

Data Interchange Components

Last Modified on 12/14/2025 8:45 pm CST

Agents

Tool Search: Agents

There are two agents for communication for Campus Food Service: the POSClient (representing the POS terminals) and the POSServer (representing the Campus application).

Agent Setup ☆

System Settings > Data Interchange Setup > Agent Setup

Agent List

- Name
- Example - External Agent
- Example - External Zone
- MN10001Campus
- MN10001CampusRouter
- MN10001Library
- MN10001POSClient**
- MN10001POSServer
- MyAgent

Agent Info

Agent will poll any server to get their messages.

Name: MN10001POSClient **Queue**: 37661 **Use Gzip On Send**:

Incoming Hostname/IP Address:

Description: Campus POS Client - queue for outbound messages. Do not touch.

Registered: Yes **Sleeping**: No

Status: Authorized to exchange data **Selective Blocking(SMB)**: false

Subscribe Mode: Pull **Connection Type**: Agent

XML Language: Infinite Campus **Max Buffer**: 10000000

URL of zone to pull from:

Note: The Campus Agent is built-in to the system and are not configurable using this interface.

Three built-in agents are necessary for data exchange between the core Student Information System (SIS) and the POS application. The agent names are made up of the state and district numbers and are copied from the Campus web application configuration file and the District table in the database.

The following agents are built into the system and are not able to be modified by the user.

| Agent | Naming Convention | Example |
|-------------------|--------------------------------------|------------------|
| Campus | StateAbbrev-DistrictNumber-Campus | MN100Campus |
| POS Client | StateAbbrev-DistrictNumber-POSClient | SD10001POSClient |

| Agent | Naming Convention | Example |
|------------|---------------------------------------|-----------------|
| POS Server | StateAbbrev-DistrictNumber- POSServer | KY3992POSserver |

Zones

Tool Search: Zones

In the Zone tool, there is a POS Zone established so the POS agents can communicate with the Campus Agent. Usually, the zone will be pre-set to allow All Schools and All Years.

Zone Setup ☆

System Settings > Data Interchange Setup > Zone Setup

New Save Delete

| Name | Scope |
|----------------|------------------------------------|
| InfiniteRouter | Plainview Schools All Years |
| MyZone | Plainview Schools All Years |
| POS | Plainview Schools All Years |
| RMS | Plainview Schools 12-13 |

Zone Info

***Name**
POS

XML Language
Any (not ZIS restricted)

Allow HTTP (please don't use this in production)

Description
Campus Foodservice Zone. Do not delete, do not use with other agents.

School
All Schools

Year
All Years

Calendar

URL for Communication
[https://\[REDACTED\]/POS](https://[REDACTED]/POS)

The zones cannot be modified by the user. If the district is Cloud hosted or if the district has multiple application servers with a load balancer, the Allow HTTP checkbox **MUST** be marked.

The zone is the specified URL area where Campus sends student data to the Point of Sale terminal and the terminal sends transaction data and balance updates back to Campus.