

# HD Speed Screen Installation & Guide

This guide will walk you through how to install and operate Club Speed's new *HD Speed Screen* application, which allows tracks to create and customize multiple channels of content, including live timing slides and a new HD Scoreboard, which can then be displayed on a variety of devices that can support web browsers, including Smart TVs, Raspberry Pis, Chromecasts, PCs, and more!

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## Installation

After your request for the new *HD Speed Screen* application is processed and installation by Club Speed is complete, you'll be able to find it at:

```
http://<your_track_url>.clubspeedtiming.com/cs-speedscreen/#!/1
```

Additionally, if you're browsing from the same network as your Club Speed server, you'll be able to reach the site at:

```
http://<your_server_ip_address>/cs-speedscreen/#!/1
```

**The Server IP Address URL is preferred**, as local access is much faster. The Track URL address may be needed for tracks with multi-router configurations, or for access away from the track.

**Note:** By default, the *Speed Screen* URL will point to Channel 1 if no channel is specified. The URL can also be changed to point to different channels. The following example points to Channel 2:  
`http://<your_server_ip_address>/cs-speedscreen/#!/2`

Once configured, a *Channel* will rotate through multiple *Slides* of content. More on this later on in the document!

## Supported Hardware and Resolutions

The new *HD Speed Screen* is a web application, meaning it runs through a web browser by visiting a specific URL. It has been tested on and designed for Google Chrome, and runs best in that browser.

**Important:** The new *HD Speed Screen* runs best on **Google Chrome!**

You can run the *HD Speed Screen* on almost any device that can take content from Google Chrome and display it on a screen. These can be:

- A PC connected to a TV.
- A Smart TV (ex. LG TV) that has a built-in web browser.
- A Chromecast connected to a TV.
- Existing Wyse terminals.

Performance may vary depending on the age and strength of the device, especially for Slides with special animations and effects.

The *HD Speed Screen* is supported only at the following HD resolutions:

- 1080p (1920x1080)
- 720p (1280x720)

If the current resolution is less than 1080p, the *HD Speed Screen* will automatically scale down the HD Scoreboard slide to 720p. To use 1080p, set Google Chrome to full screen by pressing F11 on a PC. You may also need to set Google Chrome to full screen if using 720p resolution on a device set to exactly 1280x720, or some content may be clipped.

**Important:** The new *Speed Screen* requires **720p** or **1080p**!  
To use **1080p**, Google Chrome must be set to **full screen** by pressing F11.  
To use **720p**, Google Chrome may need to be set to **full screen** as well.



The screenshot displays a 'Standard T1' speed screen with a leaderboard. The title 'Standard T1' is at the top left, and the number '31' is at the top right. The leaderboard is organized into two columns. Each entry includes a position number, the racer's name, their kart number, laps completed, best time, average time, last time, and gap to the leader. The racers are listed in descending order of best time. At the bottom, there is a 'Top Times' section showing the fastest times for today and overall, along with the names of the top performers and the power source 'Powered By'.

Pos	Racer Name	Kart	Laps	Best Time	Avg Time	Last Time	Gap
1	Federico Gomez	10	10	31.261	35.325	31.261	-
2	Rachad Wildgoose	12	11	31.546	33.312	33.430	285
3	Jermaine Wildgoose	19	11	31.629	33.692	31.642	368
4	J. K.	21	10	32.899	36.236	32.899	1.638
5	Douglas Lightbourne II	23	10	32.918	34.451	34.293	1.657
6	Reginald France	6	10	34.535	36.220	34.695	3.274
7	Erik Ramsaran	7	9	34.560	36.649	35.584	3.299
8	Carla Gormosen	30	8	35.644	40.755	39.612	4.383

Top Times	Adam Mendez	Rachad Wildgo...	Steven English	Federico Gomez	Powered By
Today	30.569	30.604	31.111	31.261	PLAS SPEED

Illustration 1: A Speed Screen running in full screen.

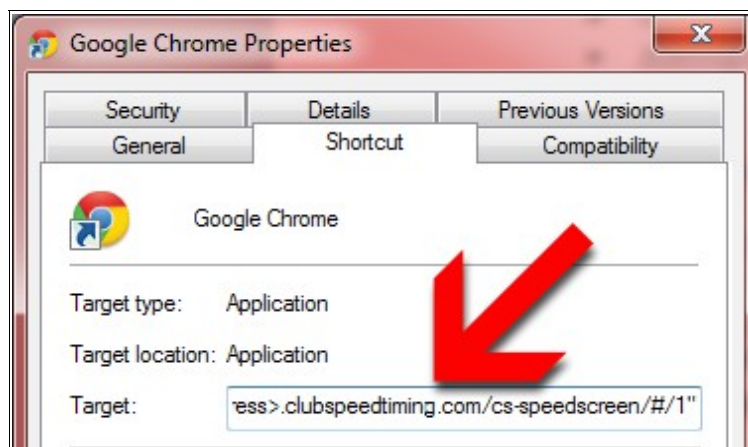
## Hardware Setup Examples

### *Manually running on a PC attached to a TV*

1. Visit [http://<your\\_server\\_ip\\_address>/cs-speedscreen/#/X](http://<your_server_ip_address>/cs-speedscreen/#/X) while on the same network as your Club Speed server, where **<your\_server\_ip\_address>** is replaced by your server's local IP, and **X** is replaced by the desired Channel number. **Be sure to use Google Chrome!**
2. Set your PC's resolution to 1280x720 or 1920x1080, ensuring that it matches your TV resolution. (720p or 1080p)
3. Set Google Chrome to full screen by **pressing F11**.
4. Connect your TV to the PC, and set it to the appropriate input device. (This will vary depending on your TV, PC, and the connection between them.)

### *Autorun on a PC attached to a TV when the PC boots up*

1. To configure the PC to boot up without a password, hit Win-R, type netplwiz and hit enter, uncheck the "Require Password" box, and type in the username and password you want to use when it prompts you.
2. Create a shortcut to Google Chrome, right click it, and go to Properties.
3. Add the following to the end of the Target text box:  
--incognito --kiosk "http://<your\_server\_ip\_address>.clubspeedtiming.com/cs-speedscreen/#/<channel number>", replacing the bold fields as appropriate.
4. Drag the shortcut into your Startup folder after saving your changes. When you restart the PC, it should automatically open up the *HD Speed Screen* in full screen mode.



*Illustration 2: The "Target" text box in which to paste the information from Step 3. Paste **after** the text already there.*

*Autorun on a Wyse*

***WES PROVIDED ME WITH DATA WHICH I WILL TRANSPOSE HERE SOON.***

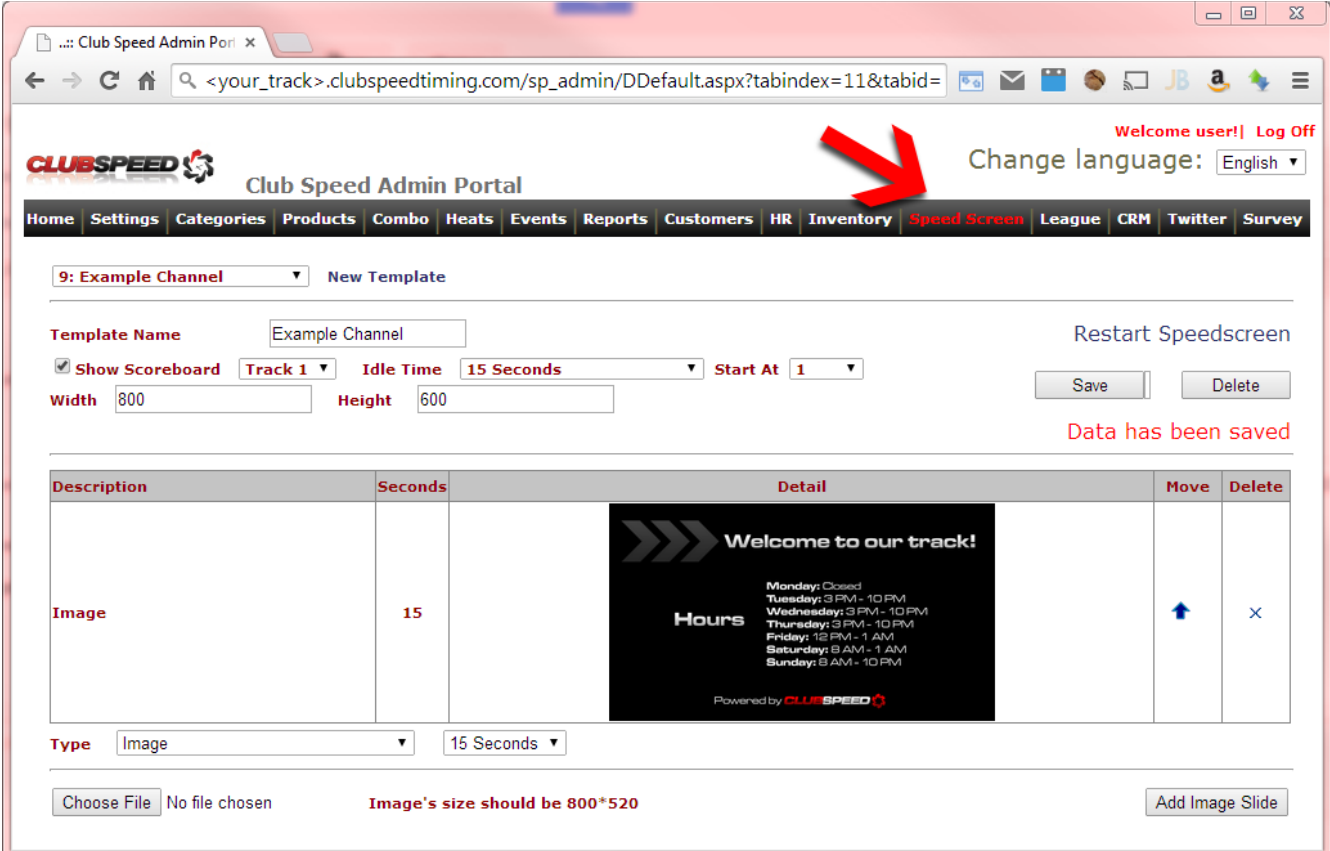
# Channel Creation and Configuration

## Core Concept

Each display device you connect to a *Speed Screen* can be on a different *Channel*. A *Channel* is a collection of *Slides* that display in a rotation, much like a PowerPoint™ presentation. Slides can include image ads, videos, live scoreboards, top times of the day/week/month, the next racer line-up, and even custom slides of your own!

Channels are created and configured in the Administration Panel. To reach the *HD Speed Screen* settings:


1. Log into [http://<your\\_track\\_url>.clubspeedtiming.com/sp\\_admin](http://<your_track_url>.clubspeedtiming.com/sp_admin) using your credentials.
2. Click the *HD Speed Screen* tab. (This is the same tab that controls the old Speed Screens.)



The screenshot shows the Club Speed Admin Portal interface. The browser address bar displays `<your_track>.clubspeedtiming.com/sp_admin/DDefault.aspx?tabindex=11&tabid=`. The page header includes the Club Speed logo, the title "Club Speed Admin Portal", and a "Welcome user!! Log Off" message. A "Change language: English" dropdown is present. The navigation bar contains tabs: Home, Settings, Categories, Products, Combo, Heats, Events, Reports, Customers, HR, Inventory, **Speed Screen** (highlighted with a red arrow), League, CRM, Twitter, and Survey.

Below the navigation bar, the "Speed Screen" configuration page is shown. It features a dropdown menu set to "9: Example Channel" and a "New Template" link. The "Template Name" field contains "Example Channel". There are checkboxes for "Show Scoreboard" and "Track 1", and a dropdown for "Idle Time" set to "15 Seconds". The "Start At" dropdown is set to "1". The "Width" field is 800 and the "Height" field is 600. "Save" and "Delete" buttons are visible. A red message "Data has been saved" is displayed.

A table lists the slides for the channel:

Description	Seconds	Detail	Move	Delete
Image	15		↑	×

At the bottom, there is a "Type" dropdown set to "Image" and a "15 Seconds" dropdown. A "Choose File" button is next to "No file chosen", with a red note "Image's size should be 800\*520". An "Add Image Slide" button is also present.

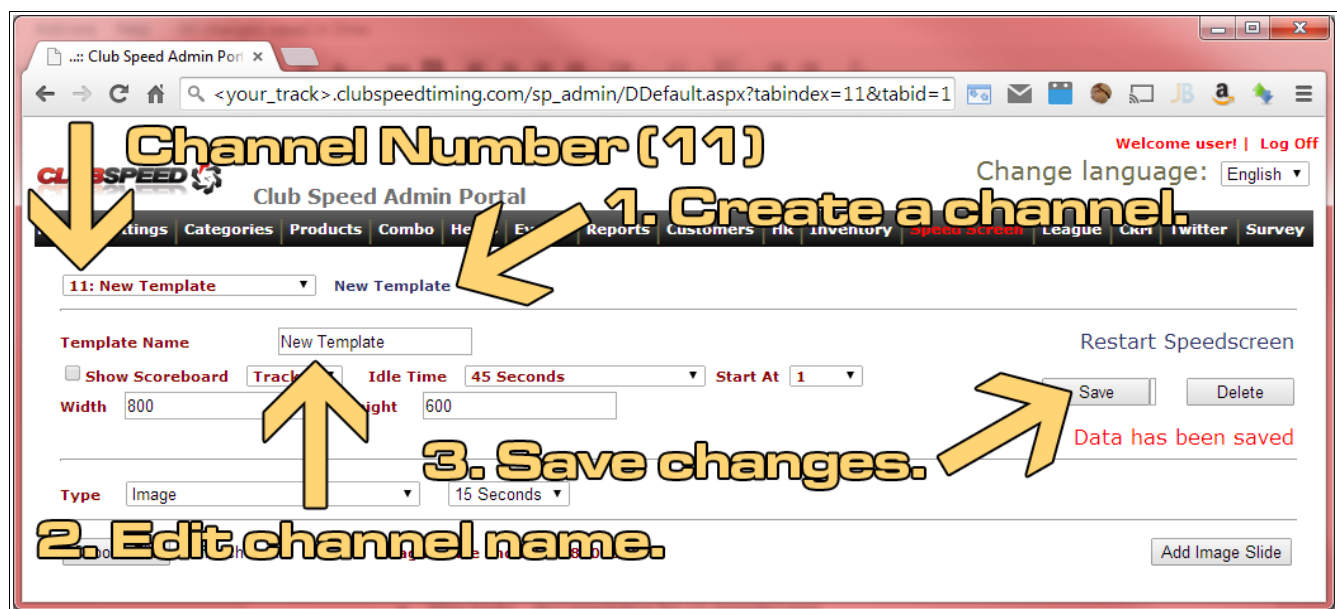
Illustration 3: Speed Screen tab in the Administration Portal.

The *Speed Screen* tab allows you to select, create, and delete *Channel* templates. Once a *Channel* template is selected, you can add, edit, remove, and re-arrange *Slides* that will be rotated through in that *Channel*.

### *Creating a Channel*

1. Click the “New Template” link. The page will refresh with your new channel.
2. Edit the Template Name, which by default will be “New Template”.
3. Click the “Save” button to apply your changes.

Note: Your channel number is listed next to the channel name in the dropdown menu.



*Illustration 4: Creating a Channel.*

### *Assigning A Scoreboard*

Each *Channel* can be assigned to one or more Scoreboard slides. If a Channel is assigned to a Scoreboard slide, it will stop whatever it was doing and go straight to the Scoreboard slide if a race starts.

To assign the first Scoreboard to a *Channel*:

1. Check the “Show Scoreboard” box.
2. Select the Track that the Scoreboard should apply to.
3. Set the Idle Time (the amount of time the Scoreboard will show the final results of a race before the *Channel* resumes going through the other slides).

4. Click Save.

You can ignore the width, height, and Start At fields, as they apply to the old Speed Screen.

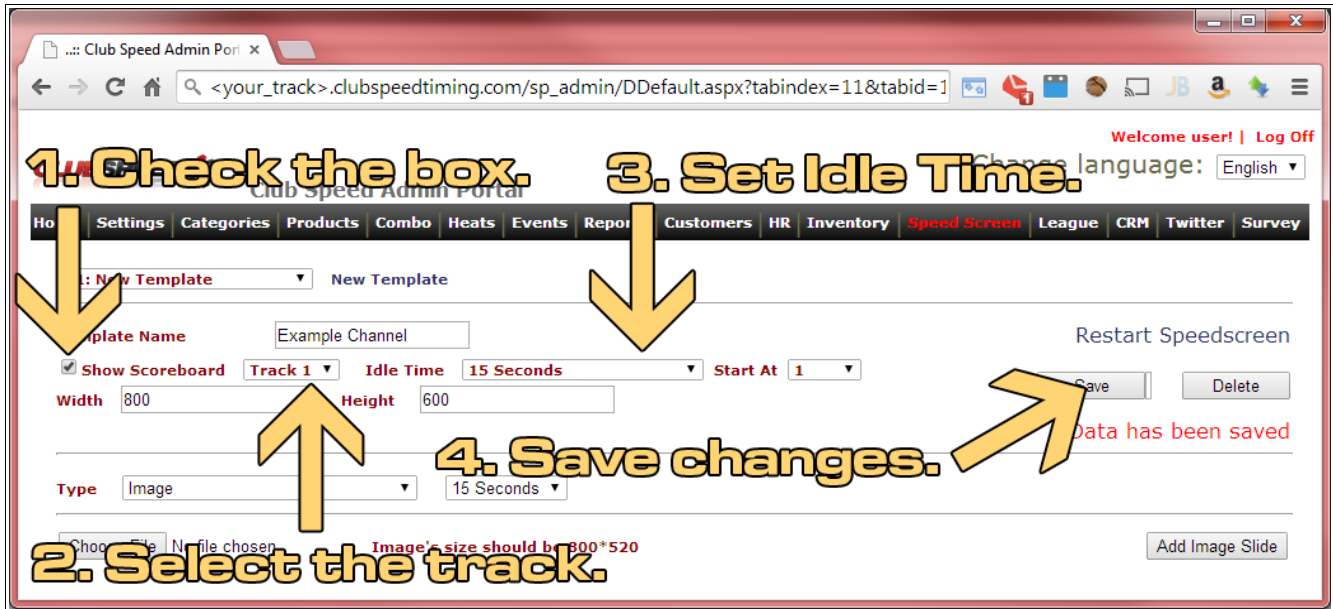


Illustration 5: Assigning the first Scoreboard to the Channel.

If you want to add multiple Scoreboards at different tracks (so a single *HD Speed Screen* can listen for potential races at multiple tracks simultaneously), you can do so by adding Scoreboard slides as you would any other. More details to follow.

For advanced Scoreboard configuration, see the Advanced Configuration section below.

### *Adding a Slide*

While there are many different types of slides (listed in the next major section), the steps are largely the same:

1. Select the Slide Type. For this example, we'll pick an Image.
2. Enter any required information. For this example, it's how much time the image should stay up, and a "Choose File" button to actually select the image.
3. Click the Add Slide button.

Once a slide is added, any running *HD Speed Screens* will update themselves within a minute. You can also refresh them by hitting F5 to trigger an immediate update.



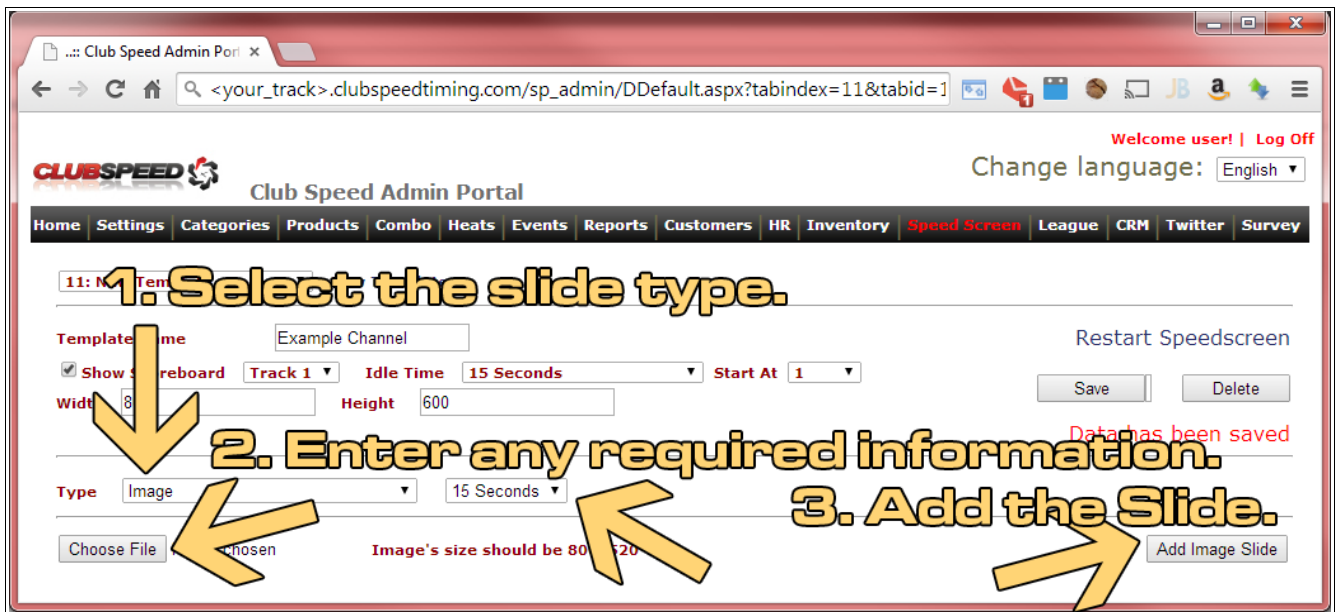
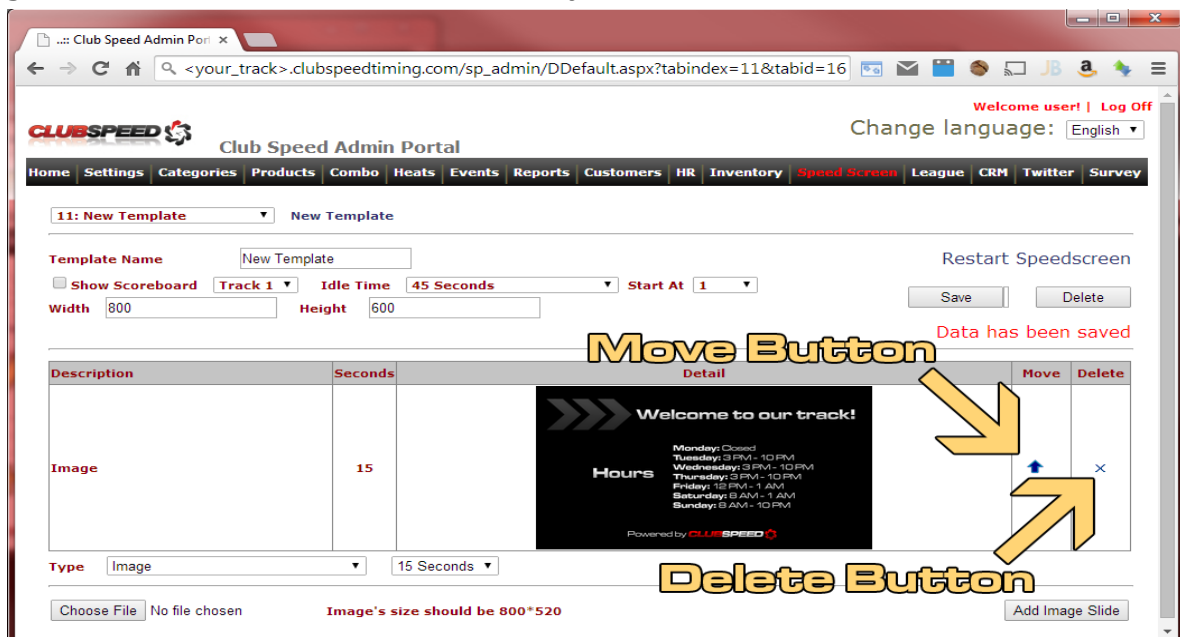


Illustration 6: Adding a Slide to the Channel.

**Note:** Ignore the message about the image resolution; that's for the old Speed Screen. For the new Speed Screens, you'll ideally want an **1920x1080** resolution image for image slides, although you may go down to 1280x720 for 720p displays. The image should be in **landscape** orientation, and will be stretched to fill all available space if it's smaller than the display.

## Deleting or Moving a Slide

Once a slide has been added, simply click its corresponding Move or Delete buttons to change their order or remove them entirely.





## *Advanced Scoreboard Configuration*

For even more customization of the Scoreboard slide:

1. Log into your Club Speed Server.
2. Go to c:\clubspeedapps\cs-speedscreen
3. Open config.js in Notepad.

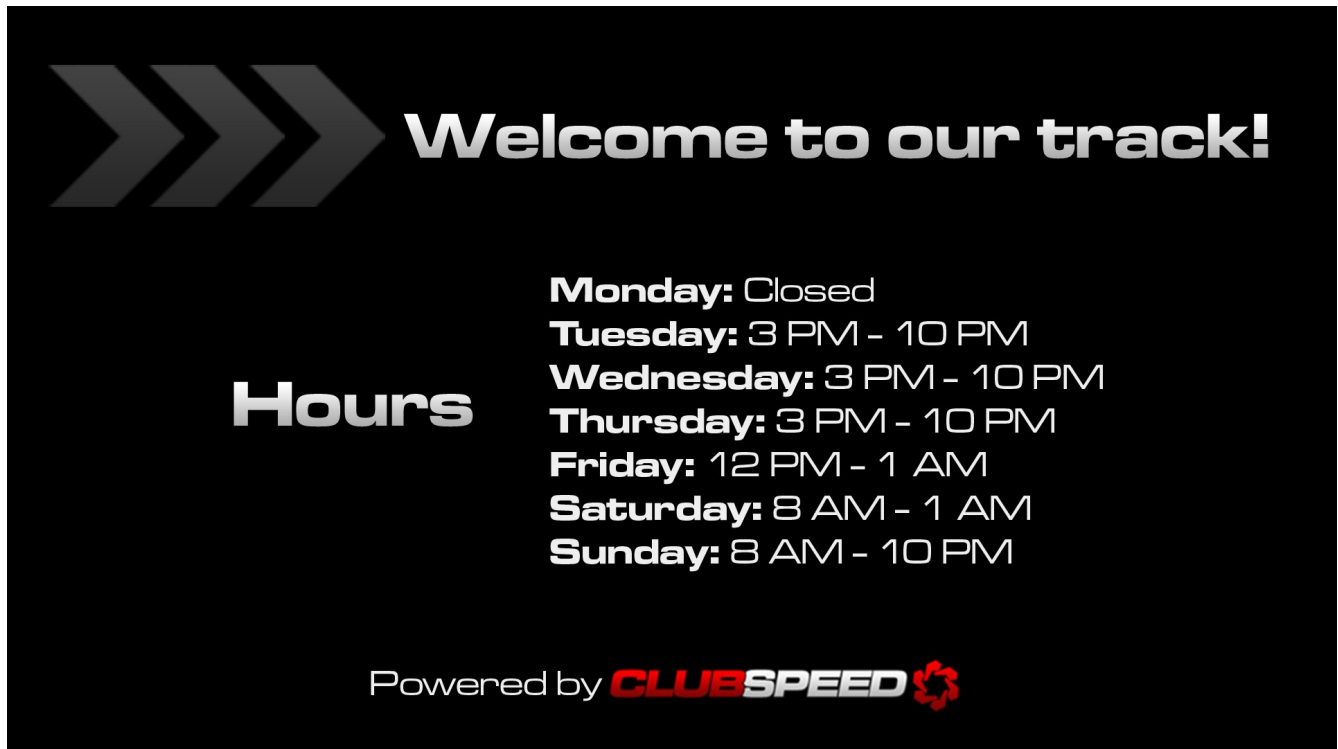
You can change the following options to either true or false:

- showTimer: This controls whether or not the scoreboard shows laps remaining or the time remaining at all in the top-right corner. Defaults to true.
- showHeatNumberInsteadOfRaceTime: This controls whether or not the scoreboard shows the current Heat Number instead of the time the race is scheduled for. Defaults to false.
- disableNextRacers: This controls whether or not the “Racer Lineup” mode is prevented from appearing in the Scoreboard slide when a race isn't running. Defaults to true. This is mostly used for screens that just want to stay on the Scoreboard slide.
- disableNextRacersTab: This controls whether or not a sliding “Next Racers” tab is prevented from appearing on the right-hand side of the scoreboard during a race. Defaults to false.

**Important: Do not modify apiURL or apiKey!**

## Supported Slide Types and Options

### *Image Slide*



Type  15 Seconds

No file chosen

**Recommended resolution:** 1920x1080 or 1280x720.

**Settings:** Duration to display, the image file itself.

## Top Times of the Day/Week/Month/Year Slide(s)


TOP TIMES OF THE DAY		
TRACK: Full Throttle Track		POWERED BY CLUBSPEED 
1	The Magic Man	28.288
2	KAMICOSBY	28.584
3	JASBRO	29.445
4	Con-Man	29.466
5	son dawg	29.501
6	CASEY	29.530
7	RICKY SPANISH	29.881
8	103	29.932
9	daddawg	30.109
10	dirttrackracn	30.124

Type

Track No.  Show Position

**Settings:** Duration, Track number, positions to display.

## Top R.P.M Overall (AKA Top ProSkill) Slide

TOP PROSKILL		
POWERED BY CLUBSPEED 		
1	HONEY BOO BOO CHILD	6,183
2	The Magic Man	5,975
3	T-Boned	5,452
4	Repins	5,367
5	FIREDEngine	4,921
6	CEO BABY	4,751
7	DJ quick	4,514
8	Evolution X	4,430
9	Krazy Kyle	4,425
10	Fez	4,407


Type  15 Seconds

Track No.  Show Position

Add Slide

**Settings:** Duration, Track number, positions to display.

## Most Improved R.P.M (Month/Year) Slide(s)

MOST IMPROVED RPM OF THE MONTH		
POWERED BY CLUBSPEED 		
1	tre	2,188 (+876)
2	Stamler	2,847 (+718)
3	Night Train	2,146 (+705)
4	Flame Thrower	2,306 (+620)
5	College	1,777 (+577)
6	MR.COOPER	2,308 (+552)
7	CG34	3,200 (+529)
8	Joey Whealdon	1,720 (+397)
9	crazy1	1,669 (+376)
10	Eric	1,537 (+337)

Type

Track No.  Show Position

**Settings:** Duration, Track number, positions to display.

**More slides...**

**Advanced: Custom Slides with the API!**

...

## **Troubleshooting and Frequently Asked Questions**

*Custom background question*

...

*I'm Getting a "404 – File or directory not found" page!*

Double-check the URL for any typos. Make sure you substituted <your\_track\_url> for your track's subdomain!

If the problem persists, please contact support at [support@clubspeed.com](mailto:support@clubspeed.com), or via telephone at 877-751-3200.

*I'm having another problem not described here!*

Please contact support at [support@clubspeed.com](mailto:support@clubspeed.com), or via telephone at 877-751-3200.