

Data Interchange Components

Last Modified on 10/21/2024 8:21 am CDT

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

Zone List	
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:// /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.