange.

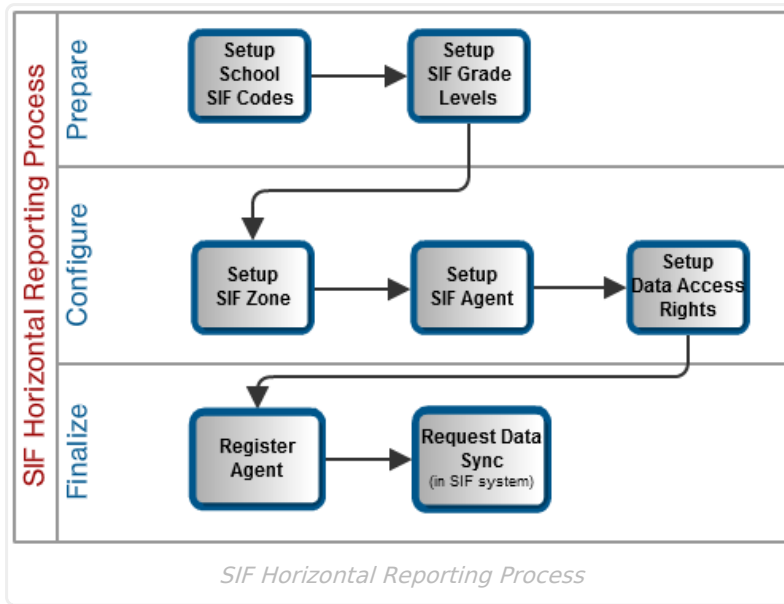
**This article is part of an ordered SIF Configuration process and applies to both methods of configuration (Horizontal and Vertical).**

Before beginning, please consider this setup step in relation to the ordered setup steps of the SIF Configuration process:

- [Setup School SIF Codes](#)
- [Setup SIF Grade Levels](#)
- [Setup SIF Zone](#)
- [Setup SIF Agent](#)
- [Setup SIF Data Access Rights](#)
- [Register Agent](#)
- [Request Data Sync](#)

This article contains basic information and instructions for configuring communication between a Campus and SIF application. The basic process of configuring SIF communication follows these steps:

Only an advanced technical user should attempt to set up SIF communication.



## Connecting Systems

After the non-Campus agent is registered, a data sync should occur to populate the third-party system with Campus data:

1. The non-Campus agent should request data by sending a SIF\_Query message for the applicable data objects. The initiation of this message is triggered from the non-Campus application.

Depending on the external application, this process may occur automatically, or it may depend on a manual process that requires the user interaction.

2. The Campus agent within the zone will create a SIF\_Reponse message containing a complete set of the requested data.

This message exchange may involve thousands of messages and may slow server time. If a district has a dedicated server for SIF, this is less of an issue.

From this point forward, event-triggered changes in the Campus application will update the third-party, external application.

**SIF Setup complete.**