INTRODUCTION TO SIGNCHANNEL

(AUGUST, 2013)
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What is SignChannel?

- Digital Signage for the “Rest of Us.”
- Easy-to-use, low cost, content rich.
- Web-based, “runs in the cloud.”
- Subscription-based “Software as a Service” (SaaS)
- Designed for Small Business, yet embraced by Large Enterprise.

A SignChannel user can remotely control content which is displayed via web-connected “Media Players” connected to SignChannel’s web service [http://www.signchannel.com](http://www.signchannel.com). With SignChannel you can manage multiple Players from one account with different content sets flowing automatically to different Players. Content may include users’ own uploaded photos or videos, user populated pre-fab templates (created using Scala Designer) along with dynamically updated content reflecting 1,000 Channels of local news, weather, sports, stock quotes, and more.

SignChannel’s intuitive user interface plus ability to create signage and organize a vast array of public content, make SignChannel the ideal self-service digital signage service. Costs for set up and ownership are very low because - 1) there is no server required - 2) there is no training or expert staff required - 3) display devices (screens and players are inexpensive) - 4) content is developed without professional design help – and 5) pre-licensed dynamic RSS content feeds are included.

The user logs in to their SignChannel account, selects their content, assigns a playlist to each player - and in a few minutes, screens begin playing. It’s that simple.
**Media Players**

*What is a Media Player*

A Media Player is either a self-contained display device (i.e. an integrated screen with player) or a media player which stores sends content to a physically separate display screen. To insure the smoothest out-of-box experience and error free content playback, SignChannel insists that manufacturers submit Devices for Certification testing prior to marketing a Player as SignChannel capable. The Certified Device list includes integrated WiFi and/or Ethernet integrated displays and stand alone media players (which connect to TV screens or monitors). To be included on the list of SignChannel supported Players, each specific Player model must complete SignChannel's certification process. A list of certified Players is below. If you have a Player which you propose to market as SignChannel Certified, contact signchannel@scala.com or certification@signchannel.com.

*What Players work with SignChannel?*

- ✔ IAda 10”, 15”, 19”, & 24” integrated WiFi/Ethernet screen/player
- ✔ IAda SD & HD Media Players including Android based family of players
- ✔ BrightSign Media Players - wired or wireless
- ✔ Viewsonic 10” integrated WiFi 4:3 screen/player (OEM IAda)
- ✔ Viewsonic HD Media Players - wired or wireless (OEM IAda)
- ✔ Outform iDisplay iView 10” Classic & 1st gen Android player family.
- ✔ Gefen HD Media Players - wired or wireless (OEM IAda)
- ✔ Sparkpad 15” integrated WiFi screen/player
- ✔ Digital Spectrum 10” & 15” DigiSign WiFi screen/players (still images only - no video)
- ✔ CeeNee Orchid HD Media Player wired or wireless

*Setting up a Player to work with a SignChannel account*

Once logged in, the Players & Playlists section is where players are set up (see images below.)
Once you have paid for a subscription, you can then add a new Player by clicking on the “+” symbol on the left side of the “Players and Playlists” page. A box will appear asking the user for additional information.

- **Player name** – The user assigns each Player a unique name which will help identify the Player(s) when there are many Players online. Ideally, the name should reference where the unit is located. Doing so will make it easier to assign the correct content (Playlist) to a given player. E.g. “Player1” is not recommended but rather something more descriptive like “Conference Room TV - 212 Main St.”

- **An activation code** - Once a physical Player is powered up, connected to the network and first makes contact with SignChannel, the display screen will be sent an image (below) which includes an activation code. The user enters this activation code in the 2nd line of the new player set up box (above).

- **Time zone** – The user should select the specific time zone in which a player is physically located from a worldwide drop-down list. Content scheduling is dependent upon each player’s designated time zone.
- **A Playlist (see below)** – The user may maintain multiple Playlists in each SignChannel account. The same Playlist can be shared across multiple Players - i.e. across all Players or across one or more smaller groups of Players. Alternatively, users may assign unique Playlists for each Player. By design, a Player can only have one Playlist assigned to it at a time. If a user wishes to share certain content across multiple Players, they may store shared content in Channels (i.e. folders), which can in turn be shared on multiple Playlists as discussed below. Unique content may be added to each Playlist to make each Playlist more “localized” and compelling (ex: Atlanta weather in Atlanta & Chicago weather in Chicago, but all other Playlist content is the same).

- **Resolution** – Selecting a targeted screen’s native resolution from a drop down menu such as 1920 X 1080 (referred to as a “1080 capable display”) helps facilitate SignChannel’s delivery and display of properly sized images. Ideally, Content should not “bleed” over screen edges. Some devices such as integrated WiFi screen/media players recognize and correct for their screen’s native resolution/aspect ratio. Others, such as a standalone Media Player which is connected to a separate TV or monitor must be told the target screen’s resolution/aspect ratio. In that case, the user will need to select “Resolution” from the drop down list provided when they add a new player. See the Illustration below. On some HD Media Players, the image size may be fine tuned using the Adjust size “slider” at the bottom of the dialogue box. This enables adjustment of resulting images, from 95% to 105% of selected Resolution, depending on the behavior of the particular Player unit.

- **Orientation** – Here you can select if your display will be in Landscape Mode or turned on its end to be in Portrait Mode. If you select Portrait Mode, SignChannel will rotate everything 90 degrees counter clockwise. You would then need to rotate your display 90 degrees clockwise for the content to be oriented correctly. When creating content for portrait mode, please maintain the correct aspect ratio.

- **# of Screens** – Enter the number of displays you have attached to this player. For most installations, the number will be one. Some players will allow two displays to be run at the same time. It is also possible to send the output of a player to a distribution amp which feeds many displays at one time. Our content providers need to know how many devices are receiving their content.
Following Player activation(s), an activated Player list appears on the left side of the Players and Playlists screen view. Each listing includes Player name, the current Playlist assigned to that device and the time the device last updated its content from SignChannel. If a device has not updated in 24 hours, the most recent successful connection status will be highlighted in red. You must refresh your browser to see the correct “Last request” time.

Removing a Player
To remove a Player, the User must first locate it in the list on the upper left side of the Players and Playlists page. The user then hovers their mouse over the desired Player status box which exposing a “cog” icon on the right side. When the cog is selected it will open a box allowing the user to remove the Player by clicking the Remove button. By clicking “Remove” again the Player will then be removed from
the list. The removed Player will display a new 5 digit activation code the next time it updates (Refer above to “Setting up a Player to work with your SignChannel account”). The Player may then be re-activated on the original account or a new account.

**Changing the Playlist for a Player**

To change the current Playlist assigned to a Player, the user must first create the new Playlist (see below). Once a Playlist has been created, the user positions the mouse over the Player whose Playlist they wish to change. Clicking the edit cog will open a dialogue box with a dropdown list of available Playlists. The user selects the desired Playlist and clicks Save. The new Playlist will be displayed the next time the Player updates. The term TTL or "Time To Live" is used to describe the amount of time that passes before the player request a new feed. Feeds that are less than 5 minutes in length, TTL is 3X the playlist playtime. Feeds >5 minutes and < 15 minutes TTL is 2X playlist playtime. Feeds >15 minutes have a TTL 1X playlist playtime. The time it takes to download and the time required for content changes to take visible effect varies depending on factors such as original Playlist length, new content file sizes, bandwidth availability, currently Playlist cycle and more. In general, shorter still image files update more quickly, while larger video content files require more time to update. Note - previously loaded content will continue to loop (display) during update processing.

![Firmware update](image)

**Firmware update**

If a newer version of firmware is available for your player, a yellow alert will appear. You would then check the box for firmware upgrade and the player will update the next time the player request a feed. When the update is complete, the yellow alert will disappear. If you have newer firmware than what we have on our server, you will always see the yellow update alert. Do not unplug a player while it is in the middle of a Firmware update. The player could become damaged.
Playlists

A Playlist is a collection of Channels. A Channel is a folder of either user loaded content (such as still images, video clips and/or pre-fab templates) or pre-licensed drag ‘n drop RSS feeds such as news, weather, sports, etc. The Playlist can be set to play its content in sequential order (default) or random order (selected with a checkbox.) A Playlist set to random will have its entire contents shuffled prior to delivery to the Player. User may also shuffle the contents of individual Channels by clicking the gear of the Channel and selecting “Randomize slides”. The Playlist will play in sequential “Channel by Channel” order, but the slides in the channel will be random. It is very flexible. You can have everything random, or nothing.

Creating a Playlist

The user can create any number of Playlists in any account. A Playlist can be assigned to multiple Players. User may also maintain a Playlist which isn’t currently assigned to any Player. To create a Playlist the user selects the Players and Playlists Tab, then clicks on the Playlist “+” button. A dialogue box will appears asking the user for a unique name for the Playlist along with a checkbox asking if the user wishes to randomize display of the channels in the Playlist. The user selects a descriptive name and clicks Save. A Playlist name may not be exactly the same as a Channel name.

Assign this Playlist to a Player

The user selects the Player from the list of Players, hovers over target Player, clicks the associated edit cog, selects the new Playlist from the dropdown list and selects Save.
**Adding Channels to a Playlist**

When the user first creates and names a Playlist it will have no content. To add content, the user selects the Playlist from the list on the left side of the Players and Playlists page. The user can then drag ‘n drop one or more content Channels from the Channels area on the lower right - upwards to the Playlist content area. The user may add Channels containing content which they’ve created (located under the “My Channels” tab) or may add Channels from the pre-licensed SignChannel RSS library which includes hundreds of Channels such as news, weather, sports, and more. To find and select a channel a user may visually browse through available channels found under each category tab - or they may search by entering a partial name of a desired channel in the search box on the right side of the screen. Once identified the user then drags and drops the selected Channel to the Playlist content space directly above. To drag a Channel into a Playlist, the user holds the left mouse button down over the Channel icon they wish to add and moves the mouse up to the space above the list of available Channels. When the mouse button is released the newly added Channel will remain in place in the Playlist.

A user may add the same Channel multiple times to a Playlist. For instance, a Police Department may choose to schedule the 3 day weather forecast to display during each of three daily shift changes, but not at any other time of the day. The user adds the weather channel three times in the playlist, then schedules each instance of the channel to play at separate appropriate times.

**Ordering the Channels in a Playlist**

For Playlists which are not designated as random the user can control the order in which the Channels are displayed. Channels which have already been added to a Playlist can be re-ordered by dragging them to their new position and releasing.
**Removing a Channel from a Playlist**

To remove a Channel from a Playlist, first select the Playlist on the left side of the Players and Playlists page. Then, on the right side of the screen, hover the mouse over that Channel. The user will see a red “X” appear on the upper right corner of that Channel. Click the red “X” and the Channel will be removed from the Playlist. Removing a given Channel from a Playlist does not remove the Channel from the system. The Channel will still be available to add to other Playlists. To remove a Channel from the system, do this from the Channels page as described below.

**Configuring a Channel within a Playlist**

Some Channels such as weather and stock quotes require local configuration - such as entering a zip code for weather or a trading symbol for a given stock. All Channels in a Playlist can be configured to a greater or lesser degree. To configure a Channel’s settings within a Playlist, first select that Playlist from the list on the left side. Then hover the mouse over the Channel in the Playlist view on the top right side of the page. An edit “cog” will appear on the upper left side of the Channel icon when the mouse hovers over it. Click the cog to display a dialogue box which contains a preview of the Channel’s contents and the available settings for that Channel including scheduling.

![Diagram of configuration settings](image)

**Start date and time**

The date and time at which this Channel will start showing up in this Playlist. For example, if the user needs to display information about a store special that doesn’t start until a future date/time, it can be added to the Playlist now by setting the start date and time to be any date/time in the future.
Stop date and time
The date and time at which this Channel will stop showing up in this Playlist. For example if the user needs to display information about a store special that ends at 10PM on Halloween, it can be added to the slideshow now by setting the stop date and time to be October 31, 2009 and 10PM (or any other date/time in the future). If fields are left blank, channel will always play.

Days and times of the week
The user may have a Channel (such as promotional marketing content) which should only display on certain days and times of the week. For example the Tuesday breakfast special may only show up on Tuesdays from 6AM to 10 AM. If that is the case, the user will uncheck all days but Tuesday and move the Tuesday start/stop time slider icons selecting 6AM to 10AM.

Randomize
The user may randomize the contents of a specific Channel within a Playlist by checking the “Randomize slides” box. As mentioned earlier in the Playlist section, the user can also randomize an entire Playlist.
Maximum number of slides
If you have 5 slides available in the channel, if you set the "Maximum number of slides:" to equal 3, then only the first 3 slides will show each time the channel is played. It's primary use is for something like Reuters news. There may be many slides in a channel and setting max to 3 would limit to the most recent. You can also set the channel to Random so the first 3 are not always played.

Display duration
Display duration is the approximate number of seconds each slide will play from this Channel. You can override this on a slide by slide basis for a specific Media element in “My Channels” from the Channels & Media page as discussed below. Videos will ignore this value and play all the way through.

Maximum age of slides
The Maximum age of slides setting is used to set the threshold of how old a slide can be before it is no longer used in a Channel. For instance, if you subscribe to a news RSS feed like Reuters, you you may only want to see slides that are no older than 1 or 2 days. If you set the Maximum age of slides to “2 hours”, only slides that have been time stamped within two hours will play. Some RSS feeds are not updated very often. If you always want to see something played in that channel, it is best to set the Maximum age of slides to a long period.

Channels
A Channel is a collection of Media elements, similar to a folder. There are two types of Channels in SignChannel - Channels created by the user and external Channels provided by SignChannel. Channels provided by SignChannel include content such as news, weather and sports. The user may opt to add these Channels to their Playlist(s). These Channels are dynamically updated automatically.

User created Channels typically consist of user(s) created content such as still images, video clips and/or pre-fabricated templates populated by the user. These
user created Channels are only available to members of your account and can be accessed, modified and added only to Playlists in your account.

Creating a Channel

The user can create any number of Channels in their account. To create a Channel the user selects Channels & Media tab from the top of the main navigation page. Upon selecting the “+” button next to Channels, a dialogue box will appear asking for a Channel name. The user provides a unique and descriptive name and then clicks Save. A new Channel will be created and that Channel will be automatically selected with nothing in it. You can add Media elements to that Channel as described below.

Adding Media to a Channel

The user adds Media elements (images, videos and/or populated template images) to a Channel in a several different ways. If the user has already uploaded various content to the system, they select library (on the left side), identify content elements to be added to the Channel and drag the media elements into the Channel. To do this, hold the left mouse button down while hovering over the desired element and drag the mouse over to the Channel listing on the left side. Release the mouse button when the Channel changes color and the element will be added automatically. Additional Media elements may be added in the same manner. As an alternative to the drag and drop method the user may click the edit “cog” icon which appears when the mouse hovers over an item. This will display the list of Channels
the user has created. Checking the box(es) next to the Channel(s) will add or remove the item from the Channel(s). Click Save and the Channels are updated.

For Media which has not been previously uploaded, select the targeted Channel from the list on the left. Click the Upload Media link. The selected image or video files will be added to both the Library and to the currently selected Channel.

**Templates**

The user may add images to the Library using the Template feature. By selecting the CREATE SLIDE “+” button, a template category is selected from the drop down choices. User then selects the specific desired template which should also correspond to the targeted screen aspect ratio.

The user should then populate the template with their own data and organization or company logo. The user adds content by typing in the appropriate dialogue box(s). For most Templates, adding a Logo is required. The user adds their logo by either uploading a new logo using the upload arrow button or select an existing logo using the “Browse Assets” (logos) button, then dragging the logo into the dotted rectangle above.

SignChannel provides hundreds of Templates to choose from, organized by industry.

![SignChannel templates](image)

The new image can be previewed using the Preview Slide button and saved to the Library using the Yes, Save button.

**Editing a Template**

Once your template has been created and saved to the library, it is very easy to go in and make changes to it. This would be useful if say, you created a food menu and you want to make a price change. Just find the template you created in the library and click on the “cog” or gear when it appears when you hover over it. A list of Channels will open up and a few buttons will appear at the bottom of the screen. One of those buttons is “Edit Template”.

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You can edit any text element and even change the logo picture. When you save the template, it will overwrite the original.

**Removing Media from a Channel**

Media elements may be removed from a Channel by hovering over a given Channel, then clicking the red “X” which appears while hovering. This will not delete the item from the Library; rather it will only remove it from the Channel. To completely remove an item from the account, find the image in the Library, click on the edit “cog” icon which appears when you hover over it, remove the image from all Channels, and last select the “delete permanently” button. Note that the “delete permanently” button will only appear after a specific Media element has been removed from all Channels.

**Sorting Media elements in a Channel**

Media elements can be sorted in a Channel using drag ‘n drop. Select the Channel you wish to sort from the list of Channels by clicking the Channel name on the left side of the Channels and Media page. Then move desired elements around one at a time by holding down the mouse and drag them into the desired position. The order will be maintained in the resulting Playlist unless randomize is selected in the Channel settings. This can be done when adding the Channel to a Playlist or later at any time.

**Deleting a Channel**

To remove a Channel from the system, first find it on the left of the Channels & Media page and click on it. Click on the “cog” icon to open the drop down window and then click on the Remove button. If you do not see the Remove button, this means the channel has been placed in one of your playlist. A channel must be removed from all playlist first before it can be deleted. Deleting a Channel will not remove the Media elements from your library, it only deletes the Channel.

**Media**

Media elements in SignChannel can be still image or video files. Upload Media elements by going to the Channels and Media page on SignChannel and clicking on the Upload button (upward pointing double wide arrow). Locate desired files on your computer, select them and they will be uploaded into your Library and your Channel if you select Upload while you have Channel selected.
The Library

The Library is a collection of all the Media in your account (jpeg images, video clips and/or populated template jpeg images) whether it belongs to a Channel or not. You can search the Library for Media elements; add the Media to Channels as described above. SignChannel automatically names your pictures and videos when you load them in. You can always rename your Media elements by clicking on the edit “cog”. You can only delete a item in the Library if it is not being used in a channel. If you have hundreds of Media items in your Library, you can use the search tool to quickly find your item. You can also organize the items in your Library by Date or Name, by using the drop down tool at the top of the page. This tool also lets you display just your pictures, movies or uploaded template Logo's known as Assets.

Create Media Images

Media images can be created using any program which will produce a jpeg image including PowerPoint, Adobe PhotoShop, Adobe Illustrator, Paint.net, etc. You can also upload any picture in the jpg, gif or png format. Uploaded videos will be trans-coded from most standard video formats to the format of the installed Player or Players. If you install a new Player after videos have been uploaded to your account, SignChannel will detect the new player and automatically trans-code all videos in your library for the new player.
**Edit Images in Library**

If you hover your mouse over items in your Library, you will notice a “Cog” or gear appear. If you click on that gear, a window will open that will show you a list of every Channel you made. If there is a check mark next to that Channel, that means the item is being used in that Channel and can not be deleted. If you wish to delete an item from your Library, just clear the check marks and the “Delete” button will appear.

Within the Library edit window you can name the Media item and set the duration in which it will be displayed in your Playlist. This Display Duration setting will override the setting within a Channel. If a Channel has a Display Duration of 20 seconds, and you enter 10 seconds for this slide, then all the slides in a Channel will play for 20 seconds each, except for this slide that will play for only 10 seconds.

![Image of Library window](image)

If the item in the Library is a Template that you created, you can click on the “Edit Template” button to change text or the logo. When you save, it will over write the original Template.

**Edit with pixlr**

The Library edit window also has a button called “Edit with pixlr”. Edit with pixlr allows you to modify an image in your library with photo manipulation tools. You can adjust colors, add borders, special effects and text.

![Image of Edit with pixlr](image)
We are going to add text in this example so click on “Aa Text”

Select the font (many more choices will open), enter your text and chose the color. The text can be re-sized and repositioned anywhere you like. When you are finished, click “Apply” then “save”. You will then be prompted to name your edited picture. When you are done, you will have the original picture and your new edited picture in the Library.

Helpful Hint: If there is a SignChannel Template that you really like, but would rather choose your own font size, color and position, here is a little trick.

Find your Template by clicking the + on the “Create Slide” tab and chose your template.

Replace all of the text with a single space for each field. You will still need to upload a picture for the Logo field.

When you save the Template, there will be no text on it. You can now edit the Template with pixlr and choose any font and position it where you like.
New Features

SignChannel has been hard at work to help you create compelling, relevant and current content for your Digital Display presentation. This is an ongoing effort and the list will be added to when new features are available.

The facebook Channel

Facebook is a social networking website intended to connect friends, family, and business associates. It is the largest of the networking sites. If you have set up a free account with facebook, you can upload pictures to your account.

By adding the facebook Channel to your SignChannel playlist, you can display the pictures that you have uploaded to your facebook account. Once again, this is a great tool for uploading content to your Digital Display. You can take a picture with your cell phone, upload it to your facebook account, and the picture will appear on your Digital Display as long as you have the facebook Channel in your SignChannel Playlist.

Unlike the Twitter Channel where you can enter anyone's screen name to see their Tweets, with facebook, you must signin to your own account and you can only display pictures from your account.

Also, there has been a recent picture format change from facebook. Every picture uploaded to facebook is saved as a progressive jpg. This is unfortunate because some Standard Definition players can not display progressive jpgs.

Here is how to add the facebook Channel to your Playlist. Click the Players & Playlist tab, then type “facebook” into the search window. When the facebook Channel appears, drag it into your Playlist.
When you drag the facebook Channel into your Playlist, if you are not already logged in to facebook, you will be redirected to facebook’s website to login. After successfully logging in, you will be redirected back to your SignChannel account.

Now, move your mouse over the facebook Channel in your Playlist and click on the “Cog” or gear that appears. This will open the Channel and allow you to see the pictures in your facebook account. By default, if the “Maximum number of slides” is left blank, only 5 pictures will appear. Also pay close attention to the “Maximum age of slides”. If you have not uploaded pictures to your account for several months, make the necessary adjustment to the Maximum age of slides.

### The Webcam URL Channel

SignChannel can display a feed from a picture webcam. A webcam, or web camera, is the loosely used term for any camera that generates images that can be accessed by and displayed on the world wide web through a server. The webcam basically works by capturing a series of digital images that are transferred by the computer to a server and then displayed to the hosting page.

Some webcams capture a still image only once every few seconds and saves the picture to the same URL (Uniform Resource Locator) over and over, while others provide streaming video by capturing 30 images per second. SignChannel can not work with the streaming video type webcams at this time.

How often a picture gets updated on your display is dependent on the length of your Playlist. If you have a short playlist, the webcam picture will be updated more frequently than if your playlist is 30 minutes long.

It can be a little tricky to get the correct URL off of a website that is displaying a webcam, but it can be done. The following steps will show you how.
First, let's find a webcam that may be interesting for your targeted audience. Most local news stations provide live traffic cams on their website.

![Traffic Cam - I76 merge L ramp](image)

Sometimes a website will show you thumbnail images from many webcams first. When you find the largest image from the webcam that you want, right mouse click the image and select “properties” or “view image info”. Every browser is a little different. What you are looking for is the URL location of the webcam.

![Properties Window](image)

In Internet Explorer, after you select “properties” you will see a window pop up like the one pictured. Use your mouse and select and copy the Address URL

In this example it is...


Property of Scala, Inc.
Now your ready to add that webcam channel to your playlist. Under the Players & Playlist tab search for “URL’. Click on the “Webcam URL” Channel and drag it up and into your Playlist.

Now, move your mouse over the Webcam Channel in your Playlist and click on the “Cog” or gear that appears.

This will open the Channel and allow you to enter the webcam URL address. Paste the URL address that you copied from the website into the box that says “URL” and...
click the Add button. A large SignChannel logo will zoom into view. Click the little icon of the monitor under the logo to show the webcam.

You should now see something like the picture above. Make any schedule changes to the channel and click “Save”. You can add several webcams to each channel. This way for example, you can have a traffic cam channel, a beach cam channel and a local webcam from within your business.

The Custom RSS Text Channel

What is RSS? RSS (Rich Site Summary or Really Simple Syndication) is a format for delivering regularly changing web content. Many news-related sites, weblogs and other online publishers syndicate their content as an RSS Feed to whoever wants it.

By using RSS feeds in your SignChannel Playlist, you can have fresh, relevant content delivered to your display each day without having to do anything but put the Channel in your Playlist once.

To find RSS feeds, visit sites that have content that would appeal to your targeted audience and look for the RSS icon or just the name RSS. It is usually at the bottom of
a sites webpage. For example, let’s say you own a chain of Hair Salons and you want some fun content for your clients to watch and talk about. A possible choice for a good RSS feed would be “http://www.hollywoodreporter.com”.

If you visit their site and scroll to the bottom of the page, you will see a link called... Entertainment News RSS. Click on that link.

You will see a whole page of RSS feeds for different topics. Click on the topic that interest you. For this example, we will click on “Top Stories”

The RSS feed will then open in your browser. Use your mouse and select the location in the address bar. Some browsers may not show the whole address, but if select it and choose copy, the whole address will be saved. In this example, the RSS address is...

http://feeds.feedburner.com/thr/news
You are now ready to paste this address into a RSS Text Channel in your SignChannel Playlist. Under the Players & Playlist tab search for “RSS”. Click on the “CustomRSS Text Channel” and drag it up and into your Playlist.

Now, move your mouse over the CustomRSS Text Channel in your Playlist and click on the “Cog” or gear that appears.

This will open the Channel and allow you to enter the RSS address. Paste the URL address that you copied from the website into the box that says “URL” and click the Add button.
You should now see something like the picture above. Make any schedule changes to the channel and click “Save”. Pay close attention to the “Maximum age of slides”. It is best to look at the dates on the RSS articles in the feed first to see how current they are.

All RSS feeds are not created equal. A web browser is capable of displaying almost anything, but in order for the feed to work in SignChannel, it must adhere to the W3C Standard (World Wide Web Consortium).

If you would like to test your feeds first, we recommend using this free W3C Feed Validation Service. Sometimes, even if a feed passes the validation test, it still may not work.

http://validator.w3.org/feed

Some RSS feeds have nice pictures to go along with the story, some just use a small thumbnail image that does not look very good when displayed on a large monitor. Some RSS feeds do not have any picture at all. It takes time to find the right RSS feeds for your Playlist, but once you have them, your done.

**The Custom RSS Image Channel**

Works exactly as described above for the RSS Text channel. Some websites (not many) have a picture of the day RSS feed. The RSS Image Channel allows you to place that RSS feed into your Playlist. These RSS Channels are very hard to find, but if you are lucky enough to find some that are relevant to your audience, at least SignChannel offers a way for you to insert them into your Playlist.
Here are a few RSS Image Channels to try...

NASA - Image of the Day...
http://www.nasa.gov/rss/image_of_the_day.rss

The New York Times...
http://lensblogs.nytimes.com/feed/

Help Facility

The entire site contains helpful tool tips which are designated with a question mark. By selecting the question mark icon a context sensitive Help explanation will appear. See the example below:

Multi-Lingual Capability

SignChannel is designed for Global usage because of its simplified graphical interface and its adaptability to accommodate multiple languages. Once the UI text has been translated it is very easy to update the entire system for the respective language. The user then only needs to select the appropriate language in their browser and the entire User Interface will be presented in the chosen language. SignChannel is currently being translated to several languages. Please consult with us regarding support for the language that meets your requirements.
Frequently Asked Questions

If you don’t find your answer here, send us an email at support@signchannel.com
Hour for tech support are 9am to 5pm EST Monday through Friday

How do I get started with SignChannel?

It's pretty easy...as simple as 1, 2, 3!
Sign up for your account at www.signchannel.com  It's free until you add a player.
Buy a player.
When your player arrives, connect it to the Internet and type in the registration
code that appears on the screen of your player, into your account (click "+") next to
PLAYERS on the left side of the screen).

I’ve forgotten my password!  HELP!

Send us an email at support@signchannel.com and we’ll reset it for you!

I need to configure my IAdea player for Wi-Fi.  How do I do that?

Use the easy online Wi-Fi configuration tool at http://www.digisignage.com/config/signchannel
By entering your SSID and passkey, this utility will save that to a USB Flash drive,
which then can be inserted into the USB port of the IAdea player.
Alternatively, you may plug a keyboard into the USB port of your IAdea device and
navigate to "Network Settings" to configure your network manually.

How can I add my own content to a playlist?

Couple of things to remember here: Your CONTENT goes into a CHANNEL and
CHANNELS go into a PLAYLIST.
So in order to get your content into a Playlist, you’ll need to put your content first
into a channel, then add that channel to playlist
Step by step, here you go:
• Click on "Channels & Media" at the top of the signchannel home page.
• Click on "upload slide", browse to a picture you’d like to upload, the select
  it and click OK.
• Your picture is now added to your library. Simply drag and drop it on a channel on the left to add to one of your channels.

• Now click on "Players & Playlists" at the top of the page, and then drag and drop your channel into a playlist.

• Lastly, verify that your player is playing the playlist you think it is by clicking on the gear symbol next to the player of interest.

Now sit back and relax as your system downloads your new content!

I've made changes to my playlist, but I don't see that on my player?

OK, no problem...let's do a little troubleshooting.

Some graphics and videos can be large, so depending on your Internet connection, it may take a while for things download. Please be patient.

Of course, you should also verify that your player is connected to the internet. If the calendar channel doesn't show today's date, chances are that it is offline.

Next, make sure you've added your channels to your playlist, and in the players "gear" verify that the player is "tuned" to that channel.

How do firmware updates work?

Easy. For all SignChannel certified players that support remote software updates, the web GUI will alert you when a software update is ready to be downloaded. Simply click the Firmware Update box to proceed with a remote firmware update.

How do I set the resolution of my player to match my screen?

Screen resolutions come in many different sizes. Many 40" to 42" are either 1360x768 or 1920x1080. Smaller desktop LCD screen can vary from 1280x1024 to 1440x900 to 1680x1080 and anything in-between. Please consult your owners manual for your screen to learn it’s native resolution.

Once you know the resolution of your screen, from the Player & Playlists menu, open the gear next the player you want to set. Select the resolution of your screen from the drop down list and click save.

You will notice that you can also select either Landscape or Portrait modes here, as well as selecting a slider to make the picture a little larger or smaller to fit a screen as necessary.

Please also be sure to upload content that is a similar aspect ratio to your screen for best results. (ie: 4x3, 16x9, 9x16)
**How do I create custom slides from the 100's of built in templates?**

From the Channels & Media tab, under the "Upload" button is "Create Slide". Choose this and select one of the predefined categories like Hotels, Restaurants, then pick a template from one of those listed.

Simply type your custom message into the form and drag and drop a graphic (such as your hotel's logo) from the browse assets button or upload your own graphic here.

Click Preview to see what your slide will look like. Then click "Yes, save" or "no, go back". When completed, merely drag your new media item into a channel of your choice.

Again verify that this channel is added to your playlist and that your player is playing that playlist.

**Can I design and upload my own templates?**

Yes, but it's a little tricky. You'll need to have a copy of Scala Designer. (sold separately) This an authoring tool specifically made for creating digital signage templates. Then we will have to enable your account to upload templates. (send us an email). The templates you create will only be available to you and your users.

**How can I remove a player from my account?**

From the Player & Playlists tab, click on the gear next to the player you want to delete (on the left hand side of the screen). Then click Remove and confirm that choice. A new Activation Code will appear on your display and a license has been added back into your account. You can now re-use that player license to set up a new player.

**How can I add a player to my account?**

If you have unused player licenses on your account, simply click the "+" sign next to Players and add your code. If you need to purchase additional licenses, there will be a link under Players to do so. You may purchase new hardware or just a subscription if you already own the hardware.

**Can my SignChannel content be used in a network of Scala 5 Players?**

Not at this time, but we are looking into that.

Property of Scala, Inc.
What Video formats are supported in SignChannel?
We’ll take nearly any video format you can upload, and transcode it to the appropriate format for the various players that you may have connected to SignChannel. Just get the aspect ratio correct, and we'll take it from there.

Do you support Flash?
Not at this time, but check back...we've got some things cooking in the R&D labs!

Do you support crawls, tickers, and multi-zone layouts?
Not at this time. If you need this capability, check out the Scala Enterprise product. That's our all-singing and all-dancing digital signage solution.

Can I do interactive applications in SignChannel?
Not at this time, but as we said about Flash...the boys are working on that...so stay tuned.

Will SignChannel play Scala Scripts?
No

My content takes a long time to download. Why is this?
The players will check with the servers for any updates after playing the current Playlist several times. If there is something new to download, the player will download just the differences. Often times, the largest files are videos, and sometimes those take a while to download, so please be patient.

What browser should I use?
SignChannel is designed to work with all modern browsers. IE8 and above, Firefox, Google Chrome and Safari. If you are still using IE7, it's time to upgrade. Google Chrome has some of the best performance we have seen so far.
**How do I edit a picture in my library?**

When you move the mouse cursor to an item in the Library, a gear will appear in the upper left hand corner. Click on the gear, then click the "edit with Pixlr" button. This will take you to Pixlr's website where you can add text, change brightness and many other edit features. When you are finished, just click the "Save" button and you will return to the SignChannel interface with the newly edited picture in your library.

**What format and size should my pictures be in?**

We accept pictures in the .jpg or .jpeg .png and .gif format. They can be any size. We will re-size the pictures before they are sent to the display. Keep in mind the size screen the picture will be displayed on and the aspect ratio. It's always better to give us high quality images.

**What format and size should my videos be in?**

The video formats we accept are .mpg .mp4 .flv .avi .divx .mov .mpeg and .wmv. Make sure you upload the correct aspect ratio video for your display. The video will be re-sized to fit your display while maintaining the aspect ratio.

**Can I upload multiple images at a time?**

Yes, that feature is available if you are using Firefox or Google Chrome.

**How often does a player request new information?**

The term TTL or "Time To Live" is used to describe the amount of time that passes before the player request a new feed. Feeds that are less than 5 minutes in length, TTL is 3X the playlist playtime. Feeds >5 minutes and < 15 minutes TTL is 2X playlist playtime. Feeds >15 minutes have a TTL 1X playlist playtime.

**Can I force the player to update my playlist faster?**

SignChannel can not send a refresh command to the player. It has to wait for the player to call home. The only way to get a player to update the playlist faster would be to reboot the player.
**Is there a way to set update times for the content?**
You can not specify exactly when a player gets updated. If your Playlist is short, the refresh time is roughly 3x the length of the Playlist. For example, if your Playlist is 3 minutes long, the player will request a new feed around every 10 minutes.

**The last request time for my player has not changed.**
You must refresh your browser to see the current last Request time.

**My last request time says 1 (or more) day and is red.**
You are no longer connected to the internet. This could be the result of a poor quality WiFi signal. RF interference can be a major inhibitor to wireless performance creating wireless network instability. It is also possible that something has interfered with the normal operation of the player and it needs to be rebooted.

**My player's screen is displaying "No slides found".**
You do not have content in the Playlist associated with the player. Content goes into a Channel, Channels go into a Playlist and Playlist are played on a Player.

**My player's screen is displaying the "Activation code".**
This is a unique code sent to the player by SignChannel. If you have already purchased a subscription, then you need to enter this code into the SignChannel interface under your player in order for the player to start receiving your content.

**I typed in the Activation code but got "Activation is not valid"**
It is possible that the player is not connected to the internet and code is playing the wrong code out of the player's memory.

**When I first boot up my IAdea player, I see the IP: 169.254.1.1 address at the bottom left hand corner of the screen.**
That means the player is not attached to the internet.
When configuring a weather channel, a non US zip code is not accepted.
You will need to chose "non US city" in the channel configuration window, then select the country and city.

One of my channels is no longer being displayed.
Check the Configure play day/time of the channel. Also, if this is an RSS channel like Reuters, check the "Maximum age of slides".

I only see commercial channels like weather and news, but do not see the channels I created with my own pictures and video.
SignChannel uses several different servers for content. Your router or firewall could be blocking one of our servers. If you can, white list *.signchannel.com

Can I use a different transitions between slides?
Slide transitions are a function of the player, not SignChannel. On the Brightsign players, you can edit the script file that is on the SD card to change transition type. On IAdea players, if the time duration for slides is >5 seconds the transition will be a smooth fade. If the time duration is <5 seconds, the slides will “pop” from slide to slide.

I uploaded a picture (or a video) and now I want to delete it but the program wont let me.
The "Delete Permanently" button will only appear after your media element has been removed from all Channels.

I can't delete a channel that I created.
If the channel is being used in a Playlist, it must be removed from there first.

Some of the Custom RSS Text Channels I added do not work.
It’s best to test the feed first at http://validator.w3.org/feed/ also check the age of the content within the RSS feed. SignChannel will accept content that is up to 1 year old if selected.
**Can I have a custom RSS channel that points to a live webcam?**

Yes, if the webcam is streaming a snapshot every few minutes (Picture Cam) you can use the "Webcam URL" channel. Video webcams will not work, but still image cams will. To find the "Webcam URL" channel, go to "Players & Playlists " and type "URL" into the search window.

**When creating a Slide from a template, I want to use different fonts and position the text in a different area in the template.**

Open the template and replace the default text with a space. Save the template. Now go into your library and edit the template with Pixlr. Add your text there. When you are finished click "Save"

**I have two SignChannel accounts. Can I transfer the library of one account to the other?**

No, not at this time. If you need to setup another account and you want some of the same content in both accounts, you will need to upload the content into both accounts.

**I uploaded videos to my account before connecting a player. why are the videos taking so long to appear on my display?**

When a video is uploaded, SignChannel will look to see what type of player is connected to the account then it will trans code the videos for that player. If there are no players, SignChannel must wait until one is attached before trans coding.

**What channels work in portrait mode?**

Your user created pictures and videos as well as most channels. Content should be create with portrait mode in mind. One channel that does not work is "Custom RSS Image".

**What direction does portrait mode rotate?**

90 Counter clockwise, so you will need to rotate your monitor 90 clockwise. If you have a special need where the picture must be flipped, please contact us.
Can I have SignChannel open in multiple tabs in my browser at the same time?
No. You should only have one instance of SignChannel running at one time.

Can I use a PC as a player?
No. Only certified SignChannel players can be used on our network.

I signed up for a free demo account but did not receive the Invitation to Register email.
It is possible the email is being blocked by a spam filter. Check with your IT department. Either the IT staff or your Internet service provider is blocking our server located at signchannel@scala.com. You can try again outside of their network.

When I click on the arrow for a preview of my Playlist, I see an "estimated play time". How accurate is that?
The play time is the sum of each slide's duration, however you have to take into consideration transition time from one slide to the other. It is best to use a stop watch if timing is critical. Also remember the player will go through a few cycles of the current Playlist before it request a new content.

What is the largest video that I can upload to SignChannel?
At this time, there is a 500mb limit on the size of the video upload.

How many channels does SignChannel offer?
SignChannel will always endeavor to provide users with a wide range of compelling content that is relevant to their audience. Content Channels will be constantly changing as SignChannel develops new content relationships. When you add in the zip code driven and custom RSS channels, there is well over 1000 channels available to use in your feeds.
**Is there way to import a power point image?**
Yes. You would save the ppt presentation as a series of hi res JPEG images then place them in a channel.

**Should I power off my player every night when it’s not being used?**
You do not need to. SignChannel certified players use very little power and were designed to run 24/7. If you are using a separate monitor, you can power that off if you wish.

**What does "Maximum age of slides" mean?**
In a RSS feed, content is updated on a regular basis. You may only want to display slides that are no older than a week old. In this case you would select "1 week".

**How can I tell what version firmware my player is running?**
For IAdea players use a usb keyboard to get into the menu. Brightsign players will display their firmware when the player is powered up without a SD card.

**Does the Resolution adjustment tool change the output of the media player to that Resolution?**
No, it only changes the size of the content going to the player. The player decides its output resolution by communicating with the attached monitor. The players can also be set manually to output the proper resolution.

**Images are too large on the screen - cropped at left, top, and bottom (too far to the left).**
For IAdea SDplayers, go into menu and change the output resolution from 1280x720 to 1366x768.

**How many items can I have in a Playlist?**
Currently based on our observation, 200 items are a comfortable Playlist length. 200 items can be either 200 image files or combination of 20 video files and 180 images. Some players have more internal memory than others so they can handle more. Also, keep in mind where the player will be seen. Your audience may only see the display for a few minutes.
**How do I get into the menu on a IAdea media player?**

After the player fully boots up, plug in a USB keyboard. The screen will go black for a few seconds, then the menu will appear.

**My IAdea player is showing the "Welcome Screen"**

If you are seeing the Welcome Screen, you may need to go into the menu and set the network properties like the WiFi network with username and password.

Another possibility - you may need to reconfigure your player to point to SignChannel. Use the link to Iadea's configuration utility. Copy the file to a thumb drive and plug it into the player while it is displaying the Welcome screen.

http://www.digisignage.com/config/signchannel/

**Can I attach a 3g USB modem to the IAdea players?**

Not on their older players, but IAdea is announcing new players with this capability. Please visit their website for more details.

**Can I have a real time clock in my playlist?**

Not at this time. Once a player downloads its content from SignChannel, it plays it several times before it request new content. A real time clock would not be accurate.

**Why are there two Display Duration areas for the slides?**

You can set a Display duration in a Channel for all slides, but the Display duration within the slide will over ride the channel display duration. For videos, you do not need to enter a "Display duration:" If you do, it is ignored and the video will play in its entirety.

**Who can I contact to get the subscriptions added to my account?**

It should be automatic when you purchased your subscription but if you are having a problem contact support@signchannel.com

**I click on the upload button, but nothing happens.**

You are probably using Internet Explorer 7 or below. Please update your browser to IE8 or higher. You can also use Firefox, Google Chrome or Safari with SignChannel.
How do I select multiple files at one time to make uploading easier?

Google Chrome and Firefox browsers support multiple file uploads.

- Click the upload button on SignChannel like you normally do.
- If the files are all next to each other, hold the "SHIFT" key down on your keyboard and select the first and last file. All of the files in between will also be selected.
- If the files are scattered around, hold the "CTRL" key down and select just the files you want to upload.
- Click "open"

When I click on the gear for a Channel, I see "Display duration:". Is this time for the whole channel or each slide?

In a Channel that has multiple slides like Reuters, the "Display duration: seconds" tool is the time for each slide to be displayed, not the total time the channel is displayed. You select how long each slide is displayed and you select how many slides you want displayed with the "Maximum number of slides:" feature.

How do I schedule a night shift that goes from 8:30pm to 7:30am the next day, Sunday through Friday?

You would create two identical channels and put them both in the Playlist. Adjust the start and stop time for each day so your content is displayed when you want it.

I have a large video that I want to start playing at exactly 3:00pm.

Unlike a DVD player that starts playing as soon as you push the button, a media player will have to download the file from the internet into its memory first. Depending on the size, this could take some time. If the video has already been loaded into the player, Some players like the IAdea and BrightSign will play the video within a few minutes without having to download it again.

I don't have a player yet. How accurate is the preview window in SignChannel? Will I see the white screen and Quick Time logo when playing a video?

No you will not. We included the preview to give you a rough idea of how your Playlist would play. The output to your player will be as good as the content you upload. When you upload a video to SignChannel we trans code it twice. We create a
small, low res video preview for the website, and a original size version for the actual player attached.

**I am having trouble with getting an internet connection in one of my remote locations. How do I get a Playlist to play on the player?**

You could load the Playlist onto the player at a location that has a good internet connection. Then you could unplug the unit and move it to the remote location. The player should always play out of cache. There is a chance, however, that the Playlist in memory could become corrupt if powered off at the wrong time. The player would need the internet again to download the Playlist. Of course, channels like the Calendar or Weather that are being played out of memory will not be current.

**When Using the Configuration utility for the IAdea player, how long should it take to finish?**

It only takes a few minutes for the configuration to take place. When finished, the player will reboot by itself.

**What is the SD card for on the BrightSign player?**

The SD card contains a small script that allows the player to work with SignChannel. The card can also be used to update the player's firmware. The player uses the card to store the content of your Playlist so if you ever lose internet connection it can play out of memory. The SD card on the BrightSign player should only be removed and inserted when powered off.

**Can I upload my .swf flash file to SignChannel?**

SignChannel can deliver virtually any file format to a player, however, the player must be capable of playing flash files. Only some of the new Android players at this time support Flash.

**Can I move my player to another location?**

Yes. Once the player has been activated in your SignChannel account, you may move it anywhere that has an internet connection. The player will continue to download the same Playlist assigned in your account. If your player is setup on wireless, you will need to change the Network and Password for the new location.
Can I access the pictures in my FaceBook account?
Yes, In the "Players & Playlists" area, Just type facebook in the search. Then drag the FaceBook channel into your playlist. You will then be directed to log into your FaceBook account and allow SignChannel access to your pictures.

Is there a way to group content together in the library?
Yes. You can sort by Date or Name. You can also just view Movies, Slides or Assets. Assets are graphics that were uploaded into a Template.

What does the "Maximum number of slides:" mean in the channel configuration area?
If you have 10 slides available in the channel, if you set the "Maximum number of slides:" to equal 3, then only the first 3 slides will show each time the channel is played. It's primary use is for something like Reuters news. There may be many slides in a channel and setting max to 3 would limit to the most recent. You can also set the channel to Random so the first 3 are not always played.

How do I adjust the volume on my player?
If you have an IAda digital signboard, you can go into the menu and adjust the volume. If you have a media player, you adjust the volume at the TV or monitor.

My BrightSign player does not show the Activation Code, only the BrightSign logo.
Make sure the SD card is inserted into the player and that it contains the "autorun.brs" file that points to SignChannel.

How do you adjust the volume on a IAda XDS-195 19" display?
You can adjust the volume through screen's menu. You have to unlock the key first, then adjust the volume. Press the menu button, then up, down, up, down, menu to disable key lock. Now you can adjust the volume. Menu auto locks after 5 seconds of inactivity.
I tried uploading a video with the extension of m4v and I get a "format not supported". For m4v files, simply change the file extension to mp4.

Can I connect the video outputs of the players to multiple displays at the same time?
Yes, the IAdea XMP series and the Brightsign players supports simultaneous (mirrored) output to HDMI and VGA. You can connect 2 displays with this method.

Can I upload audio files to SignChannel?
No. You would have to make a simple movie and add the audio track to it.

In a Custom RSS channel, how do you see the rest of the story?
You will not see the rest of the story. The Channel is just for the headline (and picture if available) and a short paragraph to be a little informative and grab someones attention. It may only be on the screen for 10 seconds.

How do I subscribe to USA Today (or other) RSS feeds?
Sometimes you have to search a little to find the right feed format on a publication's RSS page. Click on the link that says "subscribe to this feed using your favorite reader.XML" or "view feed XML". Cut and paste that URL into the Custom RSS Text Channel.
Current Channels available in SignChannel 2013

SignChannel will always endeavor to provide users with a wide range of compelling content that is relevant to their audience. The purpose of relevant content is to maximize the potential to capture audience attention so that viewers are "caught looking" at the content that the user wants the viewer to see (ex: advertisements, promotions, or other important information that is beneficial to the user). SignChannel content will always span the wide range of news, weather, sports, and special interest areas. Content Channels will be constantly changing as SignChannel develops new content relationships or abandons old relationships. New content relationships (ex: 30,000+ local zip code rss feeds) and new content management tools (ex: aggregate Major League Baseball scores) are continually being developed to broaden the SignChannel audience reach by making content more relevant. Many content sources will also become unavailable from time to time based upon contractual relationships, organizational changes, and business conditions (ex: price hikes, mergers & acquisitions, strategy changes, etc.). Below is a general description of the Channels and Categories currently available.

Category-Weather

3-Day Forecast
Current Weather
Weather Alerts
Weather Maps
Weather Package

Category-News

Calendar Channel
Financial Market Updates
Reuters: Advertising/Marketing
Reuters: Deals
Reuters: Energy
Reuters: Environment
Reuters: Internet News
Reuters: Media Diversified
Reuters: Oddly Enough
Reuters: Politics
Reuters: Regulatory News
Reuters: Science News
Reuters: Top News
Reuters: U.S.
Reuters: World News
White House.gov Press Office
**Category-Finance**

Current Stock Quotes  
Financial Headlines  
Financial Market Updates  
Reuters: Bankruptcy News  
Reuters: Bonds News  
Reuters: Business News  
Reuters: Company News  
Reuters: Financial Services and Real Estate  
Reuters: Financials  
Reuters: Global Markets  
Reuters: Green Business News  
Reuters: Hedge Funds  
Reuters: Hot Stocks  
Reuters: Industrials  
Reuters: Market News  
Reuters: Mergers News  
Reuters: Non-Cyclical Consumer Goods  
Reuters: Private Equity  
Reuters: Small Business News  
Reuters: US Dollar Report

**Category-Education**

Animal Trivia  
Business 101  
Career Tips  
Hindu Wisdom  
Local Kids Events  
Local Learning Events  
Local Museum and Sights  
On this day in history  
Pocket Buddha  
Poker Tips  
Sports 101  
Word of the Day

**Category-Entertainment**

Animal Trivia  
Beer, Beer, and more Beer
Sagittarius
Scorpio
Taurus
Virgo

**Category-Lifestyle-Lottery**

Arizona Lottery Results
Atlantic Canada Lottery Results
British Columbia Lottery Results
California Lottery Results
Colorado Lottery Results
Connecticut Lottery Results
Delaware Lottery Results
Dist. of Columbia Lottery Results
Florida Lottery Results
Georgia Lottery Results
Idaho Lottery Results
Illinois Lottery Results
Indiana Lottery Results
Iowa Lottery Results
Irish Lottery Results
Kansas Lottery Results
Kentucky Lottery Results
Louisiana Lottery Results
Maine Lottery Results
Maryland Lottery Results
Massachusetts Lottery Results
Michigan Lottery Results
Minnesota Lottery Results
Missouri Lottery Results
Montana Lottery Results
Nebraska Lottery Results
New Hampshire Lottery Results
New Jersey Lottery Results
New Mexico Lottery Results
New York Lottery Results
North Carolina Lottery Results
North Dakota Lottery Results
Ohio Lottery Results
Oklahoma Lottery Results
Ontario Lottery Results

*Property of Scala, Inc.*
Oregon Lottery Results
Pennsylvania Lottery Results
Puerto Rico Lottery Results
Quebec Lottery Results
Rhode Island Lottery Results
South Carolina Lottery Results
South Dakota Lottery Results
Tennessee Lottery Results
Texas Lottery Results
UK National Lottery Results
Vermont Lottery Results
Virginia Lottery Results
Washington Lottery Results
Western Canada Lottery Results

**Category-Lifestyle-Shopping**

Woot Shirt
Woot Wine
Woot: One Day, One Deal (SM)

**Category-Lifestyle-Travel**

Deals from Last Minute Travel
Travel Addict

**Category-Local *Zip code driven = 1000's of Channels**

3-Day Forecast
Current Weather
Local Comedy and Theater
Local Concerts and Live Music
Local Galleries and Art
Local Kids Events
Local Learning Events
Local Museum and Sights
Local Outdoors and Recreation
Neighborhood Events
Weather Alerts

**Category-RSS = 1000's of Channels available**
Custom RSS Image Channel
Custom RSS Text Channel

Category-Spanish
Acuario
Aries
Capricornio
Cáncer
Escorpio
Géminis
Leo
Libra
Piscis
Sagitario
Tauro
Virgo
Bible Quotes
Romance Tips
Shape Up Tips

Category-Sports
Reuters: Sports News
Sports 101
Sports Trivia

Category-Sports-Baseball
AL Central
AL East
AL West
Arizona Diamondbacks
Atlanta Braves
Baltimore Orioles
Boston Red Sox
Chicago Cubs
Chicago White Sox
Cincinnati Reds
Cleveland Indians
Colorado Rockies
Detroit Tigers
Florida Marlins
Houston Astros

Property of Scala, Inc.
Kansas City Royals
Los Angeles Angels
Los Angeles Dodgers
MLB Scores
Milwaukee Brewers
Minnesota Twins
NL Central
NL East
NL West
New York Mets
New York Yankees
Oakland Athletics
Philadelphia Phillies
Pittsburgh Pirates
Saint Louis Cardinals
San Diego Padres
San Francisco Giants
Seattle Mariners
Tampa Bay Rays
Texas Rangers
Toronto Blue Jays
Washington Nationals

**Category-Sports-Basketball-College**
Air Force Falcons Basketball
Akron Zips Basketball
Alabama A&M Bulldogs
Alabama Crimson Tide
Alabama State Hornets
Albany Great Danes
Alcorn State Braves
American University Eagles
Appalachian State Mountaineers
Arizona State Sun Devils
Arizona Wildcats
Arkansas Razorbacks
Arkansas State Red Wolves
Arkansas-Little Rock Trojans
Arkansas-Pine Bluff Golden Lions
Army Black Knights
Auburn Tigers

*Property of Scala, Inc.*
Austin Peay Governors
Ball State Cardinals
Baylor Bears
Belmont Bruins
Bethune-Cookman Wildcats
Binghamton Bearcats
Boise State Broncos
Boston College Eagles
Boston University Terriers
Bowling Green Falcons
Bradley Braves
Brigham Young Cougars
Brown Bears
Bryant Bulldogs
Bucknell Bison
Buffalo Bulls
Butler Bulldogs
Cal Poly Mustangs
Cal State Bakersfield Roadrunners
Cal State Fullerton Titans
Cal State Northridge Matadors
California Golden Bears
California Riverside Highlanders
California-Davis Aggies
Campbell Fighting Camels
Canisius Golden Griffins
Centenary Gentlemen
Central Arkansas Bears
Central Connecticut State Blue Devils
Central Michigan Chippewas
Charleston Cougars
Charleston Southern Buccaneers
Charlotte 49ers
Chattanooga Mocs
Chicago State Cougars
Cincinnati Bearcats
Citadel Bulldogs
Clemson Tigers
Cleveland State Vikings
Coastal Carolina Chanticleers
Colgate Raiders
Colorado Buffaloes
Colorado State Rams
Columbia Lions
Connecticut Huskies
Coppin State Eagles
Cornell Big Red
Creighton Bluejays
Dartmouth Big Green
Davidson Wildcats
Dayton Flyers
DePaul Blue Demons
Delaware Fightin Blue Hens
Delaware State Hornets
Denver Pioneers
Detroit Titans
Drake Bulldogs
Drexel Dragons
Duke Blue Devils
Duquesne Dukes
East Carolina Pirates
East Tennessee State Buccaneers
Eastern Illinois Panthers
Eastern Kentucky Colonels
Eastern Michigan Eagles
Eastern Washington Eagles
Elon Phoenix
Evansville Aces
Fairfield Stags
Fairleigh Dickinson Knights
Florida A&M Rattlers
Florida Atlantic Owls
Florida Gators
Florida Gulf Coast Eagles
Florida International Golden Panthers
Florida State Seminoles
Fordham Rams
Fresno State Bulldogs
Furman Paladins
Gardner-Webb Runnin Bulldogs
George Mason Patriots
George Washington Colonials
Georgetown Hoyas
Georgia Bulldogs
Georgia Southern Eagles
Georgia State Panthers
Georgia Tech Yellow Jackets
Gonzaga Bulldogs
Grambling State Tigers
Green Bay Phoenix
Hampton Pirates
Hartford Hawks
Harvard Crimson
Hawaii Warriors
High Point Panthers
Hofstra Pride
Holy Cross Crusaders
Houston Baptist Huskies
Houston Cougars
Howard Bison
IPFW Mastodons
IUPUI Jaguars
Idaho State Bengals
Idaho Vandals
Illinois Fighting Illini
Illinois State Redbirds
Indiana Hoosiers
Indiana State Sycamores
Iona Gaels
Iowa Hawkeyes
Iowa State Cyclones
Jackson State Tigers
Jacksonville Dolphins
Jacksonville State Gamecocks
James Madison Dukes
Kansas Jayhawks
Kansas State Wildcats
Kennesaw State Owls
Kent State Golden Flashes
Kentucky Wildcats
LSU Tigers
La Salle Explorers
Lafayette Leopards
Lamar Cardinals
Lehigh Mountain Hawks
Liberty Flames
Lipscomb Bisons
Long Beach State 49ers
Long Island Blackbirds
Longwood Lancers
Louisiana Tech Bulldogs
Louisiana-Lafayette Ragin Cajuns
Louisiana-Monroe Warhawks
Louisville Cardinals
Loyola (IL) Ramblers
Loyola (MD) Greyhounds
Loyola Marymount Lions
Maine Black Bears
Manhattan Jaspers
Marist Red Foxes
Marquette Golden Eagles
Marshall Thundering Herd
Maryland Terrapins
Maryland-Baltimore County Retrievers
Maryland-Eastern Shore Hawks
Massachusetts Minutemen
McNeese State Cowboys
Memphis Tigers
Mercer Bears
Miami (FL) Hurricanes
Miami (OH) RedHawks
Michigan State Spartans
Michigan Wolverines
Middle Tennessee Blue Raiders
Milwaukee Panthers
Minnesota Golden Gophers
Mississippi Rebels
Mississippi State Bulldogs
Mississippi Valley State Delta Devils
Missouri State Bears
Missouri Tigers
Monmouth Hawks
Montana Grizzlies
Montana State Bobcats
Morehead State Eagles
Morgan State Golden Bears
Mount St. Marys Mountaineers
Murray State Racers
N.J.I.T. Highlanders
Navy Midshipmen
Nebraska Cornhuskers
Nevada Wolf Pack
New Hampshire Wildcats
New Mexico Lobos
New Mexico State Aggies
New Orleans Privateers
Niagara Purple Eagles
Nicholls State Colonels
Norfolk State Spartans
North Carolina A&T Aggies
North Carolina Asheville Bulldogs
North Carolina Central Eagles
North Carolina Greensboro Spartans
North Carolina State Wolfpack
North Carolina Tar Heels
North Carolina Wilmington Seahawks
North Dakota State Bison
North Florida Ospreys
North Texas Mean Green
Northeastern Huskies
Northern Arizona Lumberjacks
Northern Colorado Bears
Northern Illinois Huskies
Northern Iowa Panthers
Northwestern State Demons
Northwestern Wildcats
Notre Dame Fighting Irish
Oakland Golden Grizzlies
Ohio Bobcats
Ohio State Buckeyes
Oklahoma Sooners
Oklahoma State Cowboys
Old Dominion Monarchs
Oral Roberts Golden Eagles
Oregon Ducks
Oregon State Beavers
Pacific Tigers
Penn State Nittany Lions
Pennsylvania Quakers
Pepperdine Waves
Pittsburgh Panthers
Portland Pilots
Portland State Vikings
Prairie View A&M Panthers
Presbyterian Blue Hose
Princeton Tigers
Providence Friars
Purdue Boilermakers
Quinnipiac Bobcats
Radford Highlanders
Rhode Island Rams
Rice Owls
Richmond Spiders
Rider Broncs
Robert Morris Colonials
Rutgers Scarlet Knights
Sacramento State Hornets
Sacred Heart Pioneers
Saint Louis Billikens
Saint Marys Gaels
Sam Houston State Bearkats
Samford Bulldogs
San Diego State Aztecs
San Diego Toreros
San Francisco Dons
San Jose State Spartans
Santa Clara Broncos
Savannah State Tigers
Seton Hall Pirates
Siena Saints
South Alabama Jaguars
South Carolina Gamecocks
South Carolina State Bulldogs
South Carolina Upstate Spartans
South Dakota State Jackrabbits
South Florida Bulls
Southeast Missouri State Redhawks
Southeastern Louisiana Lions
Southern Illinois Salukis
Southern Methodist Mustangs
Southern Miss Golden Eagles
Southern University Jaguars
Southern Utah Thunderbirds
St. Bonaventure Bonnies
St. Francis (NY) Terriers
St. Francis (PA) Red Flash
St. Johns Red Storm
St. Josephs (PA) Hawks
St. Peters Peacocks
Stanford Cardinal
Stephen F. Austin Lumberjacks
Stetson Hatters
Stony Brook Seawolves
Syracuse Orange
TCU Horned Frogs
Temple Owls
Tennessee State Tigers
Tennessee Tech Golden Eagles
Tennessee Volunteers
Tennessee-Martin Skyhawks
Texas A&M Aggies
Texas A&M-Corpus Christi Islanders
Texas Longhorns
Texas Southern Tigers
Texas State Bobcats
Texas Tech Red Raiders
Texas-Arlington Mavericks
Texas-Pan American Broncs
Toledo Rockets
Towson Tigers
Troy Trojans
Tulane Green Wave
Tulsa Golden Hurricane
UAB Blazers
UC-Irvine Anteaters
UC-Santa Barbara Gauchos
UCF Knights
UCLA Bruins
UIC Flames
UMKC Kangaroos
UNLV Runnin Rebels
USC Trojans
UTEP Miners
UTSA Roadrunners
Utah Runnin Utes
Utah State Aggies
Utah Valley University Wolverines
Valparaiso Crusaders
Vanderbilt Commodores
Vermont Catamounts
Villanova Wildcats
Virginia Cavaliers
Virginia Commonwealth Rams
Virginia Military Keydets
Virginia Tech Hokies
Wagner Seahawks
Wake Forest Demon Deacons
Washington Huskies
Washington State Cougars
Weber State Wildcats
West Virginia Mountaineers
Western Carolina Catamounts
Western Illinois Leathernecks
Western Kentucky Hilltoppers
Western Michigan Broncos
Wichita State Shockers
William & Mary Tribe
Winston-Salem State Rams
Winthrop Eagles
Wisconsin Badgers
Wofford Terriers
Wright State Raiders
Wyoming Cowboys
Xavier Musketeers
Yale Bulldogs
Youngstown State Penguins

Category-Sports-Basketball-NBA
Arizona Wildcats
Arkansas Razorbacks
Arkansas State Red Wolves
Army Black Knights
Auburn Tigers
Ball State Cardinals
Baylor Bears
Boise State Broncos
Boston College Eagles
Bowling Green Falcons
Brigham Young Cougars
Buffalo Bulls
California Golden Bears
Central Michigan Chippewas
Cincinnati Bearcats
Clemson Tigers
Colorado Buffaloes
Colorado State Rams
Connecticut Huskies
Duke Blue Devils
East Carolina Pirates
Eastern Michigan Eagles
Florida Atlantic Owls
Florida Gators
Florida International Golden Panthers
Florida State Seminoles
Fresno State Bulldogs
Georgia Bulldogs
Georgia Tech Yellow Jackets
Hawaii Warriors
Houston Cougars
Idaho Vandals
Illinois Fighting Illini
Indiana Hoosiers
Iowa Hawkeyes
Iowa State Cyclones
Kansas Jayhawks
Kansas State Wildcats
Kent State Golden Flashes
Kentucky Wildcats
LSU Tigers
Louisiana Tech Bulldogs
Louisiana-Lafayette Ragin Cajuns
Louisiana-Monroe Warhawks
Louisville Cardinals
Marshall Thundering Herd
Maryland Terrapins
Memphis Tigers
Miami (FL) Hurricanes
Miami (OH) RedHawks
Michigan State Spartans
Michigan Wolverines
Middle Tennessee Blue Raiders
Minnesota Golden Gophers
Mississippi Rebels
Mississippi State Bulldogs
Missouri Tigers
Navy Midshipmen
Nebraska Cornhuskers
Nevada Wolf Pack
New Mexico Lobos
New Mexico State Aggies
North Carolina State Wolfpack
North Carolina Tar Heels
North Texas Mean Green
Northern Illinois Huskies
Northwestern Wildcats
Notre Dame Fighting Irish
Ohio Bobcats
Ohio State Buckeyes
Oklahoma Sooners
Oklahoma State Cowboys
Oregon Ducks
Oregon State Beavers
Penn State Nittany Lions
Pittsburgh Panthers
Purdue Boilermakers
Rice Owls
Rutgers Scarlet Knights
San Diego State Aztecs
San Jose State Spartans
South Carolina Gamecocks
South Florida Bulls
Southern Methodist Mustangs
Southern Miss Golden Eagles
Stanford Cardinal
Syracuse Orange
TCU Horned Frogs
Temple Owls
Tennessee Volunteers
Texas A&M Aggies
Texas Longhorns
Texas Tech Red Raiders
Toledo Rockets
Troy Trojans
Tulane Green Wave
Tulsa Golden Hurricane
UAB Blazers
UCF Knights
UCLA Bruins
UNLV Rebels
USC Trojans
UTEP Miners
Utah State Aggies
Utah Utes
Vanderbilt Commodores
Virginia Cavaliers
Virginia Tech Hokies
Wake Forest Demon Deacons
Washington Huskies
Washington State Cougars
West Virginia Mountaineers
Western Kentucky Hilltoppers
Western Michigan Broncos
Wisconsin Badgers
Wyoming Cowboys

Category-Sports-Football-NFL

AFC East
AFC North
AFC South
AFC West
Arizona Cardinals
Atlanta Falcons
Baltimore Ravens
Buffalo Bills
Carolina Panthers
Chicago Bears
Cincinnati Bengals
Cleveland Browns
Dallas Cowboys
Denver Broncos
Detroit Lions
Green Bay Packers
Houston Texans
Indianapolis Colts
Jacksonville Jaguars
Kansas City Chiefs
Miami Dolphins
Minnesota Vikings
NFC East
NFC North
NFC South
NFC West
NFL Scores
New England Patriots
New Orleans Saints
New York Giants
New York Jets
Oakland Raiders
Philadelphia Eagles
Pittsburgh Steelers
San Diego Chargers
San Francisco 49ers
Seattle Seahawks
St. Louis Rams
Tampa Bay Buccaneers
Tennessee Titans
Washington Redskins

**Category-Sports-Golf**
PGA Golf

*Property of Scala, Inc.*
Category-Sports-Hockey
Anaheim Ducks
Atlanta Thrashers
Boston Bruins
Buffalo Sabres
Calgary Flames
Carolina Hurricanes
Chicago Blackhawks
Colorado Avalanche
Columbus Blue Jackets
Dallas Stars
Detroit Red Wings
Edmonton Oilers
Florida Panthers
Los Angeles Kings
Minnesota Wild
Montreal Canadiens
Nashville Predators
New Jersey Devils
New York Islanders
New York Rangers
Ottawa Senators
Philadelphia Flyers
Phoenix Coyotes
Pittsburgh Penguins
San Jose Sharks
St Louis Blues
Tampa Bay Lightning
Toronto Maple Leafs
Vancouver Canucks
Washington Capitals

Category-Sports-MotorSports-NASCAR
Nascar Sprint Cup Results
Nascar Sprint Cup Standings
Category-Technology
CNET News
Reuters: Technology News
The Gadgeteer
Woot: One Day, One Deal (SM)