DIRECTV RESIDENTIAL EXPERIENCE PLUS

GUEST WELCOME SCREEN CONFIGURATION TOOL

USER GUIDE

DIRECTV
FOR BUSINESS

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1. Terminology

Term	Description	
DRE *DIRECTV Residential Experience*	Name given to the DIRECTV in-room receiver solution for the hospitality industry.	
STB *Set Top Box*	DIRECTV receivers used for DRE systems. Set top boxes currently used in DRE are the DIRECTV H25 and HR24 models.	
PMS *Property Management System*	The hotel's management software that manages billing and other hotel operations.	These two systems interface to enable various functions of the guest welcome screen, including the check out function and folio review. -The PMS can notify the MCS of guest check outs, allowing the DRE system to reset the STB in that room. -he MCS talks to the PMS in order to retrieve folio information (such as guest names and other info) as well as to post purchase payments for Video On Demand (VOD) content
MCS *Management Control System/Server*	The Management Server that monitors & controls the DRE System, providing health status of the receivers and operational control over the system.	
DRE Info Apps	Applications that can be setup and deployed using the DRE MCS so that a property's TVs can display customizable informational text and images on the Guest Welcome Screen.	
DRE Info-<u>Simple</u> Apps	A DRE Info App displays a single screen with one main area of text and/or picture, with no subpages or menu attached.	
DRE Info-<u>Multiview</u> Apps	A DRE Info App is multi-layered, meaning that it displays multiple screens of information, with each screen selectable through the use of a sub-menu displayed on the left side of the screen.	
Tarball	A Tarball is an *archive* that has been created with the "tar" command. In this context, an archive is a single file that contains any number of individual files plus information to allow them to be restored to their original form by one or more extraction programs.	

2. Introduction

The DRE Guest Welcome Screen is an onscreen portal that allows a hotel to bring customized information and personalized messages directly to the hotel guest through the television. Each hotel's Guest Welcome Screen can be designed to reflect the character of the hotel. This document shows a hotel administrator or a DIRECTV dealer how to program and design a Guest Welcome Screen to match the needs of the hotel property by using the **DRE Guest Welcome Screen Configuration Tool** system.

There are many ways to customize the Guest Welcome Screen:

- Icons can be chosen to represent the applications available on the screen
- Weather and logos that are displayed at the top of the Guest Welcome screen can be configured to show property-specific information
- The banner space at the bottom of the screen can be customized by the property for purposes such as self-promotion

The Configuration Tool system includes the following functionality:

1. Layout creation/editing — Create customizable Guest Welcome Screens.

2. App Management — View a list of all customized apps that have been created within the system for potential inclusion in a Welcome Screen. Edit the configurations of these apps or create new ones.

3. Dashboard View — Review and edit the content that has been selected for inclusion in the Welcome Screen Layout that is *currently* being displayed.

4. Layout management — Review a list of all previously created Welcome Screen Layouts. Select a layout to load into Dashboard View for editing.

5. Administration — Configure global settings for the system, as well as manage and update certain apps.

3. DRE Guest Welcome Screen Quick Install Guide

This section describes how to quickly deploy a default layout, allowing you to provide a basic DRE Guest Welcome Screen before further hotel customizations, planning and management requests are implemented.

When the MCS software is updated to version 3.28 or higher, the DRE Guest Welcome Screen feature will initially be visible but will be disabled and the DRE Guest Welcome Screen, also called the "Homepage" in the Configuration Tool, will include a predefined default layout that you can select to use.

Before following the instructions in this guide, please be sure that the MCS is updated to version 3.28 or higher. Please note that once you begin, you must complete *all* steps in Section 3 of this guide (this section) to ensure there is a homepage available for the property's Set Top Boxes (STBs) to display.

If you do not wish to deploy the basic default Guest Welcome Screen and wish to create a fully customized Guest Welcome Screen for your property, please skip to Section 4 of this guide.

3.1 Enable the Guest Welcome Screen

To enable the DRE Guest Welcome Screen feature, log in to the MCS and navigate to the MCS Setup screen at **http://172.16.1.11/sbbmgr/setup/.** Click on the Homepage tab to see the screen as shown below:
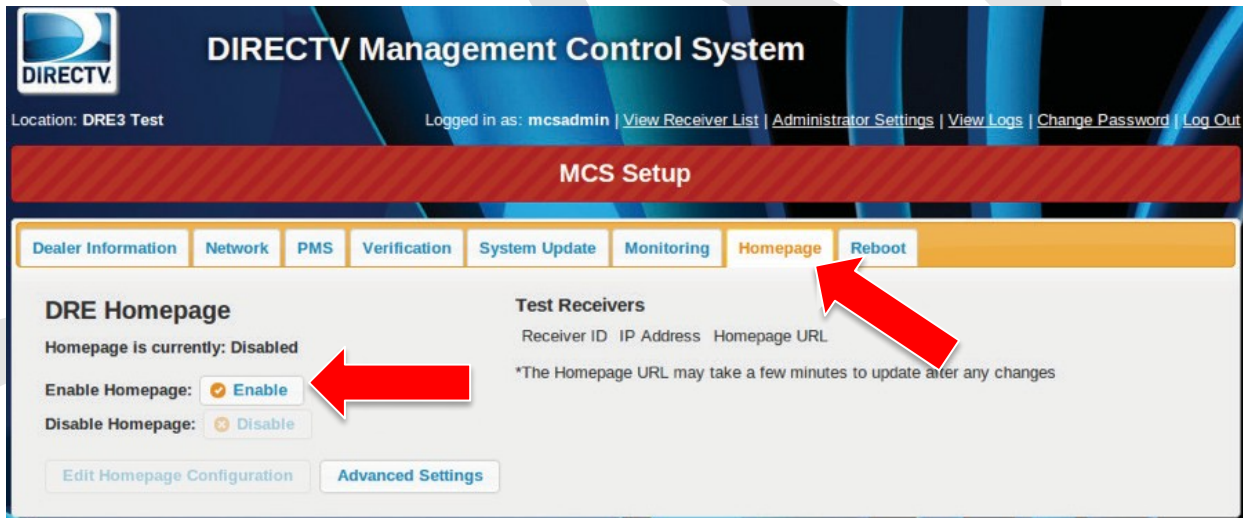
Figure 1: DIRECTV Residential Experience Homepage, Enable

By default, the Homepage feature is disabled. Click on the Enable button to enable the feature.

At this point, you must complete the rest of the steps in either this section (section 3) or section 4 of this guide to ensure that there is a Homepage ready on the MCS for the property's STBs to display.

3.2 Enter the Guest Welcome Screen Homepage Configuration Tool

Once you click Enable, you can access the Homepage Configuration Tool by clicking the Edit Homepage Configuration button at the bottom of the screen.
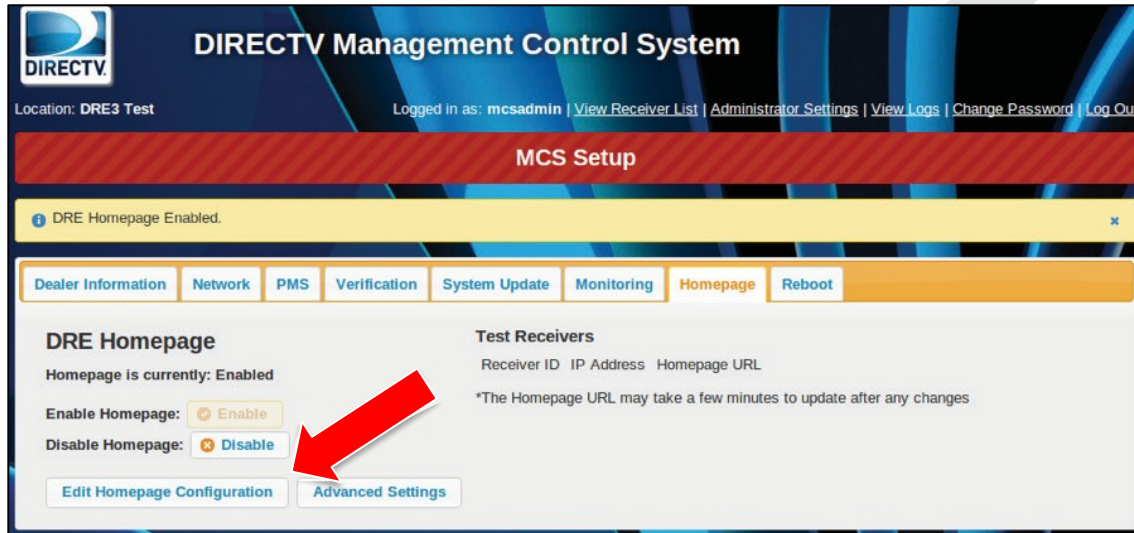
Figure 2: Enter the Homepage Configuration Tool

The Homepage Configuration Tool will initially display the below-pictured screen, which shows that there is a DIRECTV Default Layout ready for publishing.
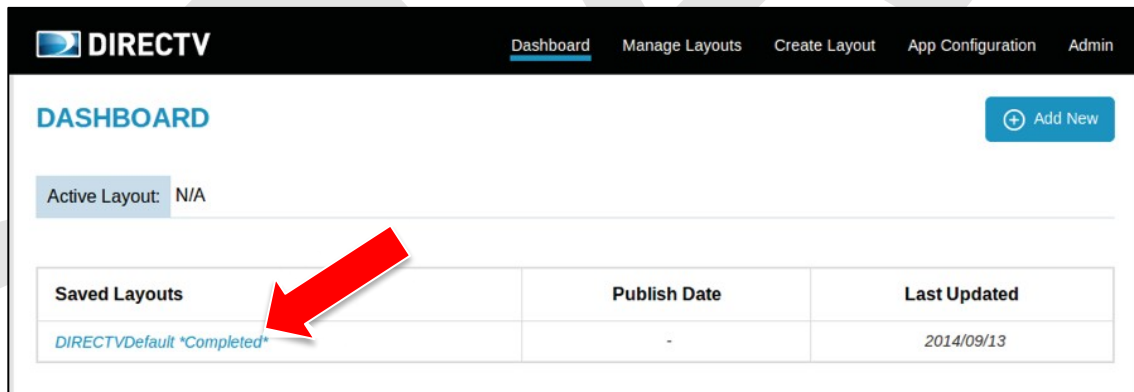
Figure 3: Publish DIRECTV Default Layout

Click on the "DIRECTVDefault *Completed*" Saved Layouts to review and publish it.

Pictured below is an example of the DIRECTVDefault as it would appear to a hotel guest.

Figure 4: The DIRECTV Default Layout, Published

3.3 Review and Publish the Layout

When reviewing the DIRECTV Default Layout, you may want to add some simple customizations. For example, it may be desirable to update the Welcome Text by adding the Hotel Name so that it reads something like "Welcome to <Hotel>." This message, when present, is displayed in the upper left of the published Welcome Screen (See the word "Welcome" in the upper left of Figure 4 above). Be aware that there is a 32-character limit to enter a hotel name. To have the message read "Welcome <Guest Name>, the guest's name would have to be added manually by the hotel upon guest check-in or by connecteng the MCS to the hotel's PMS.
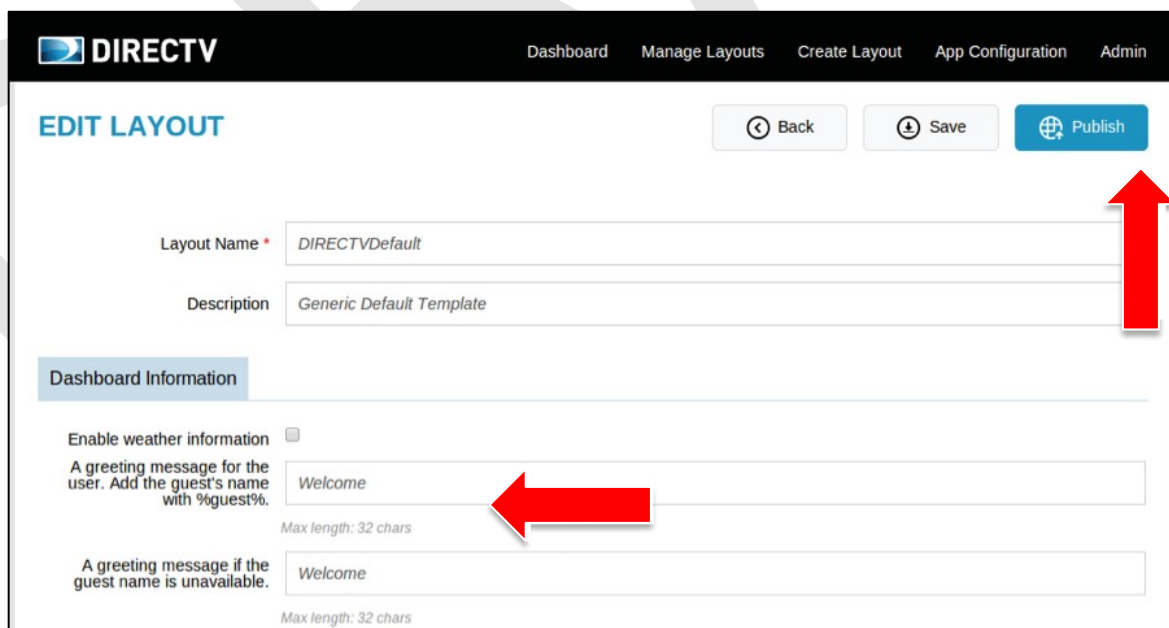
Figure 5: Edit Layout

When you are done reviewing and/or updating the layout, click the blue "Publish" button in the top-right corner of the screen. A confirmation pop up as shown below will appear.
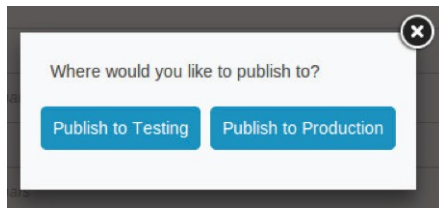
Figure 6: 'Publish To' Options

Click on the button corresponding to the location where you want to publish your Welcome Screen Layout to:

If you select **Publish to Production**, the completed layout will be sent to the Production host (i.e. server) named in the administration section of the Configuration Tool (see Section 5.6.1 of this document for details) and be available to show as the guest welcome screen at the hotel.

If you select **Publish to Testing**, the completed layout will be sent to the designated test server for hosting there.

Publishing layouts to Testing vs Production is covered in more detail in section 5 of this document.

While your Publish request is processing, the following message is displayed:

Figure 7: Publishing in-progress pop up notification

Upon successful publication, a confirmation pop up appears.

Figure 8: Layout Successfully published Notification

See Figure 4 above for an example of a published DIRECTV default layout.

4. Customizing a DRE Guest Welcome Screen

In this section, you will learn how the DRE Guest Welcome Screen can be customized to highlight the services and amenities of a property.

4.1 Create a Fully Customized Guest Welcome Screen Layout

You can create a fully customized Guest Welcome Screen. To do this, it is recommended you do the following first:

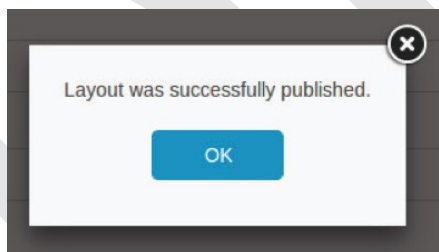1. Obtain an image of the Property Logo (181 x 72 px)

    a. PNG-type file is preferred due to transparency support

    b. A Property Logo is required for every Layout and App configuration

2. Confer with hotel management to determine what content should be included in the Hotel Information Screen. Then obtain images of those features that the hotel would like to highlight. For example, if the hotel would like to have the gym hours listed, an image of the gym would be valuable.

3. Determine whether Internet connectivity will be enabled for the site (required for Weather and ScoreGuide™ features).

The Welcome Screen Configuration Tool utilizes the hotel's PMS information (if available) by default. However, the PMS itself is *not* configurable from within the Welcome Screen Configuration Tool. Please refer to the MCS Manual for details on how to configure the PMS.

4.2 Create New Layout

To create a new layout, click "Create Layout" on the top menu bar to access the Create New Layout tab.

Figure 9: Create Layout Tab

4.2.1 Enter Layout Name and Description

Enter in a Layout Name as well as a description. DIRECTV recommends that you include the current day's date in the Layout Name or Description as a way to uniquely identify the layout and thus differentiate it from any other similar layouts saved in the system.

4.2.2 Enable Weather Information

To enable the inclusion of the local weather in the top-left corner of a published Welcome Screen, check the box next to "Enable Weather Information." Once this box is checked, additional fields will appear where you will enter in the ZIP code, City Name and 2-letter State abbreviation of the location.

Dashboard Information	
Enable weather information	☑
ZIP code for weather location	90245
	Max length: 5 chars
City display name	El Segundo
	Max length: 20 chars
State/province abbreviation	CA
	Max length: 2 chars

Figure 10: Enable Weather Details

4.2.3 Enable Banner

The banner ad is designed to allow the hotel to provide an eye-catching graphic to promote hotel amenities or special services. For an example, see Figure 13 later in this document, where the banner ad is the image that includes the text: "Join us for afternoon tea in the Mosaic Garden."

Click the "Enable the banner ad" check box to reveal a "Choose File" button which you can use to designate a graphic file that will be displayed in the banner ad section of this Guest Welcome Screen layout. If no banner is selected, the DIRECTV default ad banner is displayed.
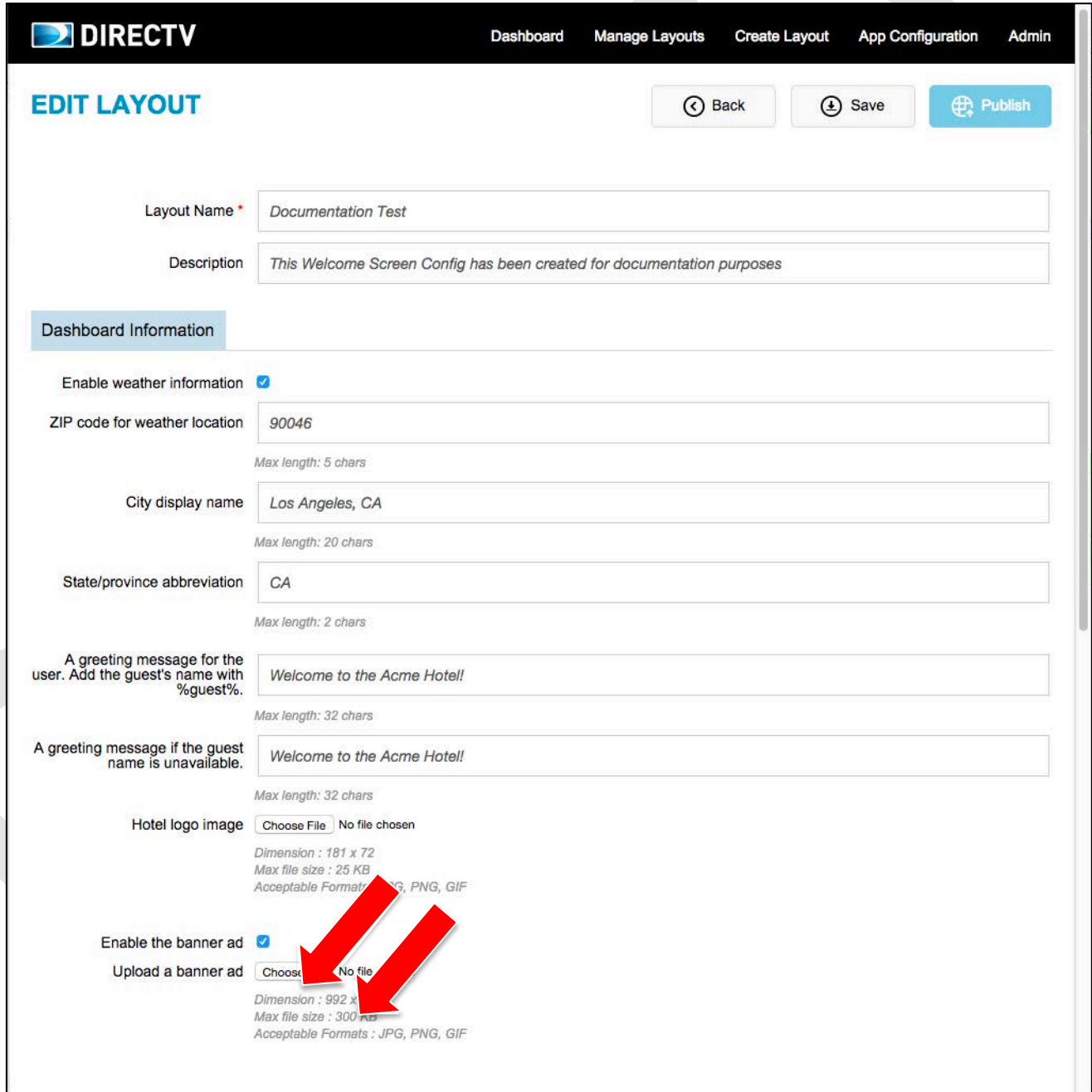
Figure 11: Enable Banner Ad in the Edit Layout Screen

4.2.4 Set Dashboard Layout

At the bottom of the Create New Layout page, use the radio buttons to select which of the three layout templates you want to use: Choose either 4, 6 or 8 icons by selecting either the 2 x 2, 3 x 3 or 4 x 2 layouts, respectively.
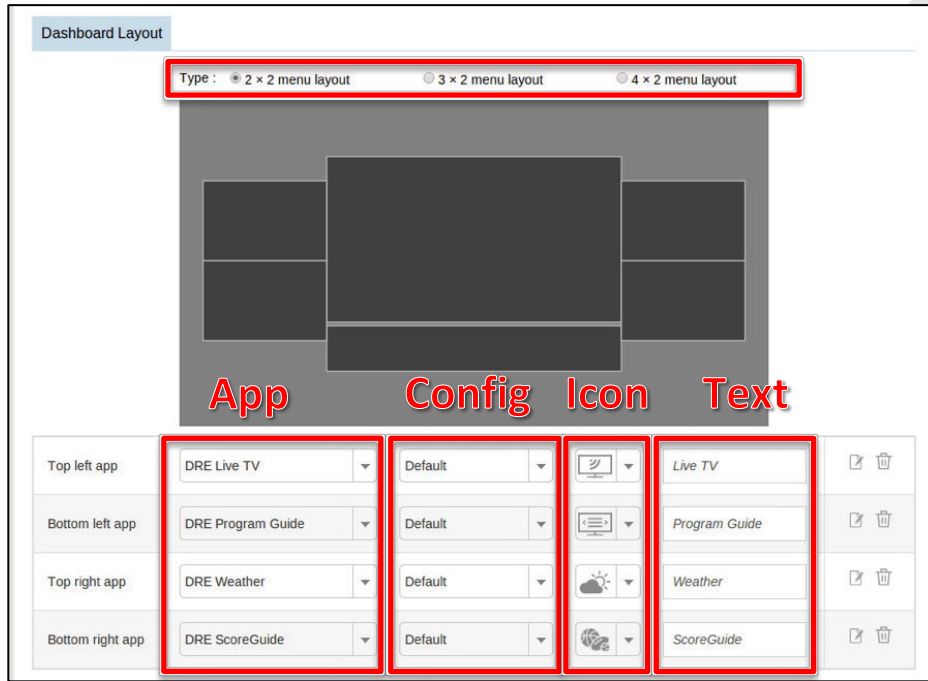
Figure 12: Dashboard Layout

Next, select which applications you want to appear in each of the pre-set icon locations in the layout. For each icon location (i.e. row, in the table pictured at the bottom of Figure 12 above), be sure to select an app, an "app configuration" *for* that app, an icon to display in the published Welcome Screen to represent the app and finally, be sure to enter what text to display underneath each icon (for example, the title of that app). Be sure to limit the length of the text as it can be cut off when displayed on a TV screen.

If, for a given location in the layout you wish to select a DRE Info-Multiview or a DRE Info-Simple app, you will need to have already created a custom DRE Info-Multiview or DRE Info-Simple app *configuration* so that there is something for you to choose from the drop down menus in the configuration column. Creation of custom app configurations is covered in Section 4.4 of this document.

4.3 Hotel Information Apps

A Hotel Information App, a type of DRE Info-Multiview app, is designed to include all the information that a hotel wishes to highlight about itself for sharing with its guests. Thus, to best design an app of this type, you should first consult with hotel management. You may want to provide screenshots of an example Welcome Screen to help them understand layout options so that you can then work together to determine what information should be displayed and how. For example, you may want to prepare a list of property features and amenities, as well as descriptions for each, that could be included in the Hotel Information App. As described in section 4.1 above, you will also need to have ready a high-resolution hotel logo as it will be displayed in a larger format in the app.

A Hotel Information app is accessed from the Welcome Screen by selecting the icon (that corresponds to the DRE Info-Multiview app whose creation is covered in the rest of this section) that would have been added when the layout was customized as covered in section 4.1 above.
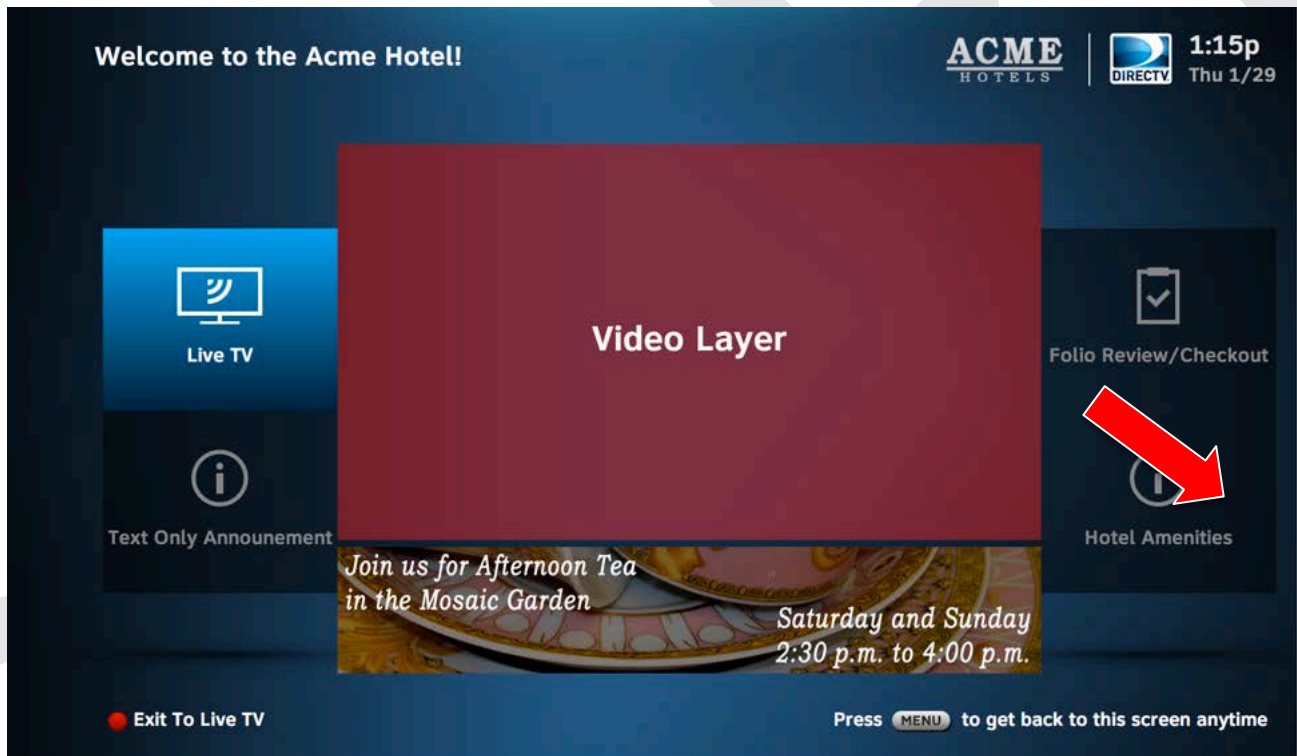
Figure 13: A Published Custom DRE Welcome Screen with a Hotel Information App, named "Hotel Amenities," included in the Layout

Below is an example of a the first screen for a published Hotel Information app. This is what you would see if you selected the Hotel Information app icon (named "Hotel Amenities") from the Welcome Screen pictured in Figure 13 above.
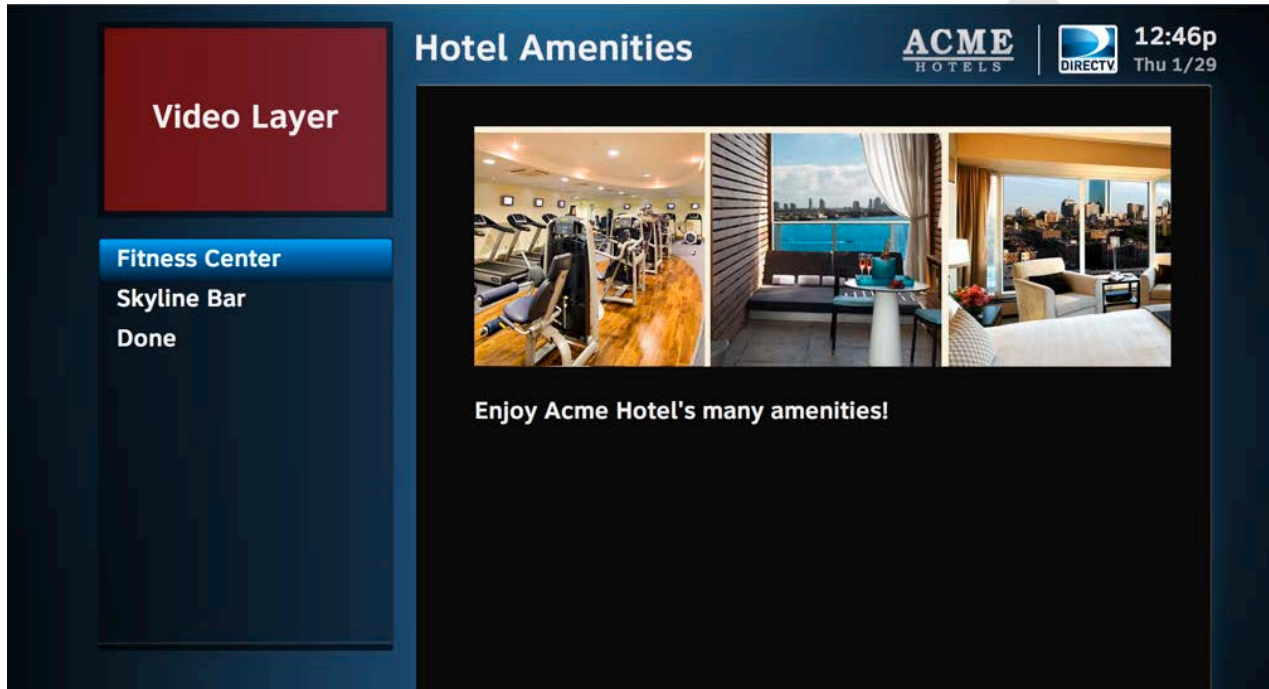
Figure 14: Example of Published Hotel Information App

4.3.1 Create a New Hotel Information App

From the Configuration Tool's main menu, click "App Configuration." Then, in the App Configuration tab that's displayed, select "DRE Info-Multiview" from the Select App drop-down menu. Finally, click the "(+) Add New" button to create the new app and be taken to a layout configuration page that you can in turn fill in (See Figure 16 below).
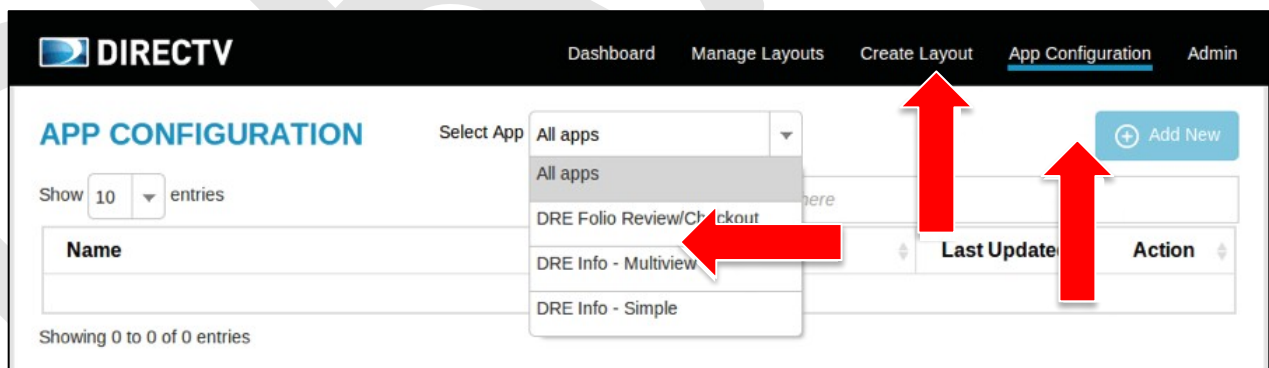
Figure 15: Launching a DRE Info-Multiview App Configuration page in order to create a Hotel Information App

4.3.2 Enter Initial Content for a Hotel Information App

When creating a Hotel Information app, you must first assign a unique name and description to to distinguish it from any other app configurations that exist in the system. DIRECTV recommends that the current day's date is included in the Name or Description as an identifier.

Figure 16: Hotel Information App Creation

The "Information Landing Page" section of a Hotel Information App configuration page is where you specify what appears on the initial informational screen (aka landing page) when the Hotel Information app is loaded (see Figure 18 below).

Choose from three layout options: Text Only, Image Only (1030 x 355 px), or Text and Image. In the below example, Text and Image has been selected.

Figure 17: Create a Hotel Information App, Information Landing Page section

Below is an example of what the configuration selections shown in Figure 17 look like when published.
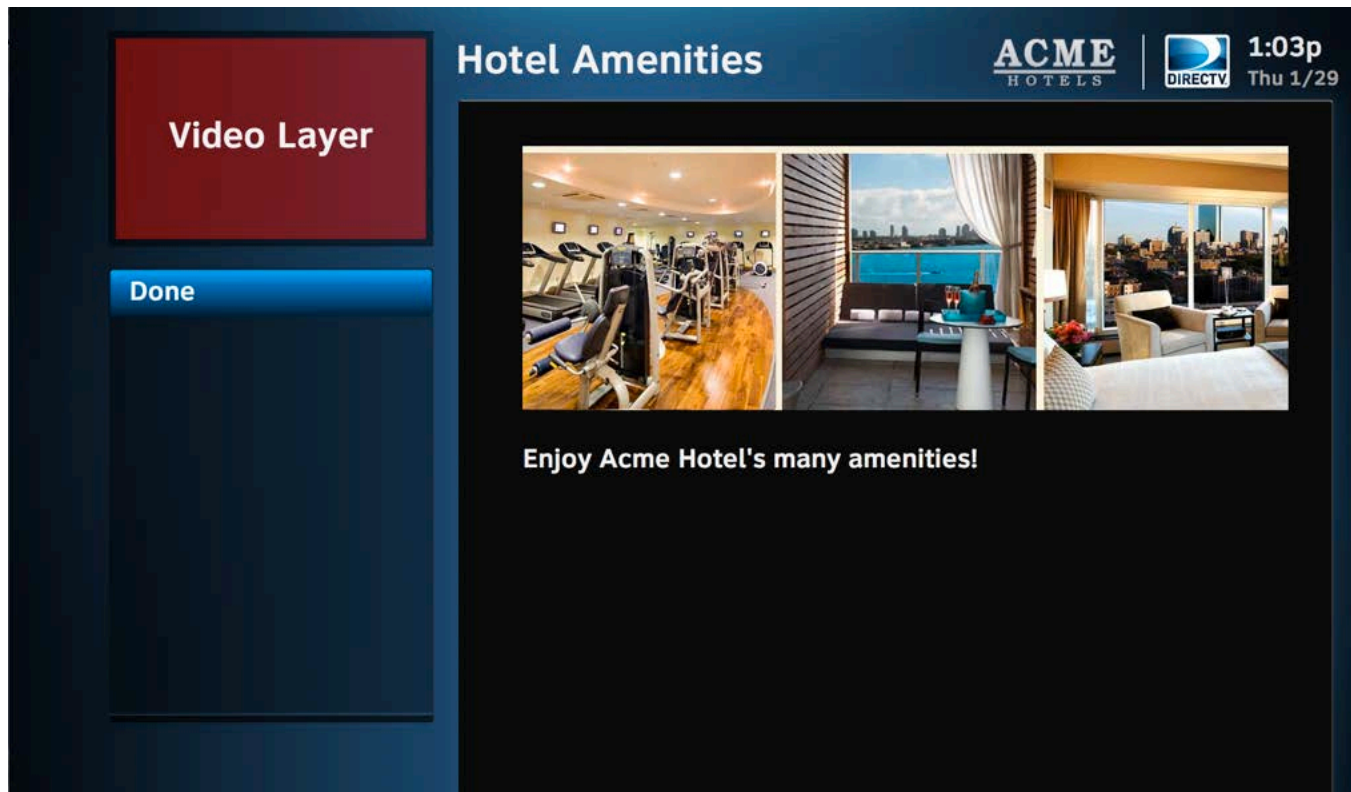
Figure 18: Hotel Information App, Published Landing Page

4.3.3 Add Additional Information (Child) Pages to the Hotel Information App

A Hotel Information app can contain multiple individual *sub-pages*, each with its own distinct content.

On the Hotel Information app creation page (pictured in Figure 16 above), click the "page [x] of hotel info" checkbox to enable each additional Hotel Information "child" page. For each additional Information Page, the same layout options are available: Text Only, Image Only, or Text and Image.

Figure 19: Add "Child" pages to a Hotel Information App

Each additional child page that is enabled will appear in a published Hotel Information app's Landing Page in the left menu as shown below:

Figure 20: A Published Hotel Information app Layout with Child Pages

When selected by a hotel guest, a Hotel Information app's Child page appears in a new screen as in the example pictured below.
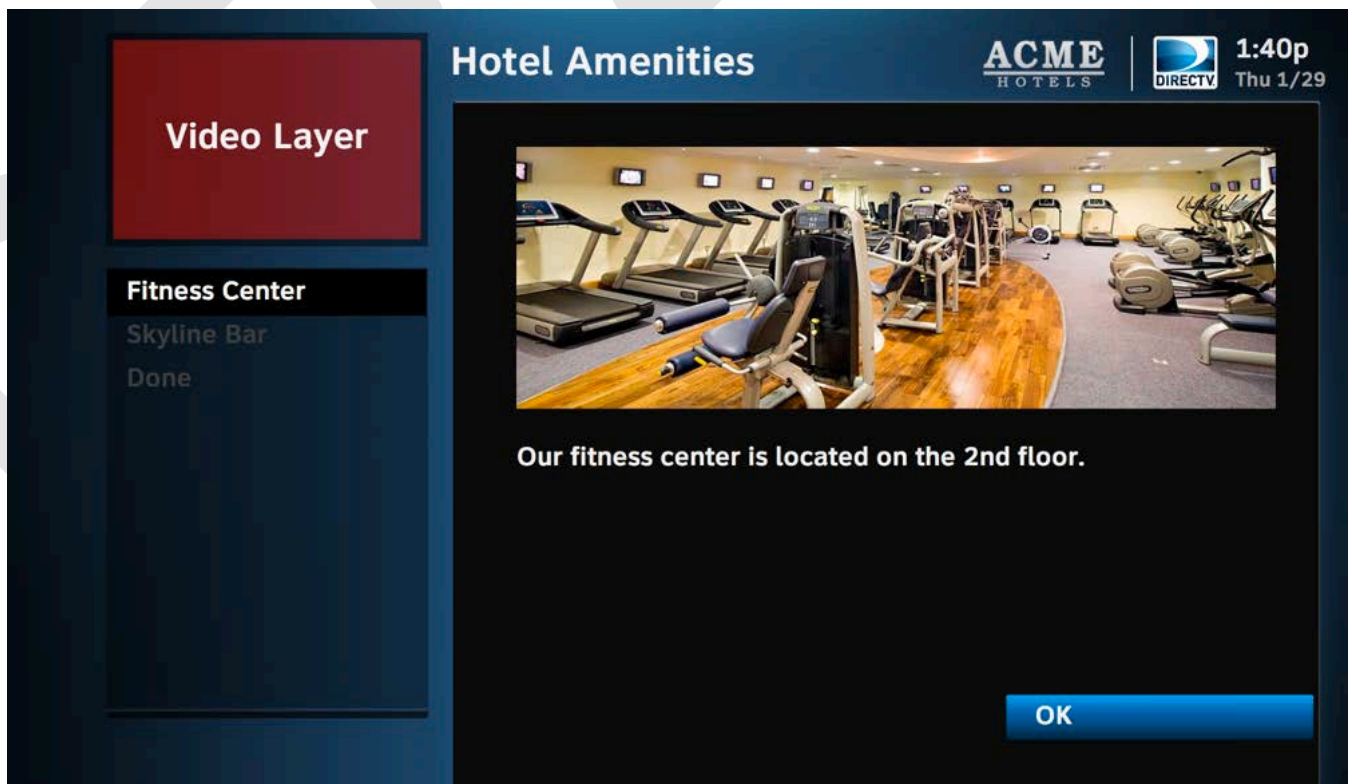
Figure 21: A Published Hotel Information app Child page

4.3.4 Complete and Save a Hotel Information App Layout

At the top of the Hotel Information app Creation Page (see Figure 16 above), click the Save button to return to the main App Configuration screen (see Figure 15 above) where you can check the status of your newly created app: If on the main App Configuration screen you see the status of your newly created Hotel Information app as "In-progress," it means that some aspect of the App Configuration was not completed (i.e. that one or more of the fields were not filled in) and thus that the app configuration **will not** be available for selection when creating a custom Welcome Screen Layout as covered in section 4.2 above.

Name	Status	Last Updated	Action
Hotel Information	In-progress	2014/10/07	

Figure 22: App Configuration Screen showing newly created app as In-progress

If the status is listed as "completed," it means that you have successfully filled in all required fields on the configuration page, and thus your newly created Hotel Information app configuration **will be** available for selection when updating a Welcome Screen layout.

Name	Status	Last Updated	Action
Hotel Information	Completed	2014/10/07	

Figure 23: App Configuration Screen showing newly created app as Completed

4.4 Add the New Hotel Information App to a Guest Welcome Screen Layout

Now that you have created your Hotel Information app, you can add it as an icon to the main Guest Welcome Screen layout.

Select the Manage Layouts tab to access the Welcome Screen Layout to which you wish to add your newly created Hotel Information App and click on either the layout name or the edit icon in that layout name's row.
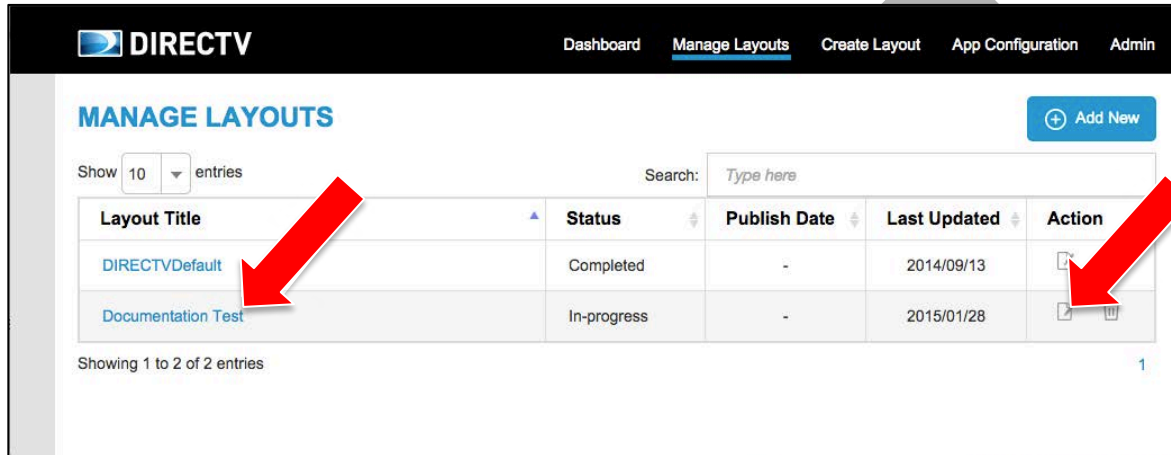
Figure 24: Manage Layouts Tab

This will take you to that Layout's Dashboard Layout edit screen.

Next, scroll to the bottom of the page and, for the icon location where you want your new Hotel Information app displayed, select "DRE Info–Multiview" as the app type and then select the configuration you have created, which if properly completed (see section 4.3.4 above) will be available from within the drop down menu in the second column.
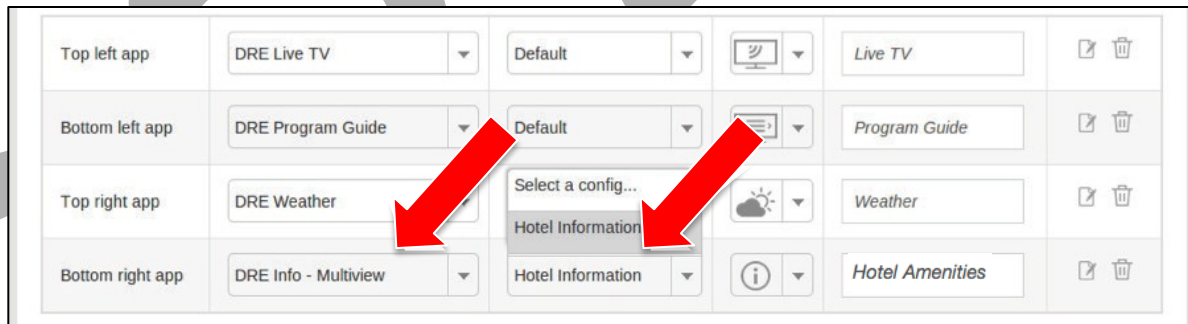
Figure 25: Dashboard Layout, DRE Info-Multiview Hotel Information App Selected

Scroll back up to the top of the page and click the Save button to save the updated layout. As outlined in section 3.3 above, next click the Publish button and then the Publish to Production button to complete the deployment of your new updated layout that now includes a Hotel Information app.

4.5 Configure and Add a Folio Review/Checkout app to the Welcome Screen

To add the Folio Review/Checkout app to the Guest Welcome Screen, access the App Configuration tab of the Configuration Tool.

Please note the Folio Review/Checkout App will only function if the MCS interfaces with the PMS system installed at the property.
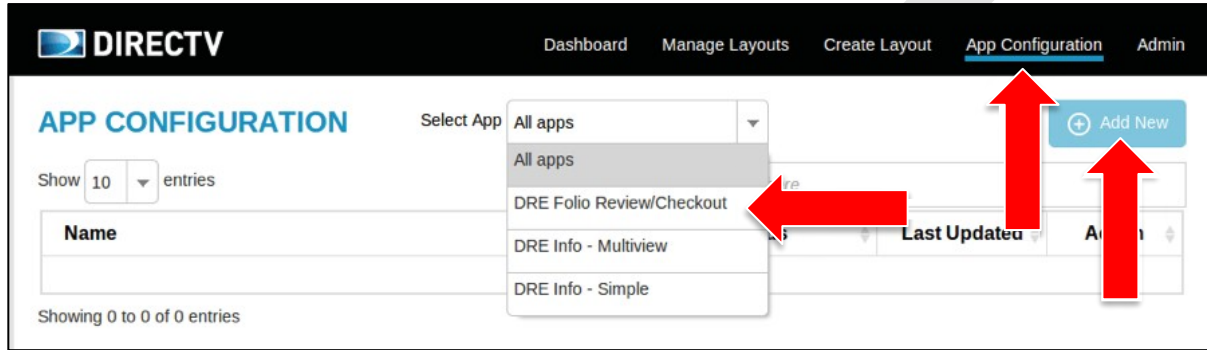
Figure 26: App Configuration Tab

Select "DRE Folio Review/Checkout" from the Select App drop down menu and then click the "(+) Add New" button to be taken to the DRE Folio Review/Checkout app creation screen.
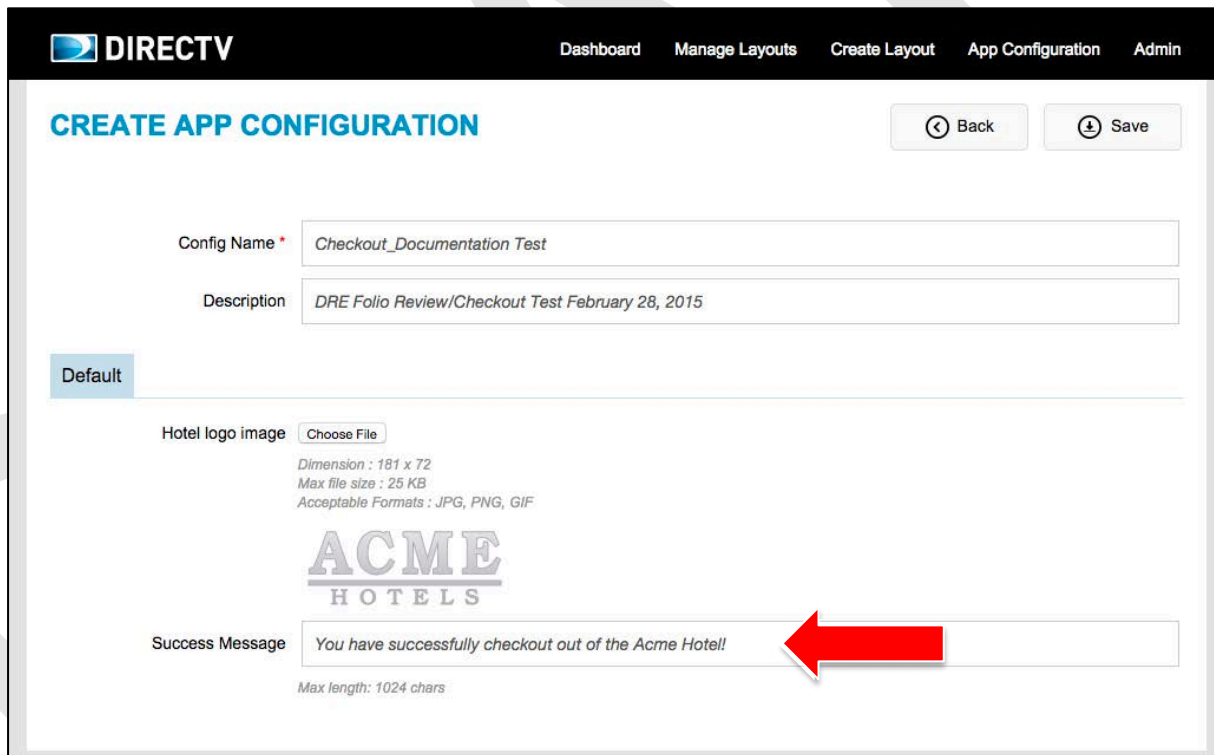
Figure 27: Create App Configuration Screen

With the help of hotel management, determine what message should be displayed to the guest upon a successful checkout. Type this message into the "Success Message" field and then save the application.

Return to the Dashboard Layout, scroll to the bottom of the page and for the icon location where you want a Folio Review/Checkout app to appear, select DRE Folio Review/Checkout as the app type and then select the configuration you have just

Top left app	DRE Live TV ▾	Default ▾	▾	Live TV
Bottom left app	DRE Info - Simple ▾	Simple Text App Test ▾	ⓘ ▾	Text Only Announem
Top right app	DRE Folio Review/Checkou ▾	Select a config... ▾	▾	Folio Review/Checko
		Select a config...		
Bottom right app	DRE Info - Multiview ▾	Checkout_Documentation Test	ⓘ ▾	Hotel Amenities
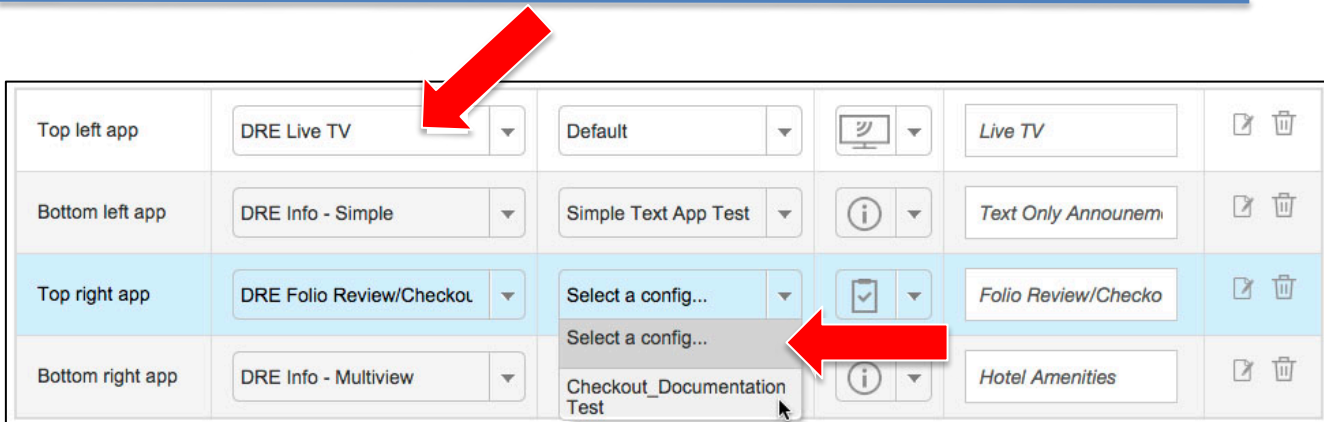
Figure 28: Add a Configured DRE Folio Review/Checkout app to a Custom Welcome Screen Layout

created.

5. DRE Welcome Screen Configuration Tool - Advanced Uses and Options

This section describes the Configuration Tool's uses and capabilities in more detail. Users should refer to this section to understand the various functions of the Tool not covered previously in this document. Some possible error messages and troubleshooting tips are also discussed.

5.1 Logging in to the DRE Welcome Screen Configuration Tool via the MCS System

The Welcome Screen Configuration tool is accessed by first logging in to the MCS System.

If your username and password cannot be authenticated, you will see the following error:
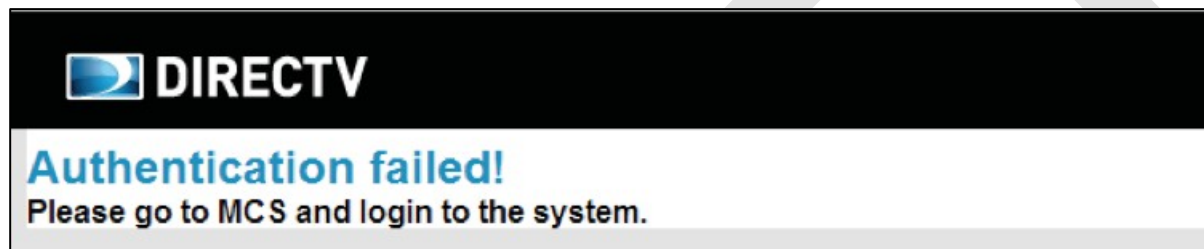
Figure 29: MCS Login Authentication error

Once you have entered a valid MCS username and password, you will be re-directed to the DRE Welcome Screen Configuration Tool.

Sessions will timeout after 30 minutes of inactivity.

5.2 Configuration Tool Functions Menu

A menu of tabs is displayed across the top of every page of the Configuration Tool. Click on a tab to access that function of the tool. The currently displayed tab is underlined in blue.
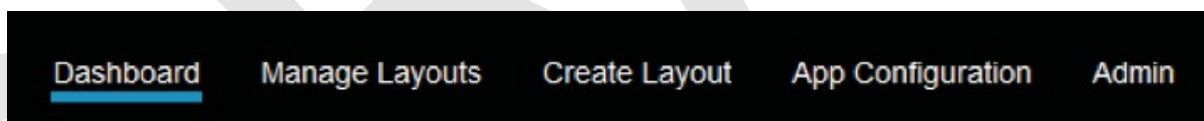
Figure 30: Configuration Tool Functions Menu

5.3 The Dashboard Tab

The Dashboard is the first page you see when you access the Welcome Screen Configuration Tool from the MCS system. The top part of the dashboard displays information about the ***currently active*** layout. If there is no active layout, this section will be empty.

Figure 31: Dashboard Tab, Active layout

Notice the two buttons in the upper right of the screen.

- Click the "(+) Add New" button to create a new Welcome Screen layout.

  This is useful when a hotel or property wants to have multiple Welcome Screens available to choose from for publication.

- Click the Copy button to create a new layout where all content options are identical to the currently displayed layout.

  This is useful if you want to create an alternate additional Welcome Screen that is based on, and thus very similar to the currently displayed Welcome Screen Configuration.

The five most recently saved Layouts are listed at the bottom of the dashboard. You can click on any one of these layouts to load it into the Configuration Tool for editing.

Saved Layouts	Publish Date	Last Updated
Christmas *Active*	2014/06/18	2014/06/17
Summer *Completed*	2014/06/13	2014/06/13
Spring *Completed*	2014/06/17	2014/06/13
New season *Completed*	-	2014/06/13
Park Hyatt *In-progress*	-	2014/06/11

Figure 32: Five most recently saved layouts

5.4 The Manage Layouts Tab

A user can view a list of all previously saved layouts by selecting the Manage Layouts menu.

Figure 33: Manage layouts Menu Selection

Figure 34: Manage Layouts Menu

The list of saved layouts is displayed in this tab alphabetically by layout name. You can change this order by clicking on the arrow on the right side of the header of each column. Thus, layouts can be displayed in order by Title, Status, Publish Date or Last Updated.

Enter a term in the Search box and hit enter to filter the list of layouts so that only those layouts matching your search term are displayed. The entered search term will be matched for data in all columns. Thus, for example, you could enter a date (e.g. 2014) to show all layouts that include that date as part of their Last Updated attribute or their name. Or, type in "In-Progress" to see a list of all layouts whose status is In-Progress.

Layouts are shown 10 per page. Page navigation is located at the bottom-right corner of the table.

The layout description (if applicable) will be shown when the user hovers their pointer over a layout title in the Layout Title column.

To edit a Layout, click on a layout title or on the edit icon ⬛, located next to the layout tile in the Action column.

Delete a Layout completely by clicking on the delete Icon 🗑 in the Action column.

Status indicates the current state of the layout, which can have one of three values:

- **In-Progress**—The layout is saved but some customizations have not been configured (e.g., a text field is blank or a configuration has not been chosen for an app that has been assigned to that layout).

- **Completed**—The layout is saved and ALL customizations are configured. Only layouts in this state can be published.

- **Active**—This layout has been published to the production system and is the Guest Welcome Screen app showing in guests' rooms. There can be only one active layout at any time.

5.4.1 Unable to Create New Layout ("Template Unavailable")

From within several screens in the Config Tool, you can select to add a new layout. However, if the "dashboard app" has not been properly loaded into the DRE Welcome Screen config tool software, you will see the following message:

Template unavailable!
Please go to Admin page and upload a tarball for DRE Dashboard template.

Figure 35: Template unavailable

The dashboard app is loaded from within Admin tab of the Config Tool, covered in section 5.6.2 of this document.

5.5 The App Configuration Tab

This tab shows a table listing all apps that have been created on the system and are thus available to be integrated into Welcome Screen layouts.

By default, the table is organized alphabetically by app name. A user can choose to sort by a different column, however, by clicking on that column's header. Thus, apps can be displayed in order by Name, Status, or Last Updated.
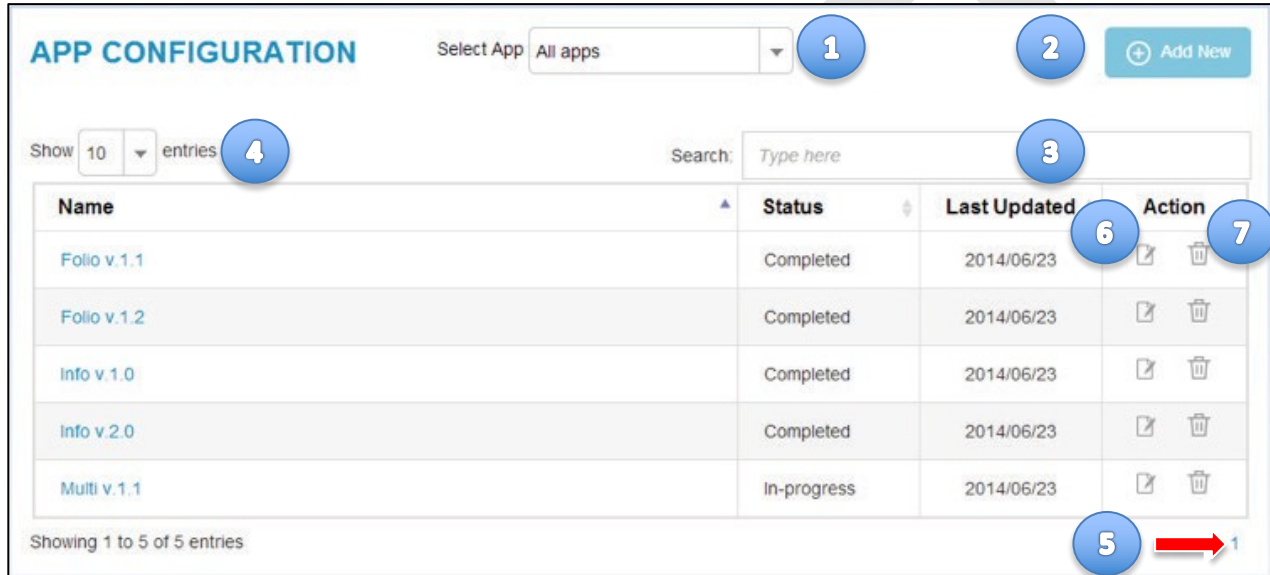
Figure 36: App configuration

1. Use the "Select App" type drop down to filter the list of apps listed on the page. Select to display:
   - All Apps (default)
   - only DRE Folio Review/Checkout apps
   - only DRE Info – Multiview apps
   - only DRE Info - Simple apps

2. Click the "+ Add New" button to be taken to the app creation page (covered in section 5.5.1 below). Note that this button will be "grayed out" and thus inactive unless one of the three DRE app types has been selected from the drop down described in item 1 above. When "+ Add New" is clicked, the system assumes you want to create a DRE app of the type currently selected from the "Select App" drop down.

3. Enter a term in the Search box and hit enter to filter the list of apps to only those with attributes matching your search term. The entered keyword will be matched for data in all columns.

4. You can direct the system to list 10, 25, 50 or 100 apps per page.

5. Quickly scroll through pages of the list of app configurations by clicking on the page number that's displayed just below the lower right hand corner of the table.

6. To edit an app's configuration, click on the app name or on the edit icon (⬚) in the Action column for the row containing the app name.

7. Delete an app completely by clicking on the delete Icon (🗑) in the Action column for the row containing the app name. An app cannot be deleted if it is currently included in a saved Welcome Screen layout.

5.5.1 Create App Configuration

After clicking on "+ Add New" on the App Configuration screen, you are taken to a "Create App Configuration" screen.

The type of "Create App Configuration Screen" you are taken to corresponds to the app type selected in the drop down menu described in item 1 of the previous section of this document. Thus, for example, if "DRE Info – Simple" was selected from the Select App drop down list on the App Configuration screen, when you click "+ Add New," you are taken to a Create App Configuration Screen for "DRE Info – Simple"-type apps.

Figure 37: Create new app configuration

1. Click the "Back" button to exit out of this screen and return to the previous one without saving any changes you've made.

2. Click the "Save" button once you have filled out all required fields, made all selections, and uploaded all requested files on the page. Your app configuration will be saved to the system and you will be returned to the App Configuration screen.

3. Enter a name for this app configuration. This is the name that will appear in the table described in section 5.5 above. It is also the name that will appear in the drop down lists at the bottom of a Welcome Screen dashboard layout page as described previously in this document in section 4.2.4.

4. (Optional) Enter a description of this app configuration. This description serves as a note about- or explanation for- the existence of this app configuration. Descriptions appear as pop up windows in the app configuration screen when the mouse pointer is hovered over the corresponding app configuration name.

5. Even though you can successfully save an incomplete configuration, you must fill out all required fields, make all selections, and upload all requested files on this screen and *then* save it in order for the app configuration to be available for selection in a Welcome Screen dashboard layout.

5.5.2 Edit an App Configuration

When, from the App Configuration screen described above in section 5.5, you click on an app name or on the edit icon (🖉) in the Action column for the row containing the app name, you are taken to the Edit App Configuration screen.
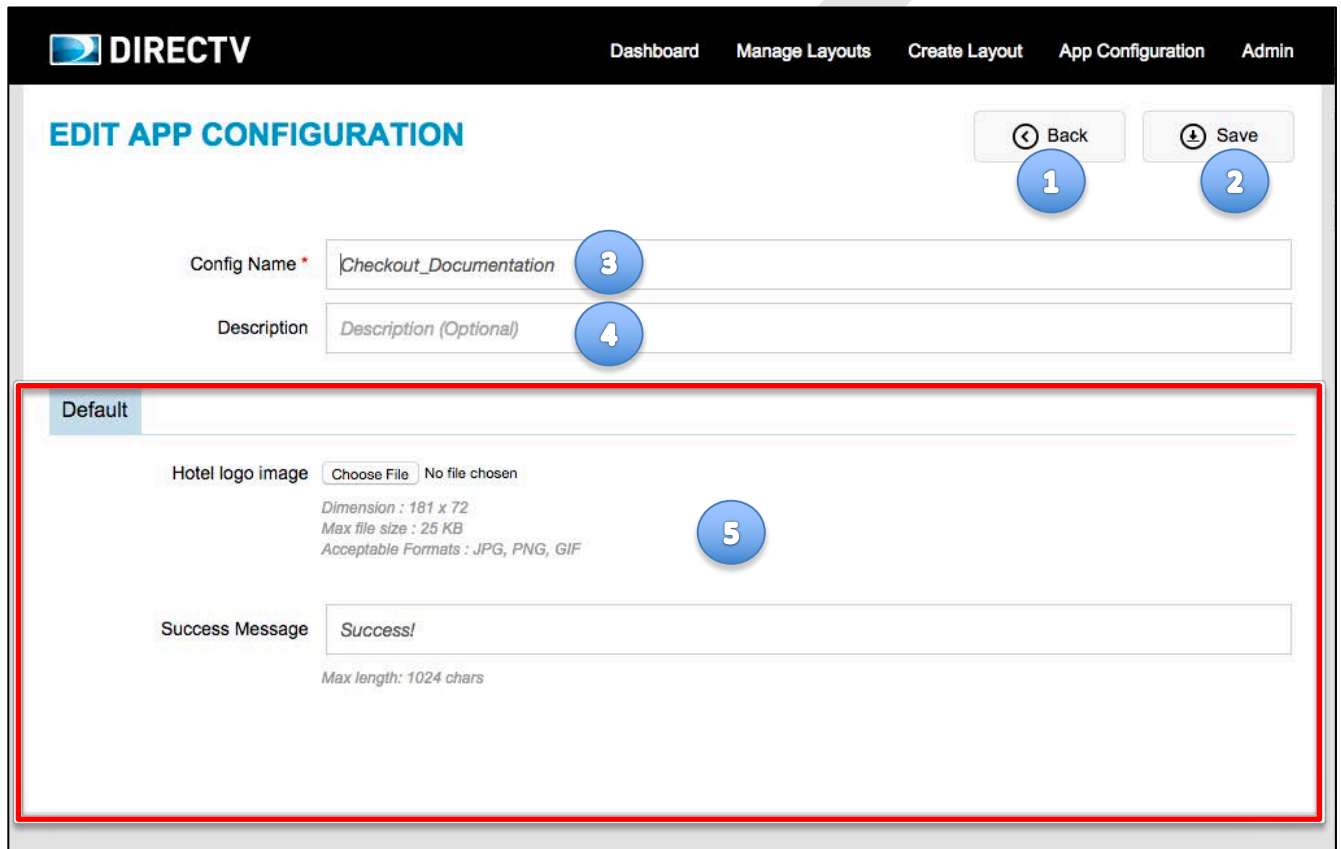

Figure 38: Edit app configuration

1. Click the "Back" button to exit out of this screen and return to the previous one without saving any changes you've made.

2. Click the "Save" button once you have filled out or made changes to all required fields, made all selections, and uploaded all requested files on the page. Your app configuration will be saved to the system and you will be returned to the App Configuration screen.

3. Edit the name for this app configuration. This is the name that will appear in the table described in section 5.5 above. It is also the name that will appear in the drop down lists at the bottom of a Welcome Screen dashboard layout page as described previously in this document in section 4.2.4.

4. (Optional) Enter or edit the description of this app configuration. This description does not appear anywhere else in the Config Tool except this page and thus serves as a note about- or explanation for- the existence of this app configuration.

5. Even though you can successfully save an incomplete configuration, you must fill out all required fields, make all selections, and upload all requested files on this screen and *then* save it in order for the app configuration to be available for selection in a Welcome Screen dashboard layout.

5.6　The Admin Tab

On the Admin tab you can:

- Configure a publish location
- Backup/Restore data
- Manage default app templates

Figure 39: The Admin Tab

5.6.1 Publish Configuration

Here you can configure the locations where both your Production and Test Welcome Screen Layouts are published to.

Figure 40: Publish configuration

For "Production URL," enter the web address the property's STBs are configured to draw their DRE Welcome Screen data from.

For "Test Base URL," enter the web address where Test Welcome Screen configurations should be published to. Use the test URL in conjunction with a web browser to preview Welcome Screen layouts before publishing them to production.

Click Save to apply your changes.

5.6.2 Data Backup/restore

The backup feature allows you to backup and/or restore system configuration data. Backups are saved to (and restored from) a Tarball-type archive file.

Figure 46: Data backup/restore

When restoring system configuration data, after you have selected the tarball archive you wish to restore from, the system will prompt you for confirmation to continue.
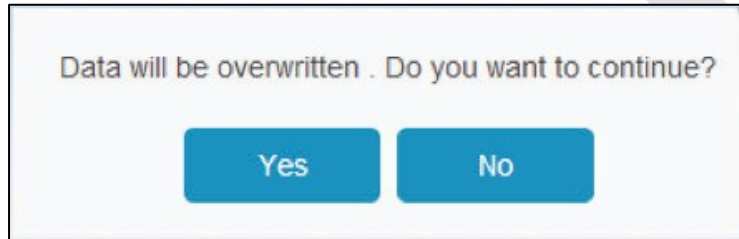

Figure 47: Data restore—confirmation

While restoring data, you will see the following progress notification:

Figure 48: Restore in progress

If the Tarball archive fie containing your system configuration backup is invalid or corrupt, an error will be displayed.
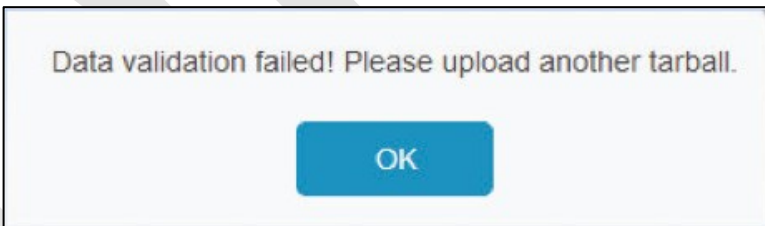

Figure 49: Invalid Tarball Archive File

5.6.3 App Management

Under App Management you can view the list of default app configuration templates loaded into the system. You can also delete app configuration templates or upload new ones.
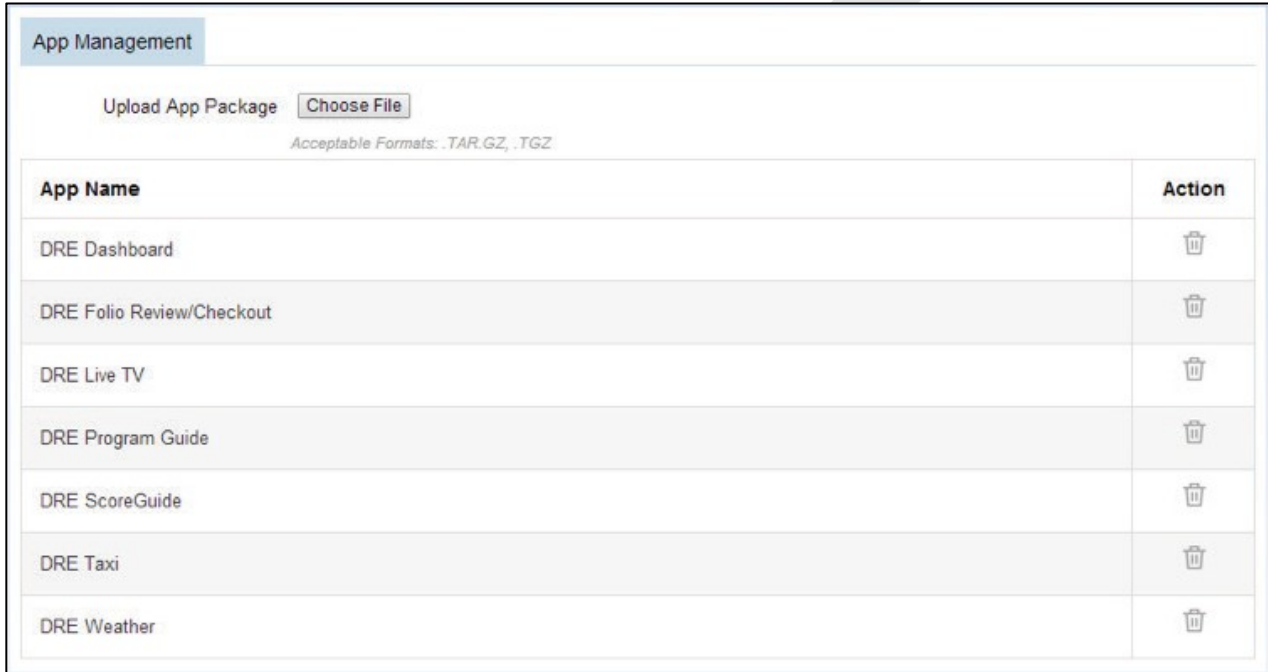
App Management		
Upload App Package Choose File		
Acceptable Formats: .TAR.GZ, .TGZ		
App Name		**Action**
DRE Dashboard		🗑
DRE Folio Review/Checkout		🗑
DRE Live TV		🗑
DRE Program Guide		🗑
DRE ScoreGuide		🗑
DRE Taxi		🗑
DRE Weather		🗑

Figure 41: App Management

To upload a new app configuration template (or re-upload an existing one), click the "Choose File" button next to "Upload App Package." A navigation pop up appears which you can use to point the system to a tarball-type archive file that contains your desired app configuration template.

If the upload is successful, the app configuration template name list will be updated to include your new addition and a confirmation pop up window will appear similar to the one pictured below.
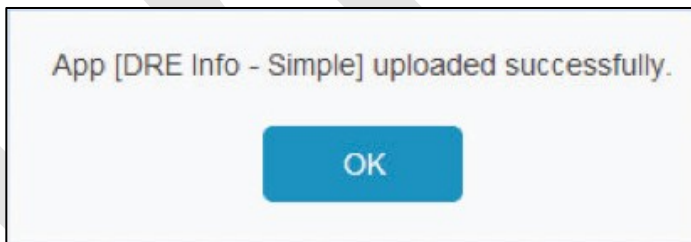
App [DRE Info - Simple] uploaded successfully.

OK

Figure 42: App upload successful

If you upload a new version of an existing app configuration template, then the system will perform a check to determine whether the new version affects any saved data (i.e. app configurations or layouts) in the system. If the system detects such an affect, then the below message will be displayed:
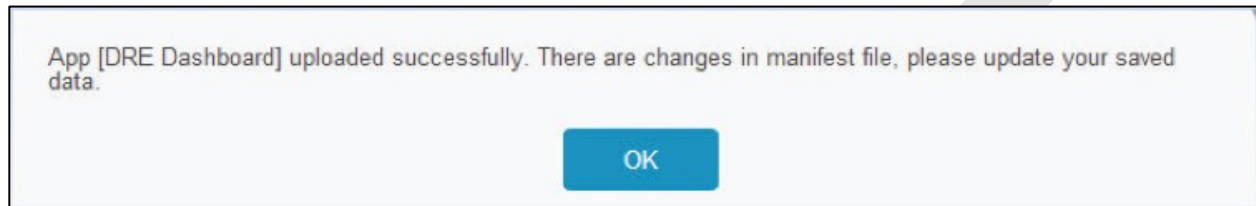
App [DRE Dashboard] uploaded successfully. There are changes in manifest file, please update your saved data.

OK

Figure 43: Manifest changed warning

Click "OK" for the system to update any saved data to match the new app configuration template.

You can delete an app configuration template by clicking on the delete icon to the right of the app configuration template name in the list. However if a Welcome Screen layout currently saved in the system is *using* that app configuration template, then the system will not allow you to delete it and the following message will be displayed:
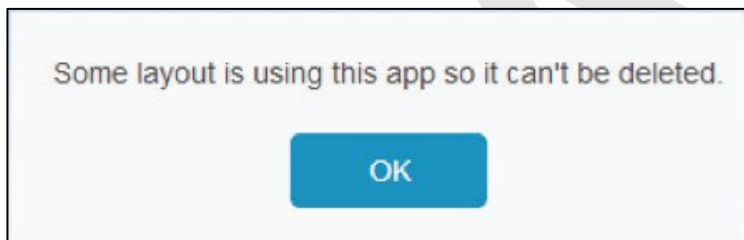
Some layout is using this app so it can't be deleted.

OK

Figure 44: App deletion failed

Appendix A — System Properties

This section lists some of the system properties defined in the environment file and what each property represents.

dbhost	Specifies the address of the DB server
dbuser	Specifies the user ID to connect into DB
dbpass	Specifies the user password to connect into DB
datadir	This is the root of data-storing location. All the business data of Configuration Tool can be found here.
outputdir	This is a sub directory of datadir. It defines the parent path to store the precompiled resources for publishing.
documentroot	This property defines the location on the web server to publish the output package.
dashboardrootpath	This is the location of dashboard app on the web server This is a subfolder of document root.
appsrootpath	This is the location of apps on the web server. This is a subfolder of document root.
username	User for remote login via ssh to deploy layout
privatekeyfile	RSA private key file for ssh user
checkSession	To enable/disable authentication gateway
sessionTimeOut	The inactivity time to put the current session to expire
app.webroot	Webroot of Configuration Tool when running
port	Server port