

## Carousel for BrightSign 1.0.x Release Guide

### Prerequisites

Carousel 6.4.6 server software or higher is required. If the client has an active System Assurance (SA) contract and an update is required, they may contact Tightrope support to obtain a free software update. If the client does not have a valid SA contract, they may purchase one through their dealer to obtain the latest Carousel software release.

A valid player license is required for each player connected to the Carousel server. If additional player licenses were purchased to extend the signage network, a new license key should have been provided for the Carousel server. If a new license key was not received it can be requested through Tightrope's support department.

### Installation and Configuration

1. Download the Carousel for BrightSign Deployment Tool and Carousel BrightConfig App from <http://www.trms.com/support/brightsign>.
2. Install the Carousel for BrightSign Deployment Tool (carousel4brs\_1.x.x.exe) on the Carousel server. First you will be asked to confirm the installation location of the recovery files.

```
C:\Users\Administrator\Desktop\carousel4brs.exe
Carousel for Brightsign Deployment Tool version 1.0.0.12
Install Brightsign Recovery files to C:\TRMS\Web\Carousel\brs <y/N>? _
```

3. Next you will confirm the installation location of Carousel BrightConfig.

```
Installing digitalClock\digital-clock.html
Installing digitalClock\digital.ttf
Installing digitalClock\index.html
Installing digitalClock\jquery-1.9.1.min.js
Installing digitalClock\jquery.textfill.min.js
Install Brightsign Configuration Tool installer to C:\TRMS\Tools? <y/N>
```

4. The installation will be confirmed on a 3<sup>rd</sup> screen. Simply press any key to exit the installer.

```
Install Brightsign Configuration Tool installer to C:\TRMS\Tools? <y/N>
y
Installing Brightsign Configuration Tool installer
Installation complete.
Press any key to exit.
```

5. Install Carousel BrightConfig on a Windows computer that has an SD card reader/writer installed or attached.
6. Insert an SD card into the computer and launch the Carousel BrightConfig app from the Windows Desktop.
7. Enter Tightrope server host name or IP address.
8. Click **Get Channel List** and choose the channel you would like the unit to play.
9. Select your BrightSign unit model.
10. Choose your network properties (wireless requires an additional optional module).
11. Select the time zone the unit should operate in.
12. Set the monitor control on/off times (HDMI CEC only).
13. Click **Create Setup Files** and choose the SD card to write them to.
14. Eject the SD card from the computer and insert it into the BrightSign unit.

## **Automated Update Process**

Tightrope and BrightSign will continue developing player enhancements and features well into the future. When a new software and/or firmware update is released it will be quick and easy to deploy. Simply install the latest release on the Carousel server. The BrightSign XD media players periodically check the server for new firmware & script updates, and will automatically download and install the updates once they are detected.

## **Device Recovery**

The BrightSign XD media players monitor the health of the file structure on the unit's SD card. If the unit determines the file structure is unhealthy it will download a fresh set of script files and reboot itself. Additionally, if an SD card fails, a blank SD card can be placed in the unit. The player will download the latest script files from the server, reboot and play its latest Carousel channel content once again.

## **Contacting Support**

If you are experiencing issues after confirming you have met the following prerequisites: purchased required licenses, installed required software, and attempted to configure the units, please contact Tightrope support for additional assistance. (866) 866-4118, option 1 for signage solutions, followed by option 2 for support. You may also send an email to [support@trms.com](mailto:support@trms.com) or submit a support request online.

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## Supported Carousel Features

All standard template-based bulletins

Uploaded videos (limited to codecs supported by BrightSign)

Live Video (HDMI only)

Analog and Digital Clocks

Weather Bulletins

Interactive Bulletins (HTML5 limited to Webkit)

Zone Alerts

Full Screen Alerts

Crawl

Player Status Monitoring

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## Supported Carousel Features Continued

Automated Player Recovery

Automated Firmware and Script Updates

Monitor On/Off via HDMI CEC

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## Supported Hardware

BrightSign XD230

BrightSign XD1030

BrightSign XD1230

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## Non-Supported Carousel Features

Portrait Mode

h.264 Streaming Video

ATSC/QAM Live Video

Adobe Flash

Selectable Bulletin Transitions (Uses default fade transition for all bulletins)

2 Line Date/Time Display on Clock Bulletins

Channel Date/Time Overlay

Countdown Clock

Monitor On/Off via RS-232

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## Supported Media Formats

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<b>Video Codecs</b>	MPEG-1, MPEG-2, H.264, WMV - *no audio with WMV
<b>Video Containers</b>	MPEG-2 transport and program streams, AVCHD/BDAV, ASF, MP4, MOV
<b>Images</b>	BMP, JPEG, PNG
<b>Audio</b>	MP3
<b>Other</b>	HTML5

### Supported Display Resolutions

#### HDMI

- 640x480x60p
- 720x480x59.94p
- 720x480x60p
- 720x576x50p
- 800x600x60p
- 800x600x75p
- 1024x768x60p
- 1024x768x75p
- 1280x720x50p
- 1280x720x59.94p
- 1280x720x60p
- 1280x768x60p
- 1280x800x60p
- 1280x800x75p
- 1280x960x60p
- 1280x1024x60p
- 1280x1024x75p
- 1360x768x60p
- 1400x1050x60p
- 1400x1050x75p
- 1440x900x60p
- 1440x900x75p
- 1600x1200x60p
- 1920x1080x50i
- 1920x1080x60i
- 1920x1080x24p
- 1920x1080x25p
- 1920x1080x29.97p
- 1920x1080x30p
- 1920x1080x50p
- 1920x1080x59.94p
- 1920x1080x60p
- NTSC-COMPONENT
- PAL-COMPONENT
- NTSC-M
- NTSC-M-JPN
- PAL-I
- PAL-BG
- PAL-N
- PAL-NC
- PAL-M

#### VGA

- 640x480x60p
- 800x600x60p
- 800x600x75p
- 1024x768x60p
- 1024x768x75p
- 1280x768x60p
- 1280x800x60p
- 1280x800x75p
- 1280x960x60p
- 1280x1024x60p
- 1280x1024x75p
- 1360x768x60p
- 1400x1050x60p
- 1400x1050x75p
- 1440x900x75p
- 1600x1200x60p