

## Using CSV files to import SIS/MIS data

This document outlines how to manually import your SIS/MIS (Student/Management Information system) data into NetSupport School by reading data from an extracted zip file.

For information on how to configure NetSupport School to integrate with ClassLink OneRoster and link directly to the SIS/MIS using a tenant ID and API key, please refer to the document *NetSupport School SIS integration with ClassLink OneRoster*.

### Creating CSV files

For more details about creating IMS Global OneRoster CSV files, please visit the following website:

<https://www.imsglobal.org/oneroster-v11-final-csv-tables>

### Using CSV files

The first time you import data from your SIS/MIS system using zipped CSV files, you need to perform a bulk update. After that, any further imports can be performed by either a bulk or delta update.

A bulk update will override all your data and typically this is done at the start of a new school year. A delta update only imports specific records that need to be updated and tends to be for minor changes.

When performing a CSV update, the manifest file needs to specify whether it is a bulk update or a delta update and which files this applies to. You cannot mix and match a delta/bulk update.

### Example manifest file for a bulk update

propertyName	value
source.systemName	Manual
source.systemCode	School District
manifest.version	1
oneroster.version	1.1
file.academicSessions	bulk
file.orgs	bulk
file.classes	bulk
file.users	bulk
file.enrollments	bulk

### Example manifest file for a delta update

propertyName	value
source.systemName	Manual
source.systemCode	School District
manifest.version	1
oneroster.version	1.1
file.academicSessions	delta
file.orgs	delta
file.classes	delta
file.users	delta
file.enrollments	delta

If you require further help performing a delta update, please contact our *Support Team*.