

# Data Interchange Components

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## Agents

**Classic View:** System Administration > Data Interchange > Agents

**Search Terms:** 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		Agent Info	
Name		Agent will poll any server to get their messages.	
Example - External Agent		*Name	Use Gzip On Send
Example - External Zone		MN10001POSClient	Queue: 37661 <input type="checkbox"/>
MN10001Campus		Incoming Hostname/IP Address	
MN10001CampusRouter		Description	
MN10001Library		Campus POS Client - queue for outbound messages. Do not touch.	
<b>MN10001POSClient</b>		Registered	Sleeping
MN10001POSServer		Yes ▾	No ▾
MyAgent		Status	Selective Blocking(SMB)
		Authorized to exchange data ▾	false
		Subscribe Mode	Connection Type
		Pull ▾	Agent ▾
		XML Language	Max Buffer
		Infinite Campus ▾	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 number 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
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Agent	Naming Convention	Example
<b>Campus</b>	StateAbbrev-DistrictNumber-Campus	MN100Campus
<b>POS Client</b>	StateAbbrev-DistrictNumber-POSClient	SD10001POSClient
<b>POS Server</b>	StateAbbrev-DistrictNumber- POSServer	KY3992POSServer

# Zones

**Classic View:** System Administration > Data Interchange > Zones

**Search Terms:** 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
<b>POS</b>	<b>Plainview Schools All Years</b>
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.

