

Server Update

Purpose of Document: To show how to add signs to Server Update in order to upload ServCom updates to the sign.

Table of Contents

1.0 Sign Management

- 1.1 Add a Sign
 - 1.1.1 General Sign Settings
 - 1.1.2 Sign Computer Settings
- 1.2 Edit a Sign
- 1.3 Delete a Sign
- 1.4 Sign Sorting
- 1.5 View Sign Details

2.0 Computer Management

- 2.1 View Computer Details
- 2.2 Controllers
- 2.3 Update Log
- 2.4 Tools
 - 2.4.1 Restart Server
 - 2.4.2 Reload Control Registers
 - 2.4.3 Sign Overlay Calibration
 - 2.4.4 View Feedback Results

3.0 Updating Signs

- 3.1 Update All
- 3.2 Update Manually

1.0 Sign Management

1.1 Add a Sign

To begin, click Add Sign.

adding new sign...

Sign Name

Internet Address

Company

Market

WebCam (Small)

WebCam (Large)

Manually Update Only

Notes

Computer

Routing Port

Remote PC Connection

No Remote TeamViewer™

VNC

Add Computer

Remove Computer Set as Primary

Cancel Create Sign

TeamViewer™ is a product of TeamViewer GmbH. All trademarks belong to their respective owners. All rights reserved.

Enter in the appropriate information for the sign in this window. These settings will be displayed in the Details section when you click on a sign in Server Update.

1.1.1 General Sign Settings

- **Sign Name:** Enter desired name here.
- **Internet Address:** Enter the internet address of the sign. (**Note:** If application is used on a local network, you can use the local IP address).
- **Company:** Enter name of your company.
- **Market:** Enter desired sorting ID. (The Market Sorting ID is for sorting purposes in the list view of Server Update.)
- **WebCam (Small):** View or edit IP information for Thumbnail view of webcam photos. Pre-populated numbers should be correct.
- **WebCam (Large):** View or edit IP information for Normal size of webcam photos. Pre-populated numbers should be correct.
- **Manually Update Only:** Enable this option if you wish to disable mass updating on this sign. That way the selected sign may only be updated by a user specifically intending to do so.
- **Notes:** Enter desired notes to save in Server Update. Has no effect on ServCom.

1.1.2 Sign Computer Settings

- **Routing Port:** Enter the port number of the sign.
- **Remote PC Connection:** Select any remote connection, such as TeamViewer(TM) or VNC. A field for further information will be useable once a connection is selected.
- **Add Computer:** Add a computer to Server Update's interface.
- **Remove Computer:** Deletes a computer from Server Update's interface (has no effect on ServCom).
- **Set as Primary:** Selects a computer as the sign's primary computer. A primary computer must be selected to create a sign. The first sign created will be automatically assigned as the primary computer.

1.2 Edit a Sign

To edit a sign, select the desired sign from the sign list, then click **Edit Sign**. This brings up the same window as **Add Sign**. See **1.1 Add a Sign** for a description of options.

1.3 Delete a Sign

To delete a sign, select the desired sign from the sign list, then click **Remove Sign**.

1.4 Sign Sorting

On Server Update's main page, a sign list displays all signs currently added to Server Update.

Right click on one of the fields to display a context menu for selecting which fields to display in the sign listing. In the screenshot below, for example, all fields are displayed except Web Camera and Market.

APP UPDATES ADD SIGN EDIT SIGN REMOVE SIGN UPDATE ALL SIGNS

Signs Lab Sign (192.168.16.176) ✕

Health	Live	Sign Name	Sign Address	Version	M	Company	Connection Status	Latency	Update (Progress)
		Lab Sign	192.168.16.176	2.26.0.10	<input type="checkbox"/>	Formetco	Internet: Connected Computer(s): Connected	2ms	<div style="width: 0%;"></div> 0%

Click and drag to rearrange fields. (**Note:** Order does not change in right-click context menu, but in current list interface.)

Right click on a sign from the sign listing to view a thumbnail of the sign.

1.5 View Sign Details

Click on **Details** to view the sign settings you entered when you created or edited the sign.

APP UPDATES ADD SIGN EDIT SIGN REMOVE SIGN UPDATE ALL SIGNS

Signs Lab Sign (192.168.16.176) ✕

Web Camera



Live View

Sign Errors

Time	Error Type	Severity
10/7/2014 at 10:48 AM	Unresponsive Controller	Emergency
Controller unresponsive		
10/7/2014 at 10:49 AM	Failed Cable Feedback Test	Above
10/7/2014 at 10:49 AM	Failed Power Supply Feedback Test	Emergency
10/7/2014 at 10:49 AM	TCP Device Unresponsive	Above

Details Computers

Sign Name Lab Sign	Dimmer 0	Company Formetco	Market
Latency 2ms	Updates Automatic	Sign Address 192.168.16.176	Internet Connected
Computers 1	Version 2.26.0.10		

Refresh Info

Update Sign

2.0 Manage Computers

2.1 View Computer Details

APP UPDATES ADD SIGN EDIT SIGN REMOVE SIGN UPDATE ALL SIGNS

Signs Lab Sign (192.168.16.176) ✕

Web Camera



Live View

Sign Errors

Time	Error Type	Severity
10/7/2014 at 10:35 AM	Unresponsive Controller	Emergency
10/7/2014 at 10:36 AM	TCP Device Unresponsive	Above
10/7/2014 at 10:36 AM	Failed Power Supply Feedback Test	Emergency
10/7/2014 at 10:36 AM	Failed Cable Feedback Test	Above

Details **Computers**

Primary
version 2.25.0.0 **9762**

▶ ⚠ 🌐

Click a computer for more options.

Refresh Info

Update Sign

Click on the Computer tab to view the sign's computers. Click on a computer to reveal information about the computer.

2.2 Controllers

Displays information about each controller.

The screenshot shows a software interface for managing signs. At the top, there are menu items: APP UPDATES, ADD SIGN, EDIT SIGN, REMOVE SIGN, and UPDATE ALL SIGNS. Below this is a breadcrumb trail: Signs > Lab Sign (192.168.16.176). The main interface is divided into several sections:

- Web Camera:** A section on the left with a 'Refresh Info' button and an 'Update Sign' button.
- Live View:** A video feed showing a sign in a dark environment.
- Sign Errors:** A table listing error events.
- Details / Computers:** A section showing the sign's name 'Primary', version '2.25.0.0', and ID '9762'. It includes a play button icon and warning icons.
- Controllers Panel:** A large panel on the right titled 'Primary' with version '2.25.0.0' and ID '9762'. It has tabs for 'Controllers', 'Update Log', and 'Tools'. It lists three controllers with their respective addresses, dimmer levels, sign face IDs, and temperatures. Each controller also shows a version status and status icons (Wi-Fi, power, warning).

Time	Error Type
10/7/2014 at 10:35 AM	Unresponsive Control
10/7/2014 at 10:36 AM	TCP Device Unrepons
10/7/2014 at 10:36 AM	Failed Power Supply I
10/7/2014 at 10:36 AM	Failed Cable Feedbac

Controller	Controller Address	Dimmer	Sign Face	Temperature	Version
Controller 1	192.168.13.3	0	0	491° F	Unknown Version
Controller 2	192.168.13.50	0	0	32° F	Unknown Version
Controller 3					

2.3 Update Log

Shows a log of what updates have been applied to the sign since booting up Server Update.

APP UPDATES ADD SIGN EDIT SIGN REMOVE SIGN UPDATE ALL SIGNS

Signs Lab Sign (192.168.16.176) ✕

Web Camera

Refresh Info

Update Sign

Live View



Sign Errors

Time	Error Type
10/7/2014 at 10:35 AM	Unresponsive Control
10/7/2014 at 10:36 AM	TCP Device Unrepons
10/7/2014 at 10:36 AM	Failed Power Supply I
10/7/2014 at 10:36 AM	Failed Cable Feedbac

Primary Close Panel

version 2.25.0.0 9762

Controllers **Update Log** Tools

```

10:36:28 AM - ServComConsole update initiated on 10/7/2014
10:36:28 AM - Uploading update, try #1
10:36:29 AM - Unzipping update
10:36:29 AM - ServComConsole restarting

```

Details Computers

Primary 9762

version 2.25.0.0

▶ ⚠ 🌐

2.4 Tools

Click on the desired link to perform described action.

APP UPDATES ADD SIGN EDIT SIGN REMOVE SIGN UPDATE ALL SIGNS

Signs Lab Sign (192.168.16.176) ✕

Web Camera

Refresh Info

Update Sign

Live View



Sign Errors

Time	Error Type
10/7/2014 at 10:35 AM	Unresponsive Control
10/7/2014 at 10:36 AM	TCP Device Unrepons
10/7/2014 at 10:36 AM	Failed Power Supply I
10/7/2014 at 10:36 AM	Failed Cable Feedbac

Primary Close Panel

version 2.25.0.0 9762

Controllers Update Log **Tools**

- Restart Server
- Reload Controller Registers
- Sign Overlay Calibration
- View Feedback Results
- Remote Control CPS-100

2.4.1 Restart Server

Restarts ServCom.

2.4.2 Reload Control Registers

Resends settings to controls to attempt to correct graphical errors.

2.4.3 Sign Overlay Calibration

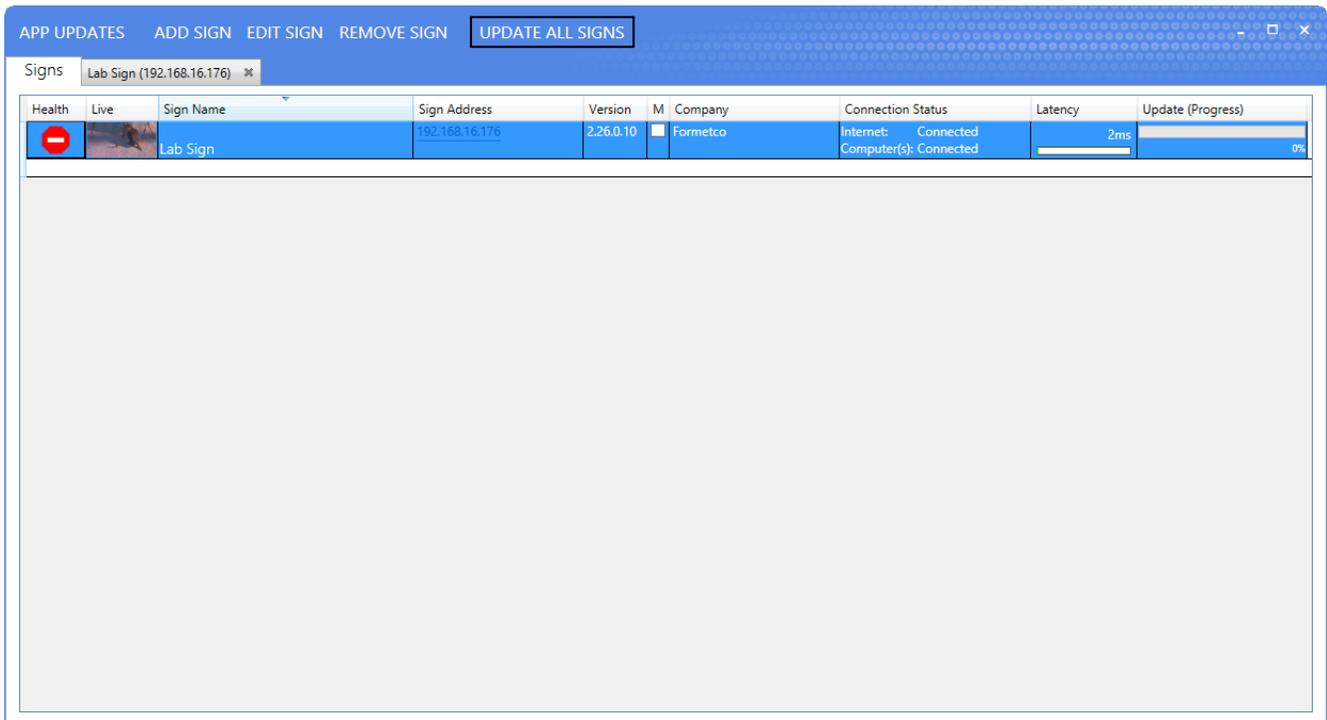
Allows adjusting of individual boards to maintain color across the sign (instructions will follow)

2.4.4 View Feedback Results

Not implemented. Please ignore this setting.

3.0 Updating a Sign

3.1 Update All Signs

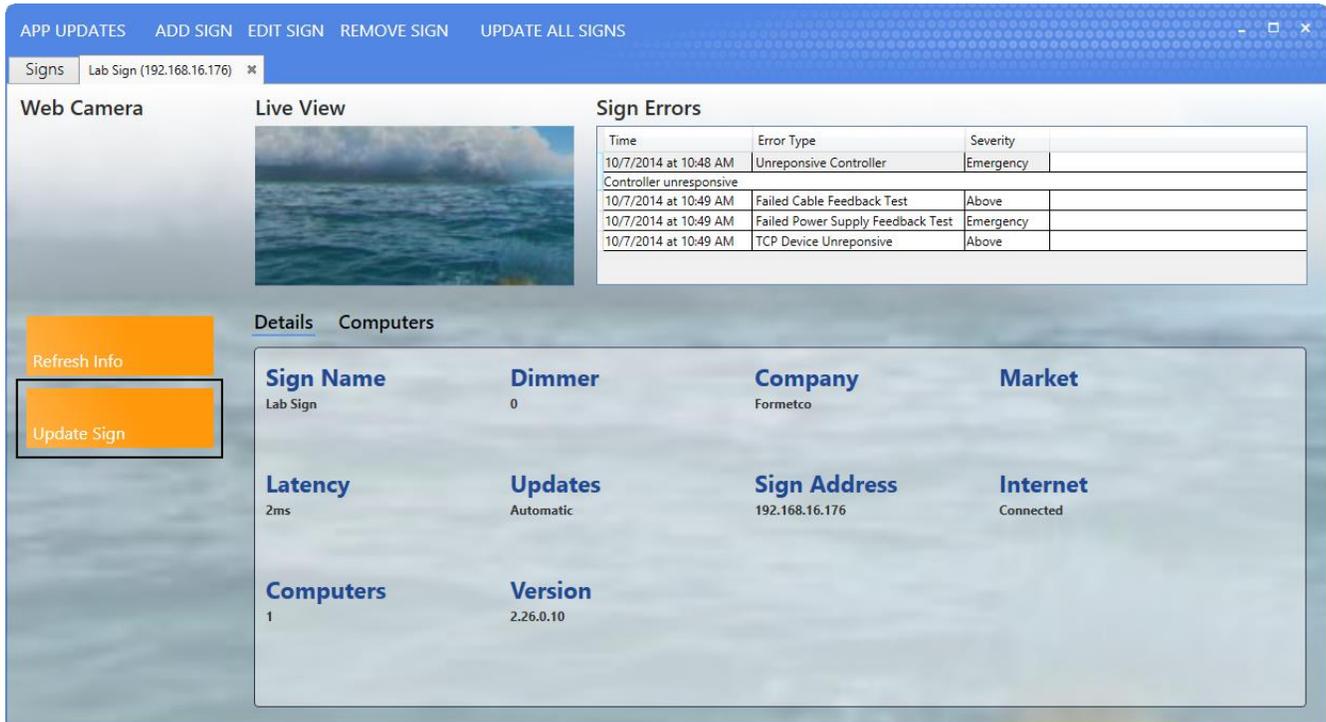


The screenshot shows a software interface with a blue header bar. The header contains several menu items: 'APP UPDATES', 'ADD SIGN', 'EDIT SIGN', 'REMOVE SIGN', and 'UPDATE ALL SIGNS'. Below the header, there is a search bar with the text 'Signs' and a dropdown menu showing 'Lab Sign (192.168.16.176)'. The main content area is a table with the following columns: Health, Live, Sign Name, Sign Address, Version, M, Company, Connection Status, Latency, and Update (Progress). The table contains one row of data for 'Lab Sign'.

Health	Live	Sign Name	Sign Address	Version	M	Company	Connection Status	Latency	Update (Progress)
		Lab Sign	192.168.16.176	2.26.0.10	<input type="checkbox"/>	Formetco	Internet: Connected Computer(s): Connected	2ms	0%

Click **Update All Signs** to update all signs listed in Server Update. **Note:** This feature is frequently unused.

3.2 Manual Update



Click the orange **Update Sign** button.

On the update page, select the desired version from the dropdown menu.

- **Version:** Displays version you have selected.
- **Description:** Describes the features of the update you have selected.
- **Requirements:** Displays requirements of the selected update. Please ensure that your system has the correct specs for an update before installing.

3.3 Update Server Update

Click **App Updates** to check for a newer version of Server Update.