

Synchronizing Point of Sale Data

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Tool Search: Terminals

POS data communication is asynchronous: when terminals are plugged into the network, data transfer is instantaneous. If terminals are not connected to the network, messages are stored in a queue until they can be sent. You can identify whether the Campus POS application is online or offline by looking at the icon in the lower-left corner of the screen on the terminal or by looking at the Campus UI. See the [Terminal Messaging Indicator](#) section in this article for more information.

The status of data messaging between Campus and the terminals of a school and/or district may be verified in the [Terminals](#) tool. For proper messaging from the terminal to Campus, the Active checkbox must be marked within the Campus application, and the terminal must be actively connected to the network (indicated by a green dot next to the terminal name).

Terminals should not be loaded until the configuration steps listed in the Terminal Configuration Steps article are complete.


A terminal should NOT be made active (i.e., the Active checkbox should not be marked) until it is ready to receive/load student data from the Campus application. The Active checkbox will be automatically marked when a POS Data Reload is requested from the terminal.

The screenshot shows the 'Terminals' tool interface. At the top, there is a navigation breadcrumb: 'Food Service > Administration > Terminals'. Below this are buttons for 'New' and 'Print All'. The main content area is titled 'Terminal Editor' and contains a table with the following data:

Name	Last IP Address	Events	Responses
<input type="checkbox"/> BKFST 1	10.35.60.227	886	0
<input type="checkbox"/> BKFST 2	10.35.6.237	886	0
<input type="checkbox"/> BKFST 3	10.26.246.164	886	0
<input type="checkbox"/> BKFST 423	10.26.242.24	2597	0
<input type="checkbox"/> Bkfst on the go	64.8.148.130	1028	0
<input type="checkbox"/> Bkfst on the go 2	64.8.148.130	886	0
<input type="checkbox"/> Bkfst on the go 3	64.8.148.130	886	0
<input type="checkbox"/> Bkfst on the go 4	10.26.240.87	957	0
<input type="checkbox"/> CAFETERIA SERVE		0	0

Terminal Messaging Indicators

Use the following areas to determine whether the POS terminals are communicating with Campus.

Area	Description
Terminals Editor	<p>In the Terminals editor, the following columns relate to the status of data messaging:</p> <ul style="list-style-type: none"> • Name: The green/red dot preceding terminal names indicates a terminal's connection status. A green dot indicates the terminal is currently active and connected to the network. A red dot indicates the terminal is not currently connected to the network or the POS Application is not running on the machine. • Last IP Address: IP address of terminal as last reported to Campus. • Events: Messages waiting to be sent to the terminal from the Campus application server (e.g., enrollment updates, account changes). Responses: Messages to be sent to the Campus application from the terminal (e.g., POS Data Reload command). <ul style="list-style-type: none"> ◦ When a terminal is made active, the number shown in the Event/Response columns may go up/down. However, when the terminal is operating normally, values in these columns should be at or close to zero.
POS Terminal	<p>An icon in the Unprocessed Events section of Cashier Actions indicates if the terminal is online, or is disconnected.</p> <div data-bbox="683 1016 1066 1178" style="border: 1px solid black; padding: 5px; text-align: center;"> <p>Unprocessed Events</p>  0 </div>