

# OZONE Overview

## Content Management & App Building

## Agenda

Introduction

OZONE App Definition

My Apps Window

App/Page Manager Buttons

Discover More & Create New Apps

Share an App

Summary



- OZONE Points of Contact:
  - <https://groups.google.com/forum/#!forum/ozoneplatform-users>
  - <http://area51.stackexchange.com/proposals/82636/ozone-platform>

- **OZONE Defined:**
  - OZONE is a framework that allows users to find, customize, create and share applications they need to do their jobs.
- **OZONE allows Users to:**
  - **Use/Run** Applications created or added from the Store
  - **Manage** Applications and App Components
  - **Create** new Applications
  - **Share** Applications with the Store
  - **Customize** App layouts
  - **Organize** App Components in your Applications



- **OZONE Applications (Apps):**
  - An OZONE App is a screen where a user dictates (for the most part)
    - which application components to load
    - which layouts to use
    - the arrangement of the app components

- **Purpose:**
  - This tutorial explains how to **create, customize and manage** OZONE Apps.



- **System Requirements:**
  - **Supported Application Server:**
    - Apache Tomcat 7
  - **Supported Databases:**
    - MySQL

\* Oracle, PostgreSQL and SQL Server will be tested in future releases.
  - **Supported Browsers:**
    - Internet Explorer 7 & 9
    - Firefox 17
    - Chrome 25

# My Apps Window



# Find Tools



Click My Apps

My Apps | App Components | Store | ?

OZONE Widget Framework

Doc Admin

### Channel Listener

**Channel Subscriptions**

|  |

**Active Channels**

**Activity Log**

|  |

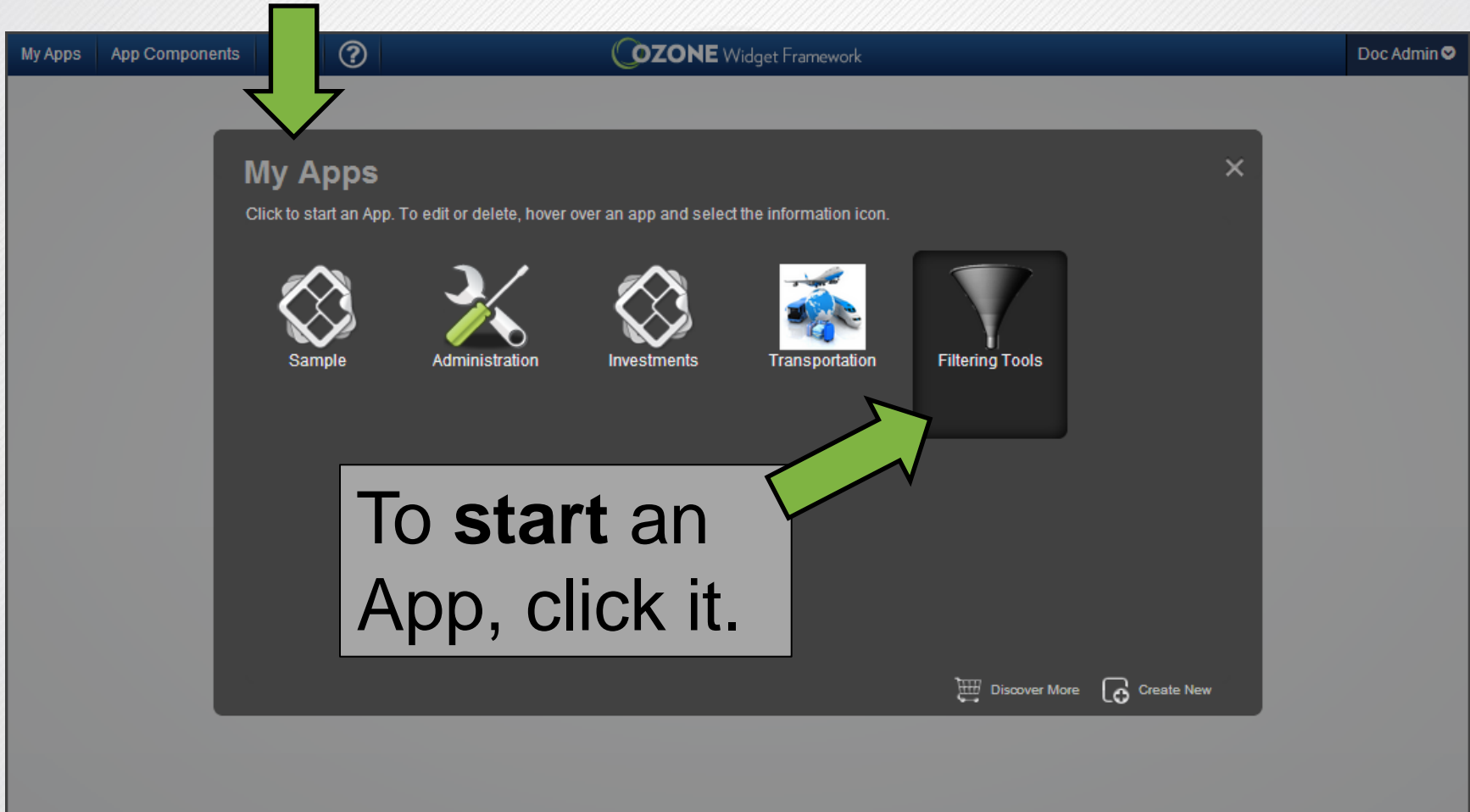
Date	Channel	Message
------	---------	---------

### Channel Shouter

Channel:

Message:

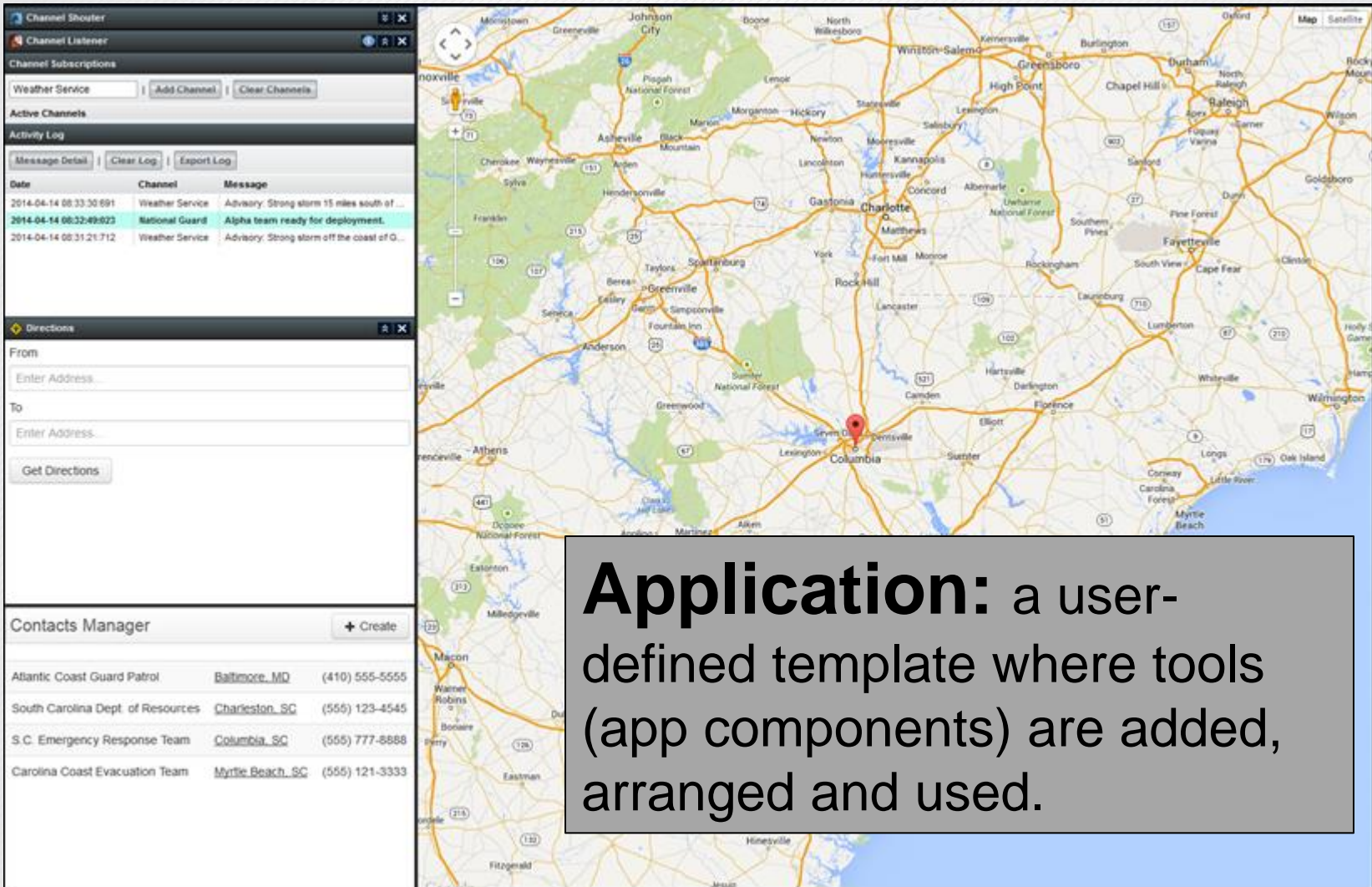
# My Apps displays the user's applications



The screenshot displays the 'My Apps' section of the OZONE Widget Framework. The top navigation bar includes 'My Apps', 'App Components', a help icon, the 'OZONE Widget Framework' logo, and a user profile 'Doc Admin'. The 'My Apps' panel contains a list of applications with icons and labels: 'Sample' (grid icon), 'Administration' (wrench and screwdriver icon), 'Investments' (grid icon), 'Transportation' (airplane icon), and 'Filtering Tools' (funnel icon). A text box at the bottom right of the panel says 'Discover More' and 'Create New'. A green arrow points to the 'My Apps' title, and another green arrow points to the 'Filtering Tools' application icon.

**To start an App, click it.**





**Channel Shooter**

**Channel Listener**

**Channel Subscriptions**

Weather Service | Add Channel | Clear Channels

**Active Channels**

National Guard

**Activity Log**

Message Detail | Clear Log | Export Log

Date	Channel	Message
2014-04-14 08:33:30.691	Weather Service	Advisory: Strong storm 15 miles south of ...
2014-04-14 08:32:49.823	National Guard	Alpha team ready for deployment.
2014-04-14 08:31:21.712	Weather Service	Advisory: Strong storm off the coast of G...

**Directions**

From  
Enter Address...

To  
Enter Address...

Get Directions

**Contacts Manager** + Create

Atlantic Coast Guard Patrol	Baltimore, MD	(410) 555-5555
South Carolina Dept. of Resources	Charleston, SC	(555) 123-4545
S.C. Emergency Response Team	Columbia, SC	(555) 777-8888
Carolina Coast Evacuation Team	Myrtle Beach, SC	(555) 121-3333

**Application:** a user-defined template where tools (app components) are added, arranged and used.


# My Apps Manager Buttons

**My Apps** ✕

Click to start an App. To edit or delete, hover over an app and select the information icon.



Sample



Investments



Defender



Transportation



Atlas



The Network



Atlantis



Mission Critical


**Defender** ✕




This is the Defender Application. It contains tools related to each branch of the military useful for defending a terrorist threat.



Add Page



Push to Store




Restore




Edit



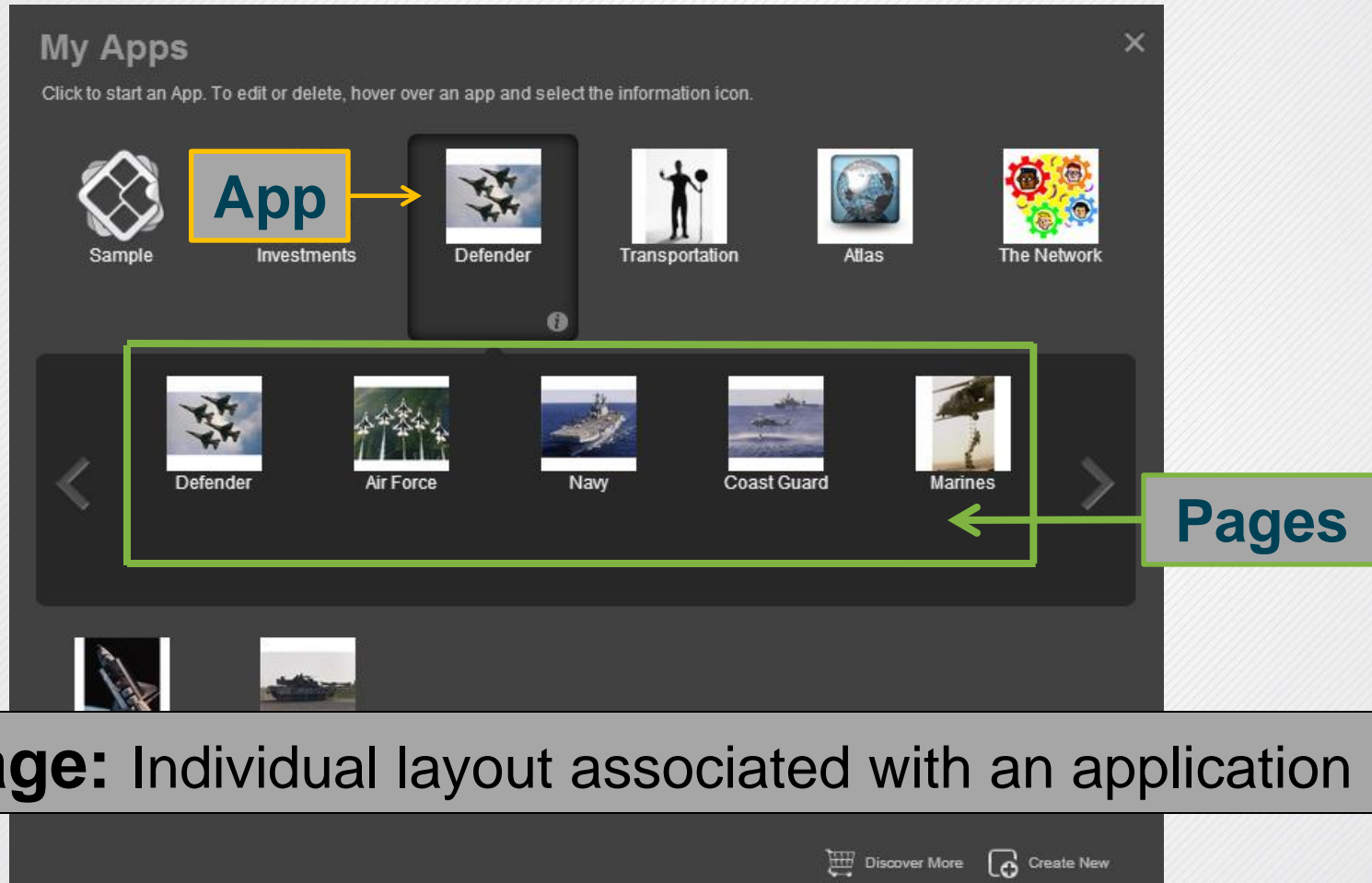
Delete

Click the  to view the App's description and manager buttons

 Discover More  Create New



## Some Applications have Pages:



**My Apps**

Click to start an App. To edit or delete, hover over an app and select the information icon.

Sample Investments Defender Transportation Atlas The Network

Defender Air Force Navy Coast Guard Marines

**Pages**


Discover More Create New

**Page:** Individual layout associated with an application


# App Page Details

## My Apps


Click to start an App. To edit or delete, hover over an app and select the information icon.




Sample




Investments




Defender




Transportation




Atlas




The Network




Defender




Air Force



Navy




Coast Guard




Marines


### Navy




The Navy page provides users with the most powerful Navy analytic tools. Manage Navy missions and get up to date information on Navy resources.



Restore



Edit



Delete

**Page description and manager buttons**



# Application/Page Manager Buttons

Your status as an App Owner or a User will determine what functions you can access.

- **Owner** — Creator of the application. Owners have access to **all** manager functions.
- **User** — A User who has access to the application, but did not create it. Users have access to only **select** manager functions.



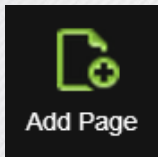
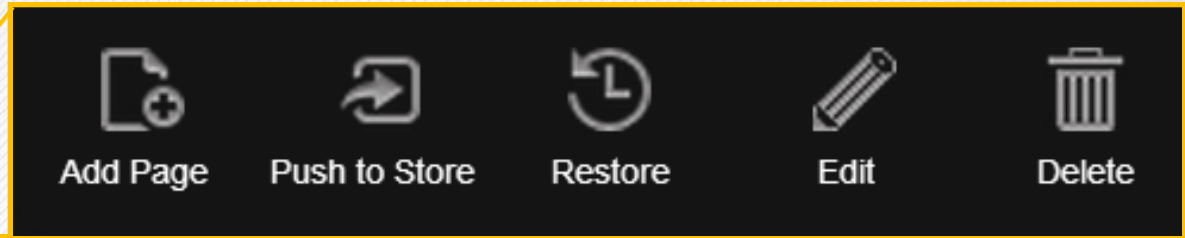
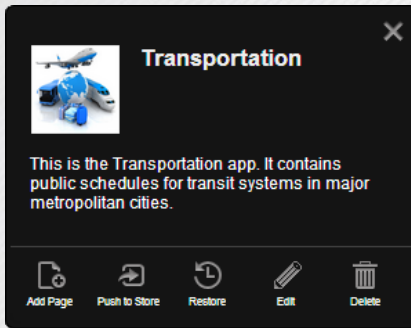
# Application Manager Buttons

Click the App info icon.

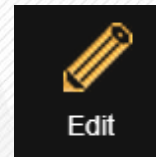


If you are the App Owner, you will have access to additional functions.

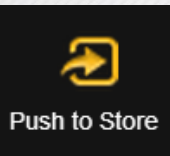
# Application Buttons - Owner



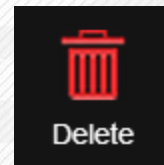
**Adds a page to the application**



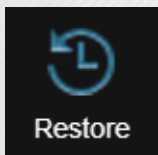
**Edits the application's title, icon URL, description and layout**



**Pushes the application to the Store**



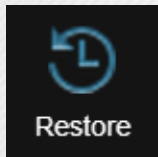
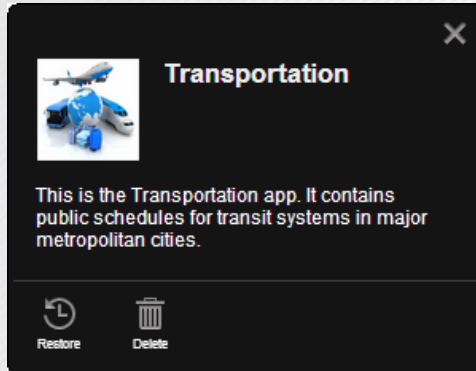
**Deletes the application from OWF**



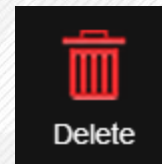
**Restores the application to its current default state**



# Application Buttons - User

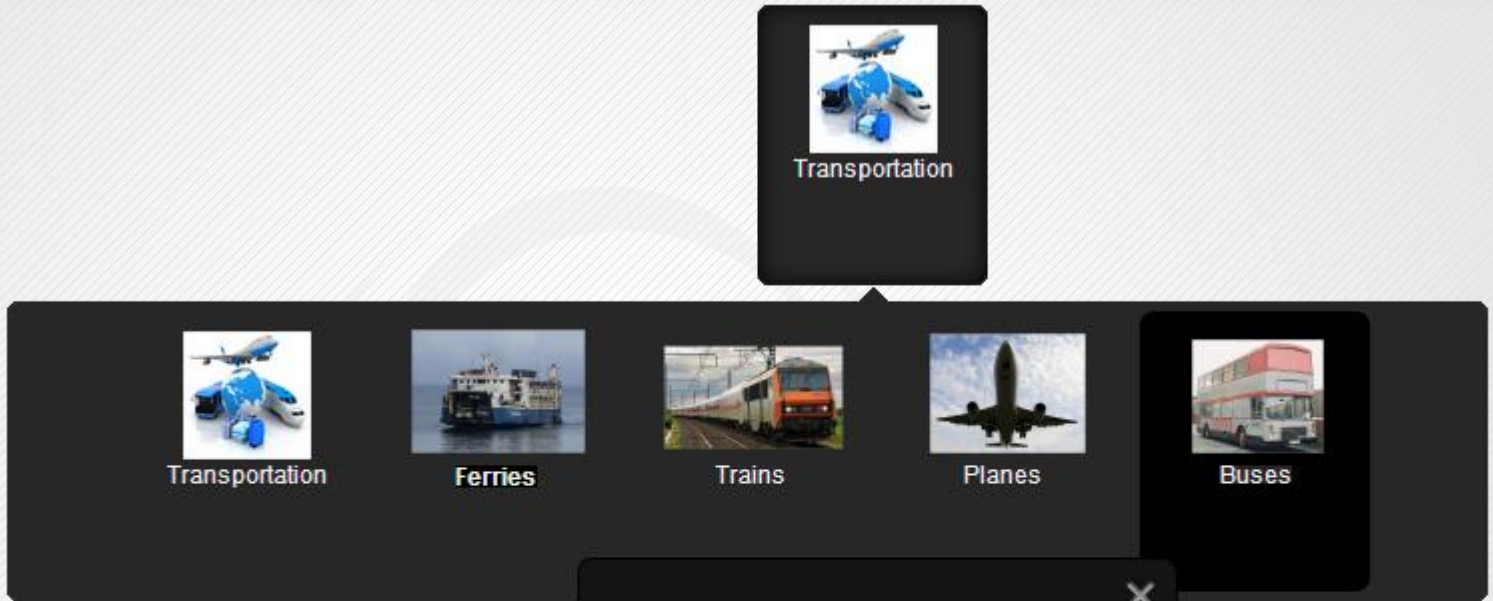


**Restores the application to its current default state**



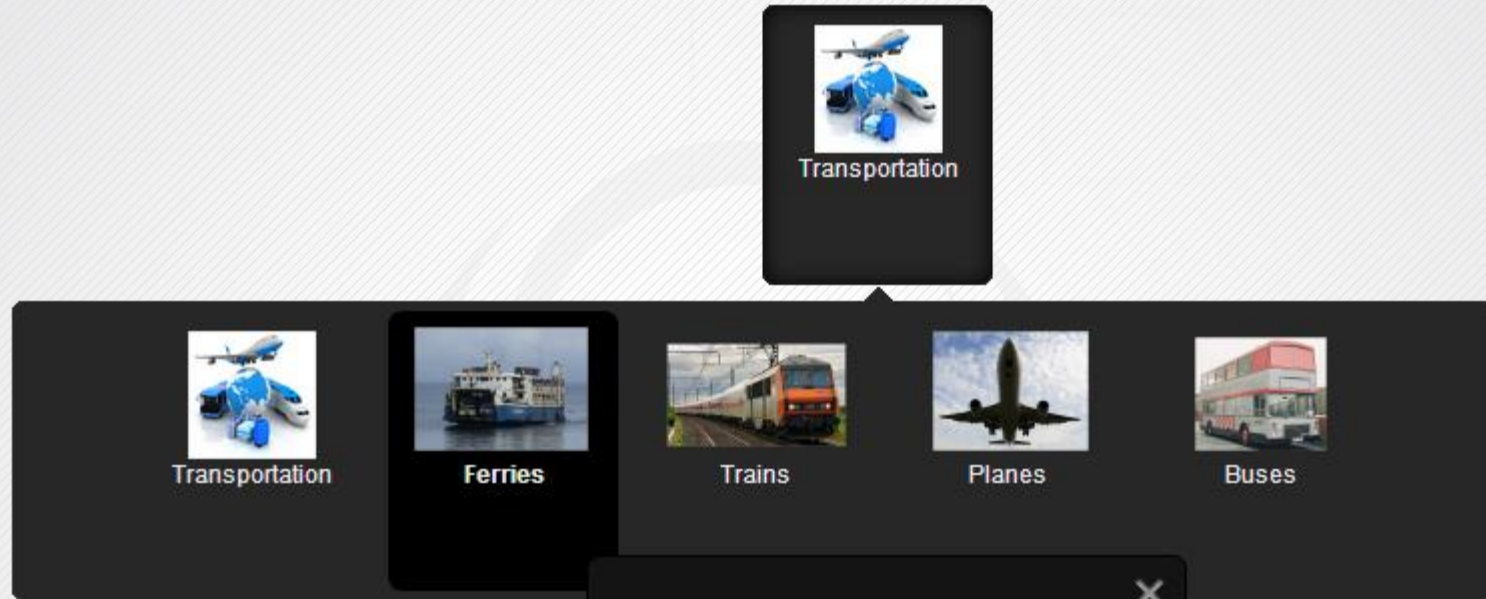
**Deletes the application from OWF**

# Page Buttons - Owner



**Owners can Restore, Edit and Delete pages**





**Users can only  
Restore pages**



# Add a Page



**Owners** can **Add a Page** to their App.



**My Apps**

Click to start an App. To edit or delete, hover over an app and select the information icon.

Sample Investments Defender Transportation Atlas The Network

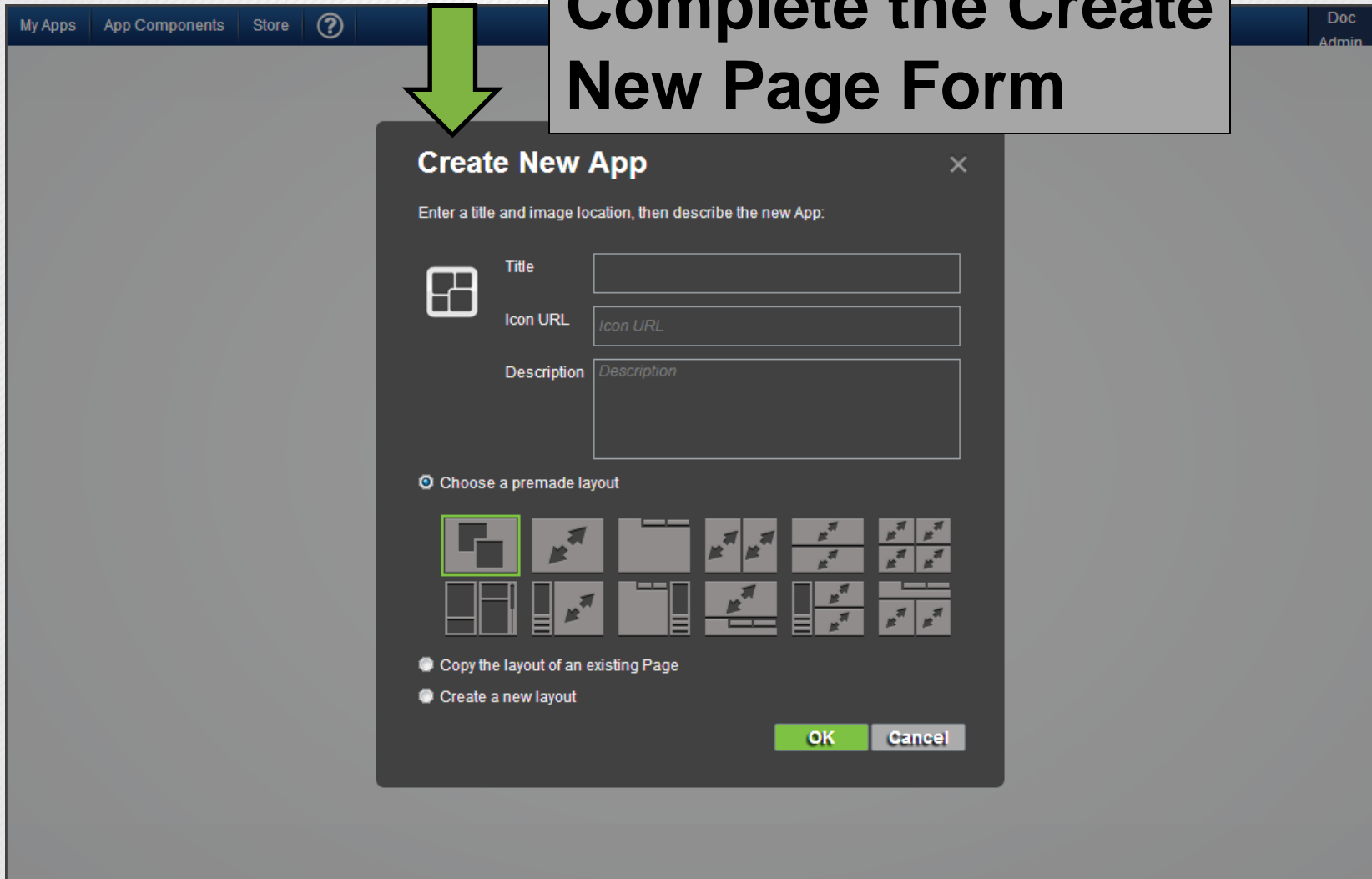
**Atlas**

This is the Atlas Application.

Add Page Push to Store Restore Edit Delete


**Click Add Page**

## Complete the Create New Page Form



**Create New App** ×


Enter a title and image location, then describe the new App:

 Title

Icon URL

Description

☒ Choose a premade layout



☐ Copy the layout of an existing Page

☐ Create a new layout


**OK** Cancel



# Add a Page

## Create New App

Enter a title and image location, then describe the new App:



Title

Globe


Icon URL


Icon URL


Description


Description


☒ Choose a premade layout














☐ Copy the layout of an existing Page

☐ Create a new layout

OK

Cancel


**Add Title  
(required)**

5/28/2015

25

## Create New App

Enter a title and image location, then describe the new App:



Title

Globe


Icon URL


<https://example.com/example.png>


Description


This is the Globe Application. It is a tool useful for viewing images and maps throughout the world.


☒ Choose a premade layout
































☐ Copy the layout of an existing Page

☐ Create a new layout

OK


Cancel

**Add Icon  
URL**



## Create New App

Enter a title and image location, then describe the new App:



Title

Globe

Icon URL

<https://example.com/example.png>

Description

This is the Globe Application. It is a tool useful for viewing images and maps throughout the world.

☒ Choose a premade layout

☐ Copy the layout of an existing Page

☐ Create a new layout

OK

Cancel


**Add a  
Description**

**Pick a  
Layout  
Option**



## Create New App ×

Enter a title and image location, then describe the new App:















Title

Icon URL

Description

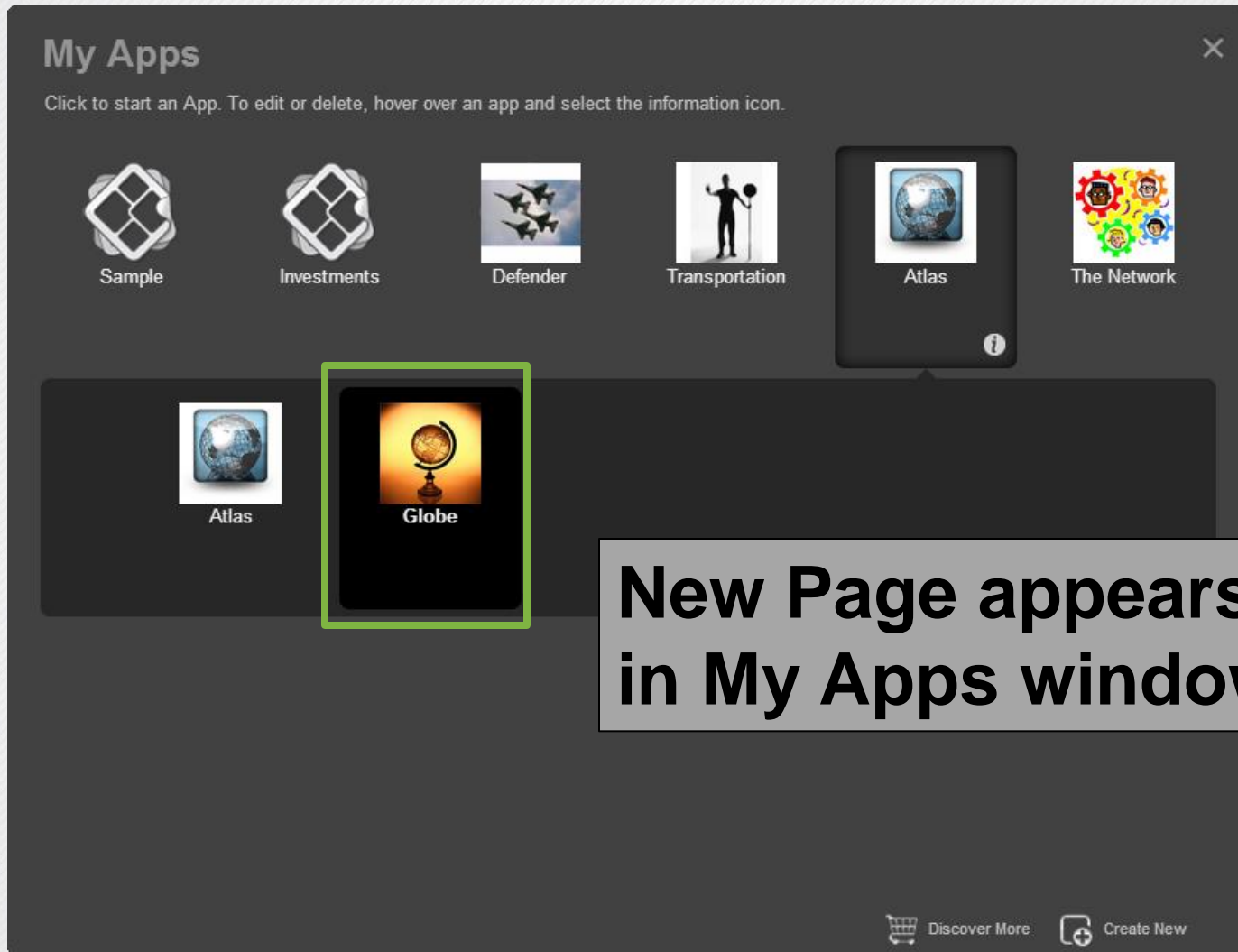
☒ Choose a premade layout



☐ Copy the layout of an existing Page

☐ Create a new layout





Push to Store 



**Owners** can **Push** their App to the Store to make it accessible to other users.



**My Apps**

Click to start an App. To edit or delete, hover over an app and select the information icon.

Sample Investments Defender Transportation Atlas The Network

**Atlas**

This is the Atlas Application.

**Click Push to Store**

Push to Store Restore Edit Delete

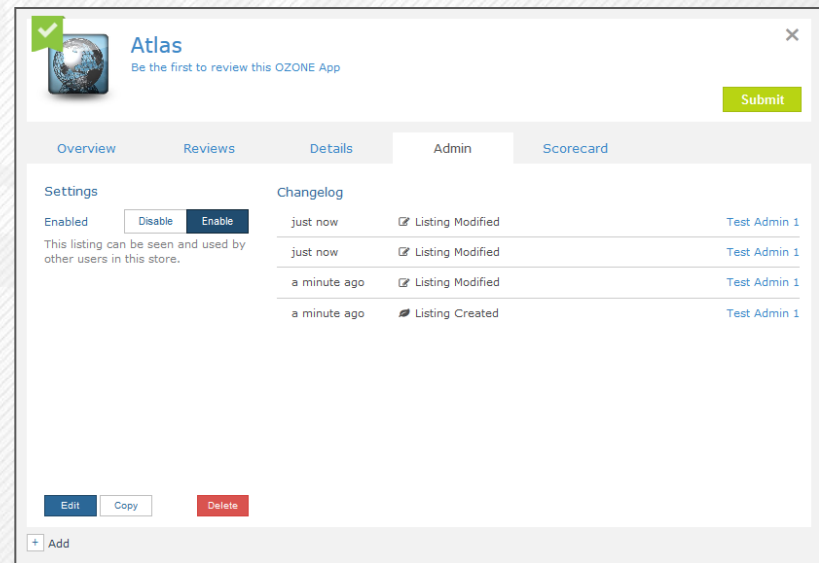
## Click OK.

The user is taken to the Store to the listing's Quick View.



## Click Submit.

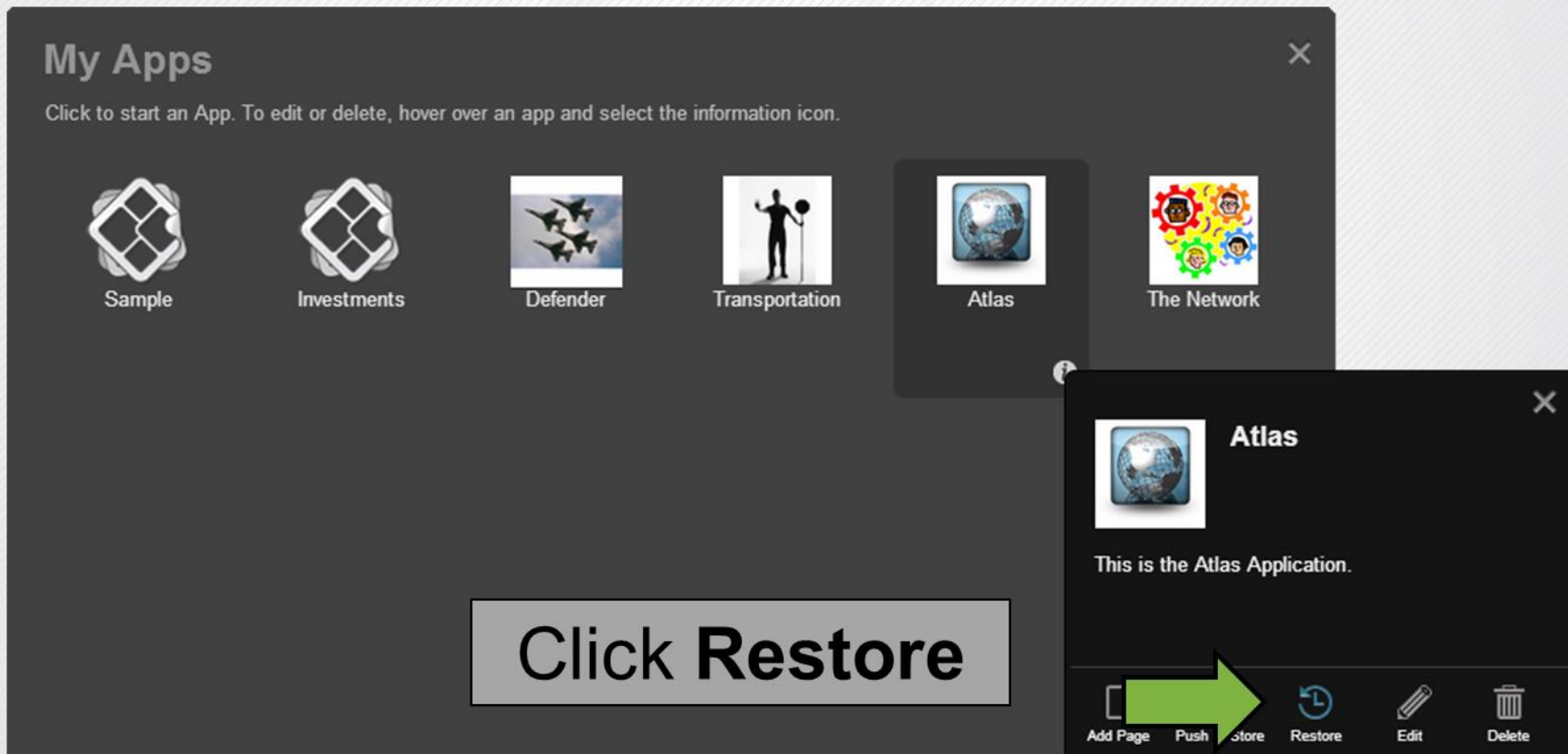
After administrator approval, all Store users can search and discover it.





# Restore

**Owners** and **Users** can **Restore** Apps and Pages to their *Current Default* states.



**My Apps**

Click to start an App. To edit or delete, hover over an app and select the information icon.

Sample Investments Defender Transportation Atlas The Network

**Click Restore**

**Atlas**

This is the Atlas Application.

Add Page Push Store Restore Edit Delete



## My Apps

Click to start an App. To edit or delete, hover over an app and select the information icon.



Sample



Investments



Defender



Transportation



Atlas



The Network

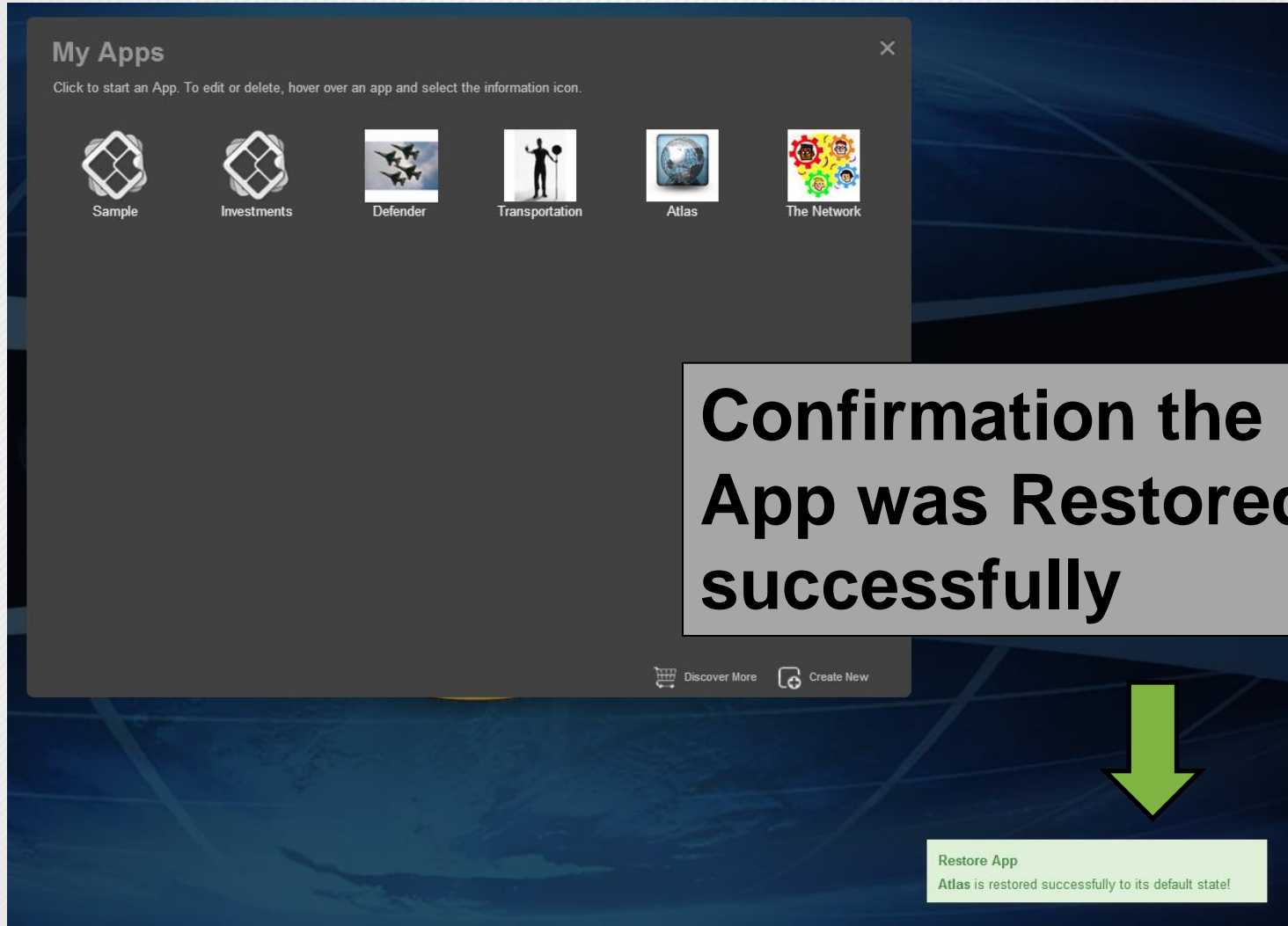
Click OK to delete changes you made to Atlas and restore its default settings.

OK

Cancel

Click **OK**





**My Apps** ×

Click to start an App. To edit or delete, hover over an app and select the information icon.

Sample Investments Defender Transportation Atlas The Network

**Confirmation the App was Restored successfully**

Discover More Create New

**Restore App**  
Atlas is restored successfully to its default state!




Edit 


## Owners can **Edit** their Apps and Pages

### My Apps


Click to start an App. To edit or delete, hover over an app and select the information icon.




Sample




Investments




Defender



Transportation




Atlas




The Network

### Atlas


This is the Atlas Application.




Add Page



Push to Share



Edit



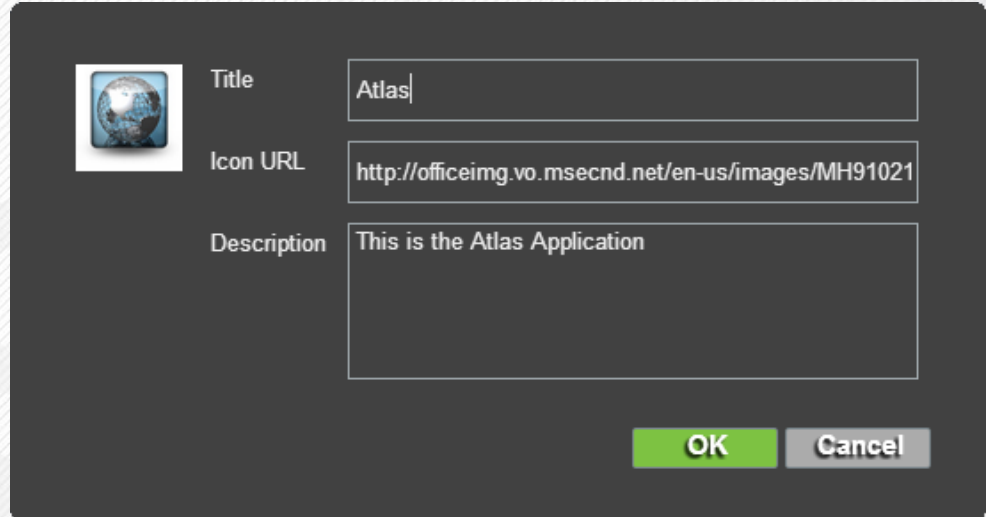
Delete


Click **Edit**



Edit the following (optional):

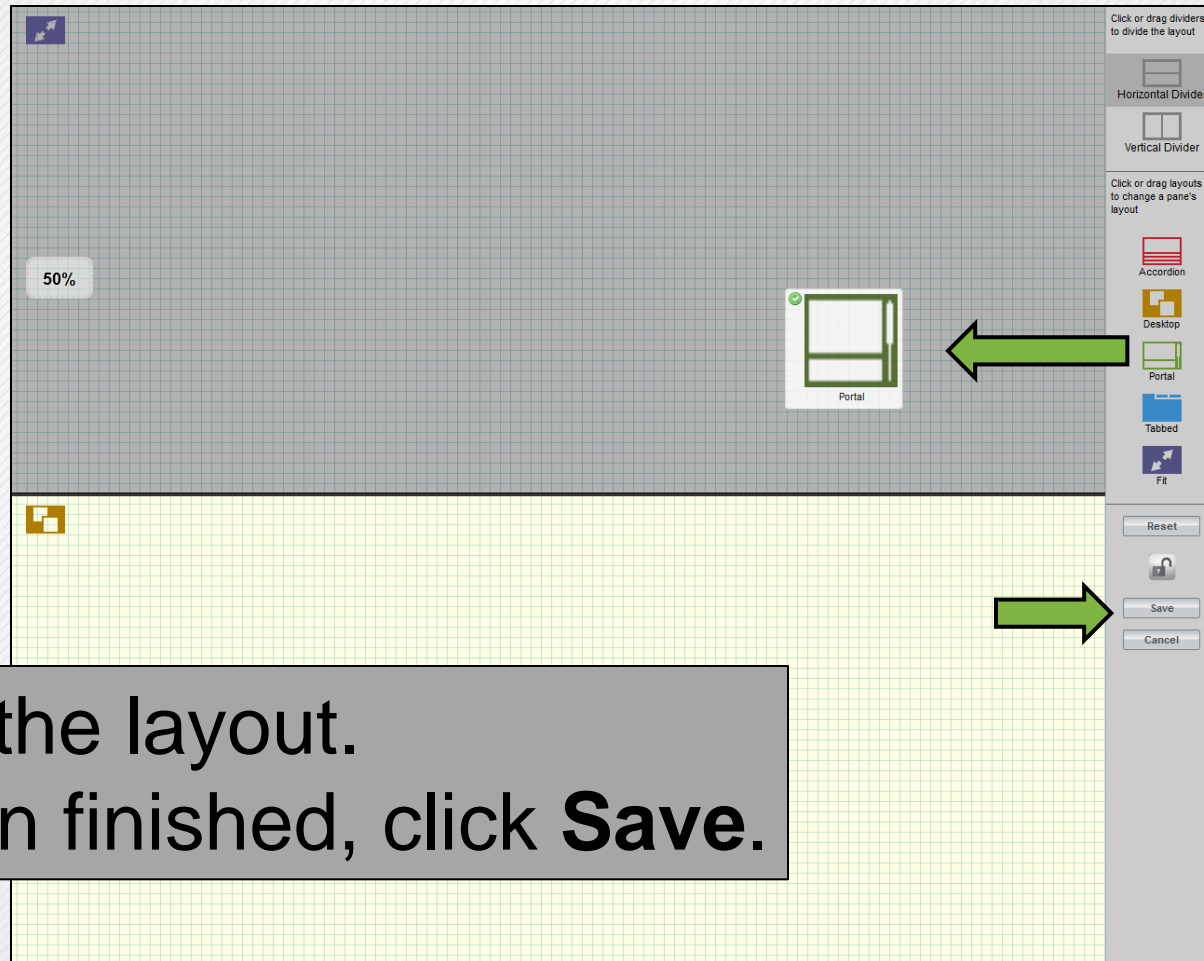
- **Title**
- **Icon**
- **Description**



	Title	<input type="text" value="Atlas"/>
	Icon URL	<input type="text" value="http://officeimg.vo.msecnd.net/en-us/images/MH91021"/>
	Description	<input type="text" value="This is the Atlas Application"/>
		<input type="button" value="OK"/> <input type="button" value="Cancel"/>

When finished, click OK.

The App Builder opens:

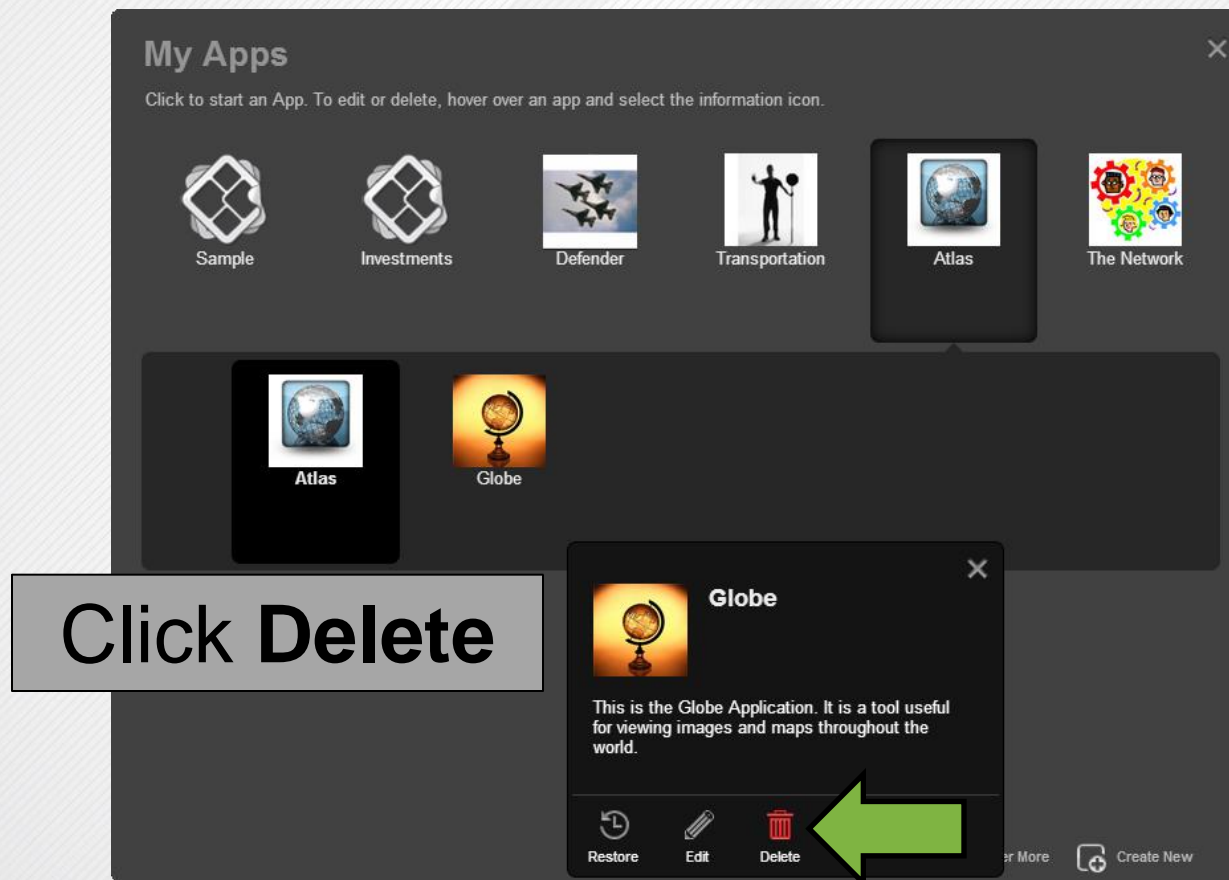


Edit the layout.  
When finished, click **Save**.



Delete 


**Owners** can Delete their **Apps** and **Pages**.  
**Users** can Delete **Apps**.






## My Apps


Click to start an App. To edit or delete, hover over an app and select the information icon.




Sample




Investments




Defender




Transportation




Atlas



The Network



Atlas



Globe


Are you sure you want to delete this Page?


**Click OK** →


[Discover More](#) [Create New](#)


### My Apps


Click to start an App. To edit or delete, hover over an app and select the information icon.


  
Sample

  
Investments

  
Defender

  
Transportation

  
Atlas

  
The Network

[Discover More](#) [Create New](#)

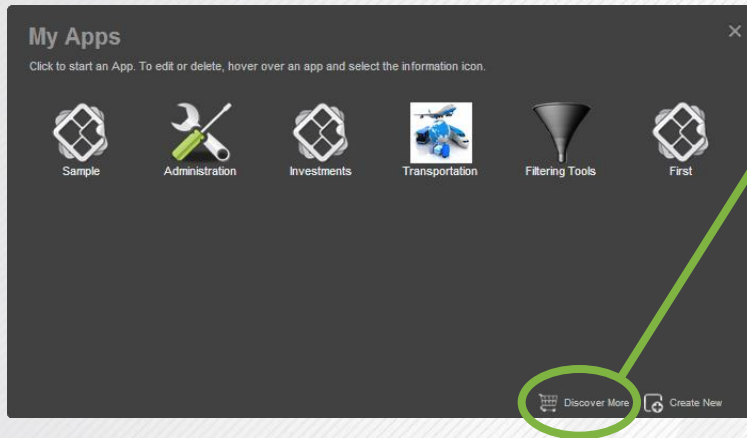
## Confirmation the Page was Deleted successfully

Delete Page  
Globe deleted!

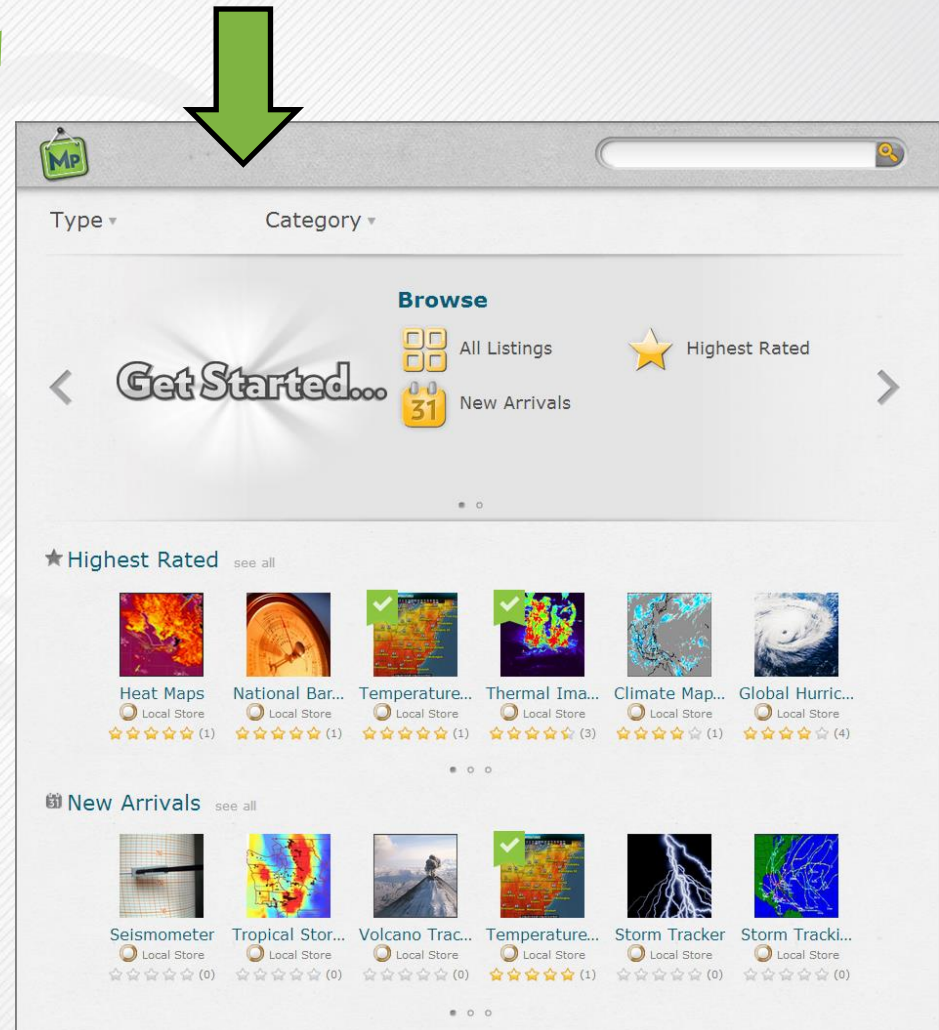


Discover More  
in the Store

# Discover More



- Opens the Store



From here, users can **search** for and **add** listings to their instance of OZONE.

For more information about the Store, see the OZONE Overview Slides.



# Add Listing to OWF



To add a listing from the Store to OWF,

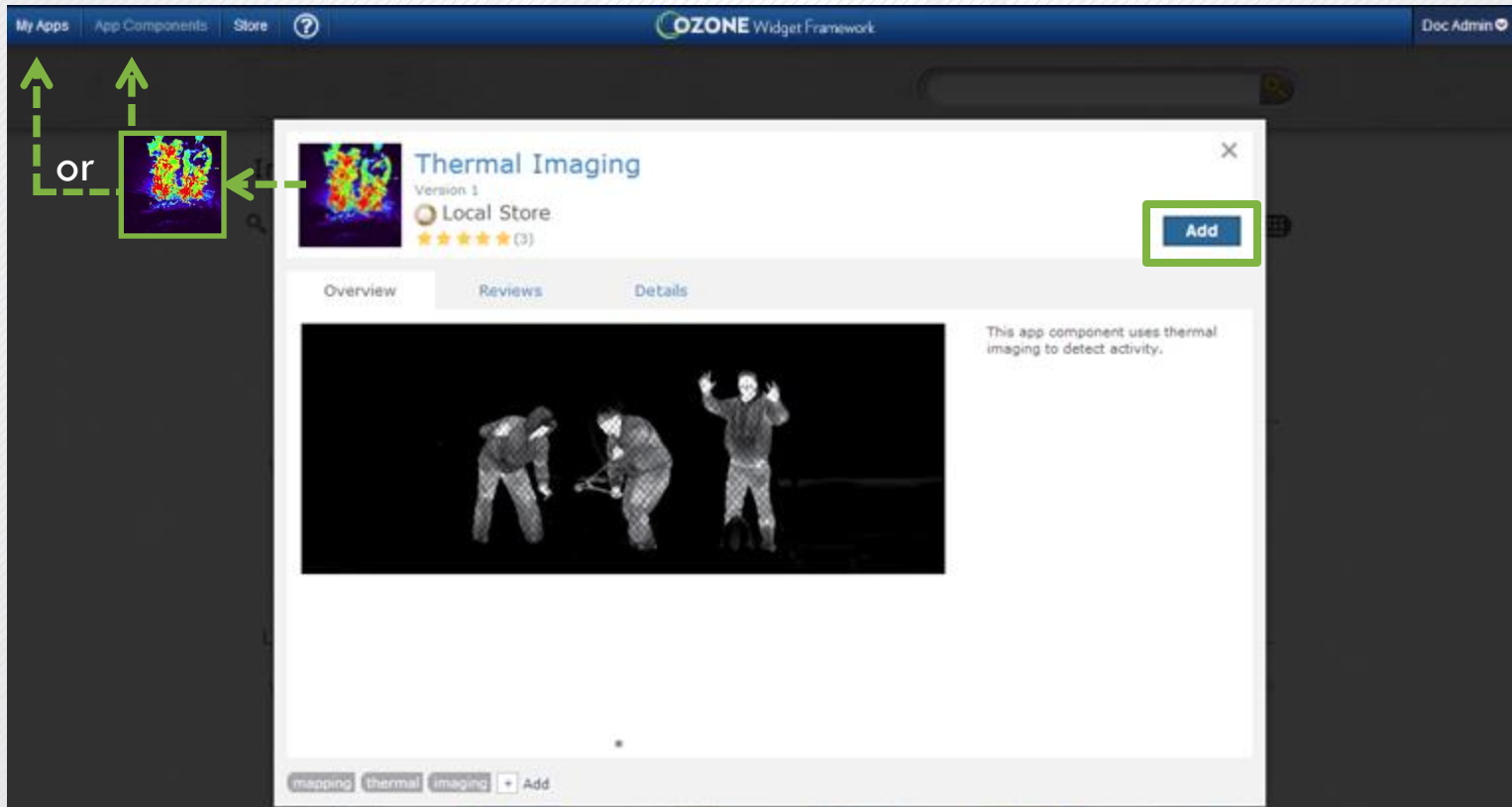
1. Click on the listing icon. The listing Quick View window will open.
2. Click the Add button



# Add Listing to OWF

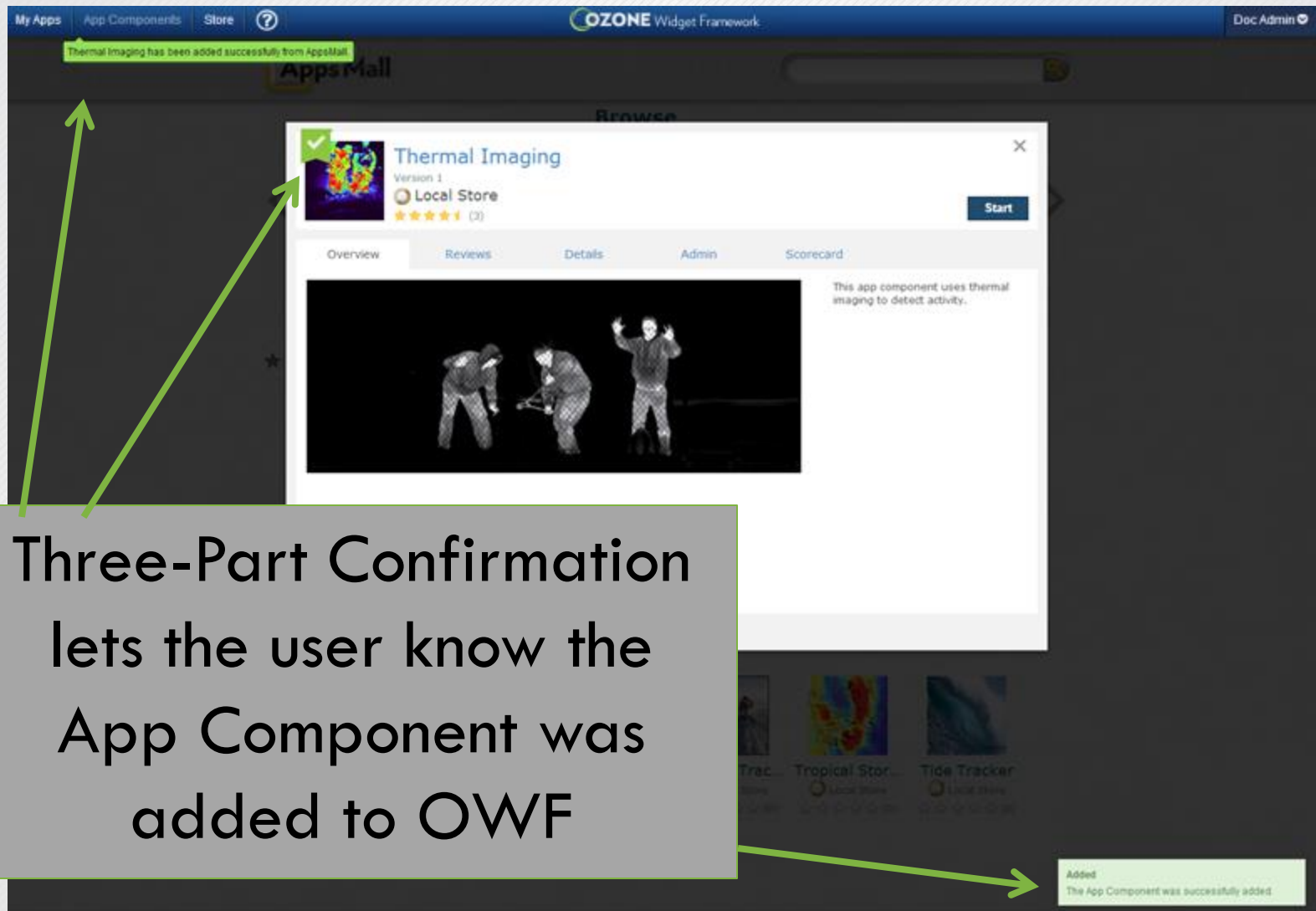


Depending on the listing Type, clicking **Add** on a Store listing adds it to either **My Apps** or **App Components** in OWF.





# Confirmation

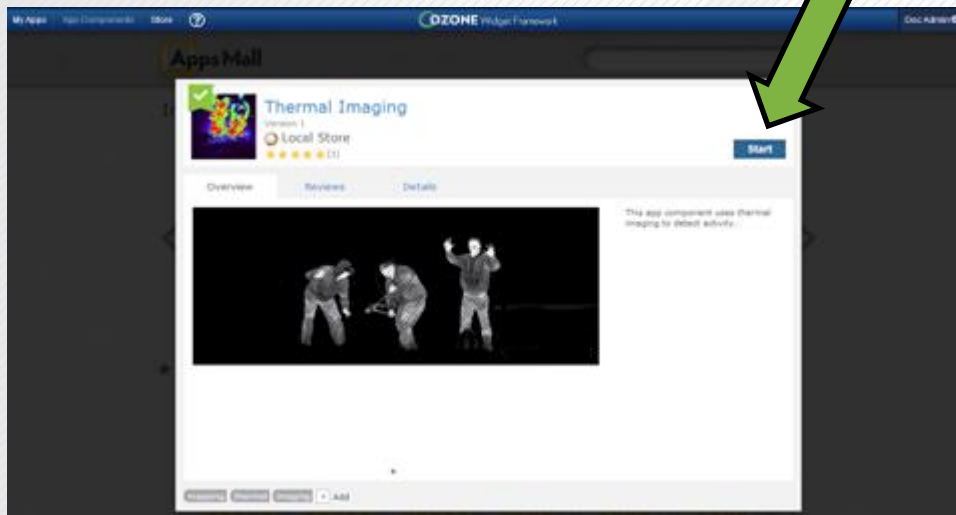


Three-Part Confirmation  
lets the user know the  
App Component was  
added to OWF

# Leaving the Store

Click My Apps

or Click Start



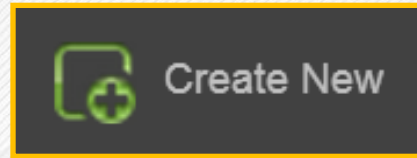
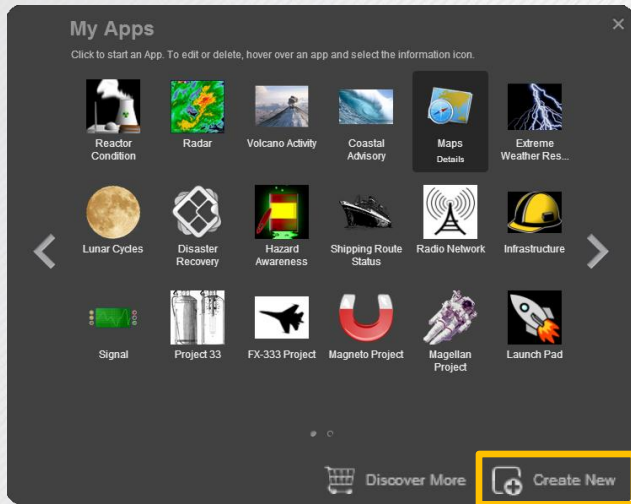
Once added, open the listing in OWF one of two ways:

1. Click **My Apps** and select an App to Start the Listing.
2. Click **Start** on Quick View, then select an App to launch the listing.

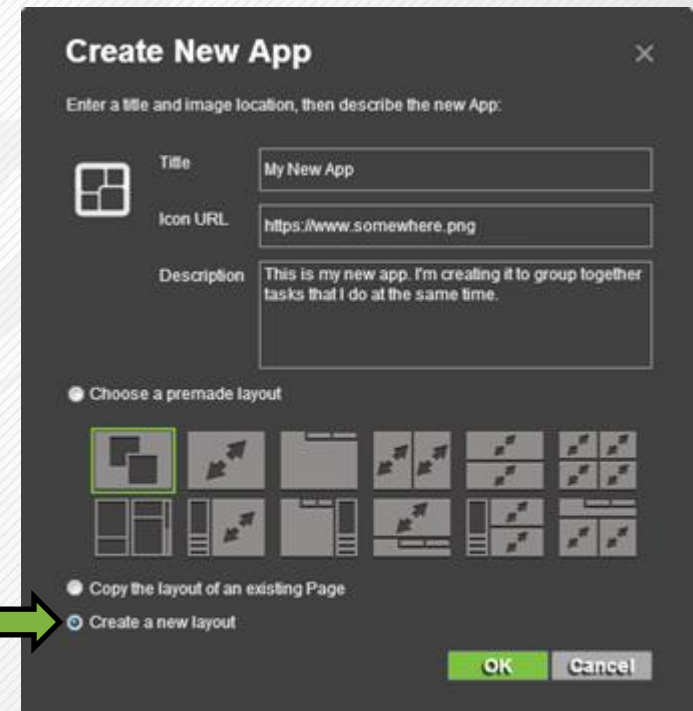


# Create New App

# Creating an App



– opens the **Create New App Window**



Create New App

Enter a title and image location, then describe the new App:

Title: My New App

Icon URL: https://www.somewhere.png

Description: This is my new app. I'm creating it to group together tasks that I do at the same time.

Choose a premade layout

Copy the layout of an existing Page

Create a new layout

OK Cancel

- 1) Enter a title, icon and description.
- 2) Select a layout.

If the user selects the **Create a new layout**, the App Builder starts.





# Using the App Builder

Use this grid to design your App's layout



## Dividers

Split the screen horizontally or vertically.

## Layout Types

Drag a layout onto the grid.

## Tools

**Reset** to start over; **lock** to stop anyone from changing the app; **Save** to add App Components; and **Cancel**.

Click or drag dividers to divide the layout



Horizontal Divider



Vertical Divider

Click or drag layouts to change a pane's layout



Accordion



Desktop



Portal



Tabbed



Fit

Reset



Save

Cancel

# Using the App Builder



The image displays the App Builder interface. On the left, there is a vertical stack of two panes. The top pane is light pink and contains a red-bordered box with a '50%' label. The bottom pane is light purple and contains a dashed red-bordered box with a '50%' label. A small icon of a window with a red border is in the top left corner of the pink pane. The main area on the right is light green and contains a large gray box with the text 'To continue... Click the **Save** button.' A large green arrow points from this box to the 'Save' button in the toolbar on the right. The toolbar on the right has a gray background and contains several icons and buttons. At the top, it says 'Click or drag dividers to divide the layout' and shows icons for 'Horizontal Divider' and 'Vertical Divider'. Below that, it says 'Click or drag layouts to change a pane's layout' and shows icons for 'Accordion', 'Desktop', 'Portal', 'Tabbed', and 'Fit'. At the bottom, there are three buttons: 'Reset', 'Save', and 'Cancel'. A small icon of a lock is next to the 'Save' button.

**To continue...**  
Click the **Save** button.

50%

50%

70%

Click or drag dividers to divide the layout

Horizontal Divider

Vertical Divider

Click or drag layouts to change a pane's layout

Accordion

Desktop

Portal

Tabbed

Fit

Reset

Save

Cancel



# Adding App Components



The screenshot shows the OZONE Widget Framework interface. The top navigation bar includes tabs for 'My Apps', 'App Components', 'Store', and a help icon, along with the 'OZONE Widget Framework' title and a 'Doc Admin' link. The main workspace is divided into a left sidebar and a larger right area. A large green arrow points from the 'App Components' tab to the main workspace. A text box above the arrow states: 'The App opens with your selected or created layout.' Another green arrow points from a text box at the bottom left to a text box at the bottom right. The bottom left text box says: 'Prompt for Next Step: Add App Components.' The bottom right text box, titled 'Add App Components', contains the instruction: 'Click App Components (in the toolbar) to find App Components. Drag them onto the screen to add them to this App.'

My Apps App Components Store ? OZONE Widget Framework Doc Admin

The App opens with your selected or created layout.

Prompt for Next Step:  
Add App Components.

**Add App Components**  
Click App Components (in the toolbar) to find App Components. Drag them onto the screen to add them to this App.

# Adding App Components to a New App

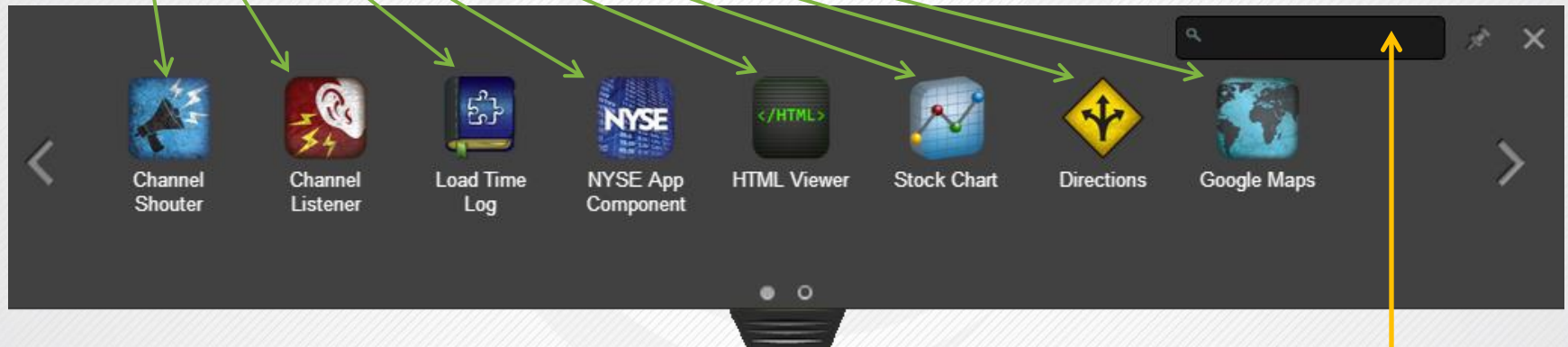


**App Components** are lightweight, single purpose tools that can be configured and added to an application.



App Components are located in the App Components Carousel.

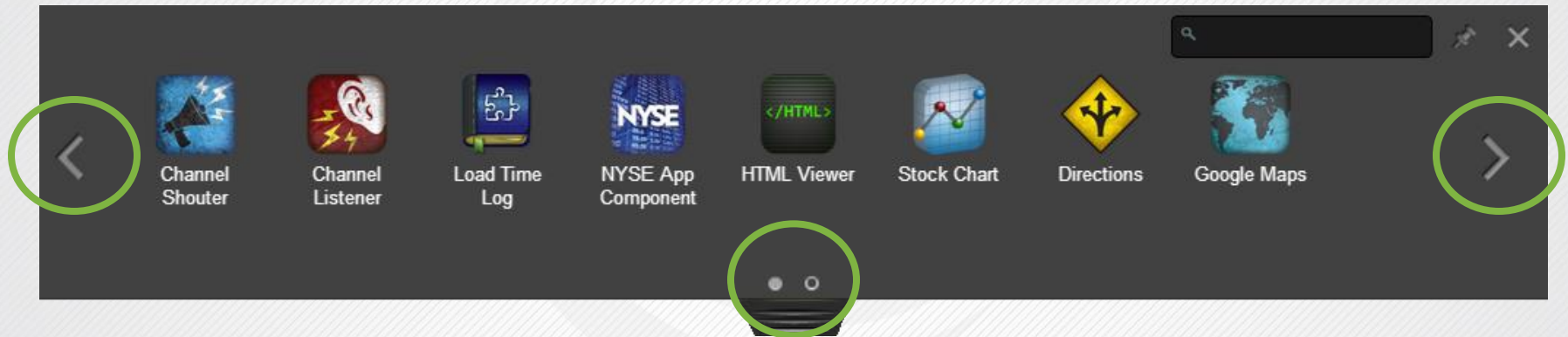
## App Components



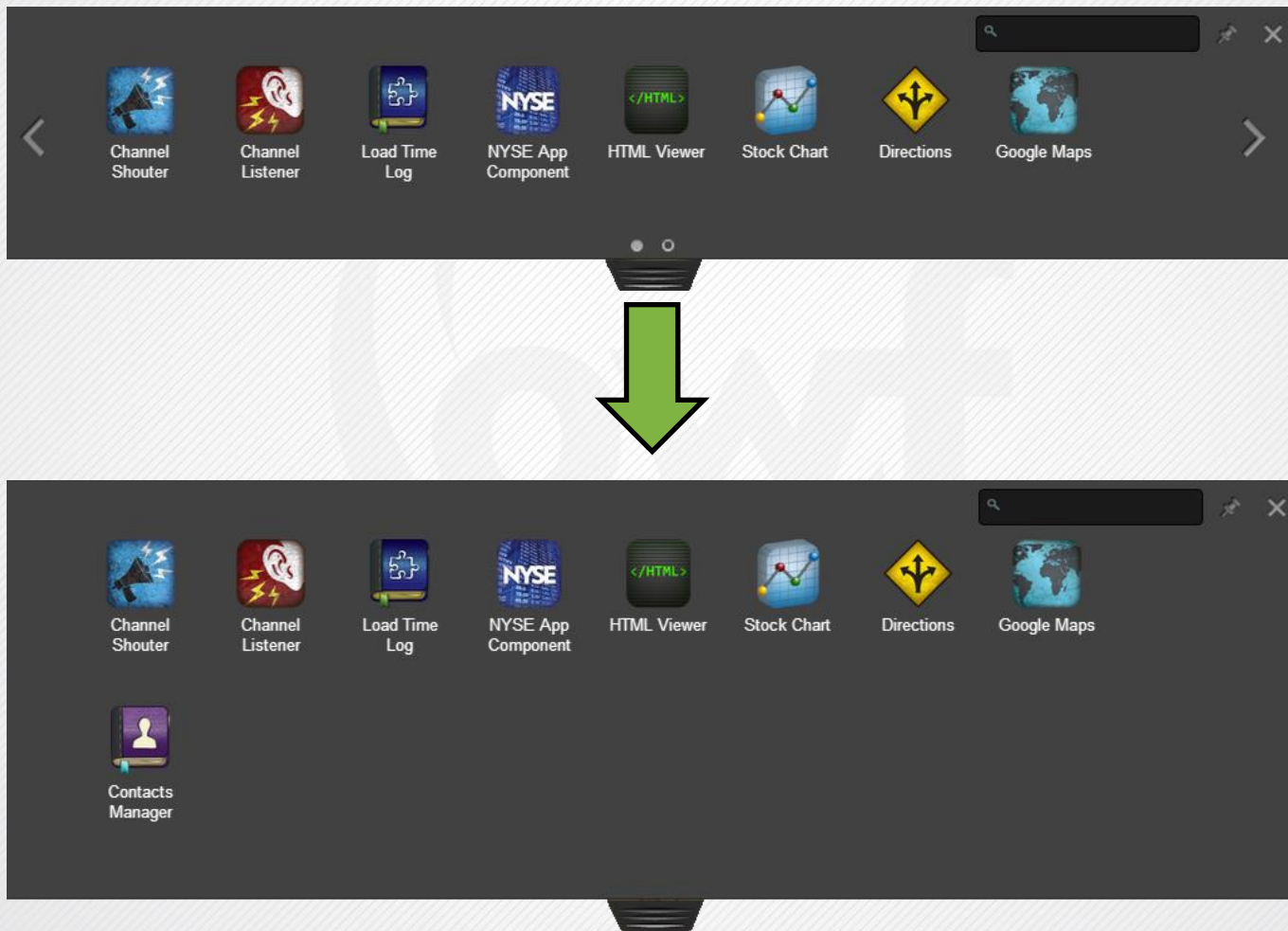
Search Bar



**Navigate the carousel using the  
Pagination Arrows or Buttons**



**Pull down to view more App Components**



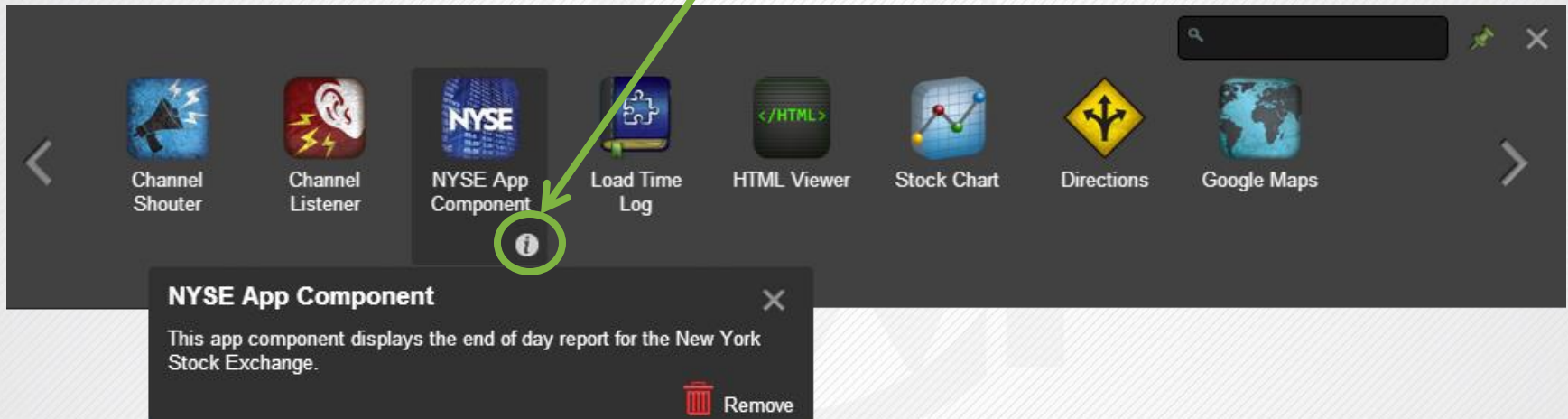


# App Components Carousel



**Pin the carousel in place,  
App Components window will remain open.**

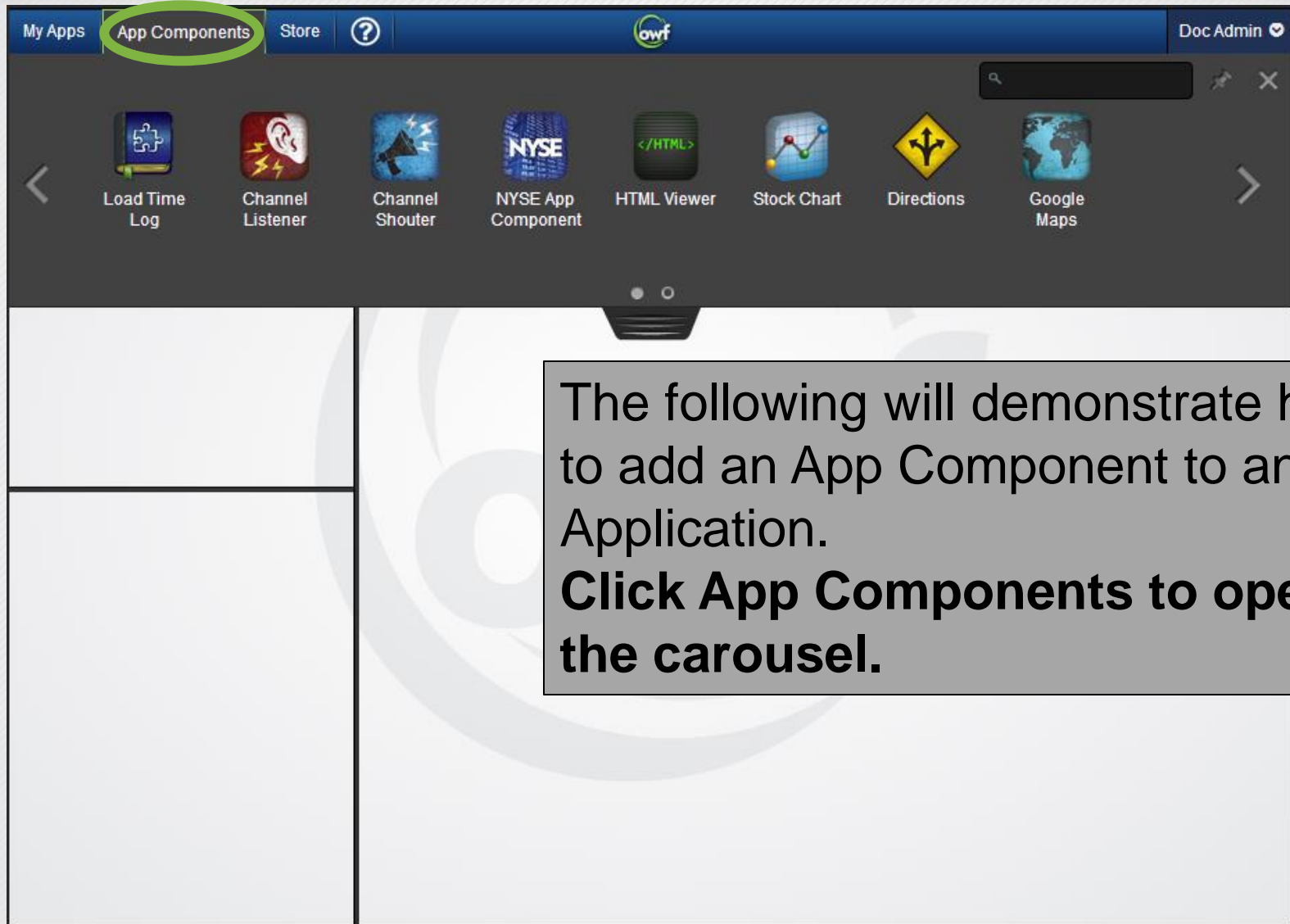
**Click to see App Component's details**



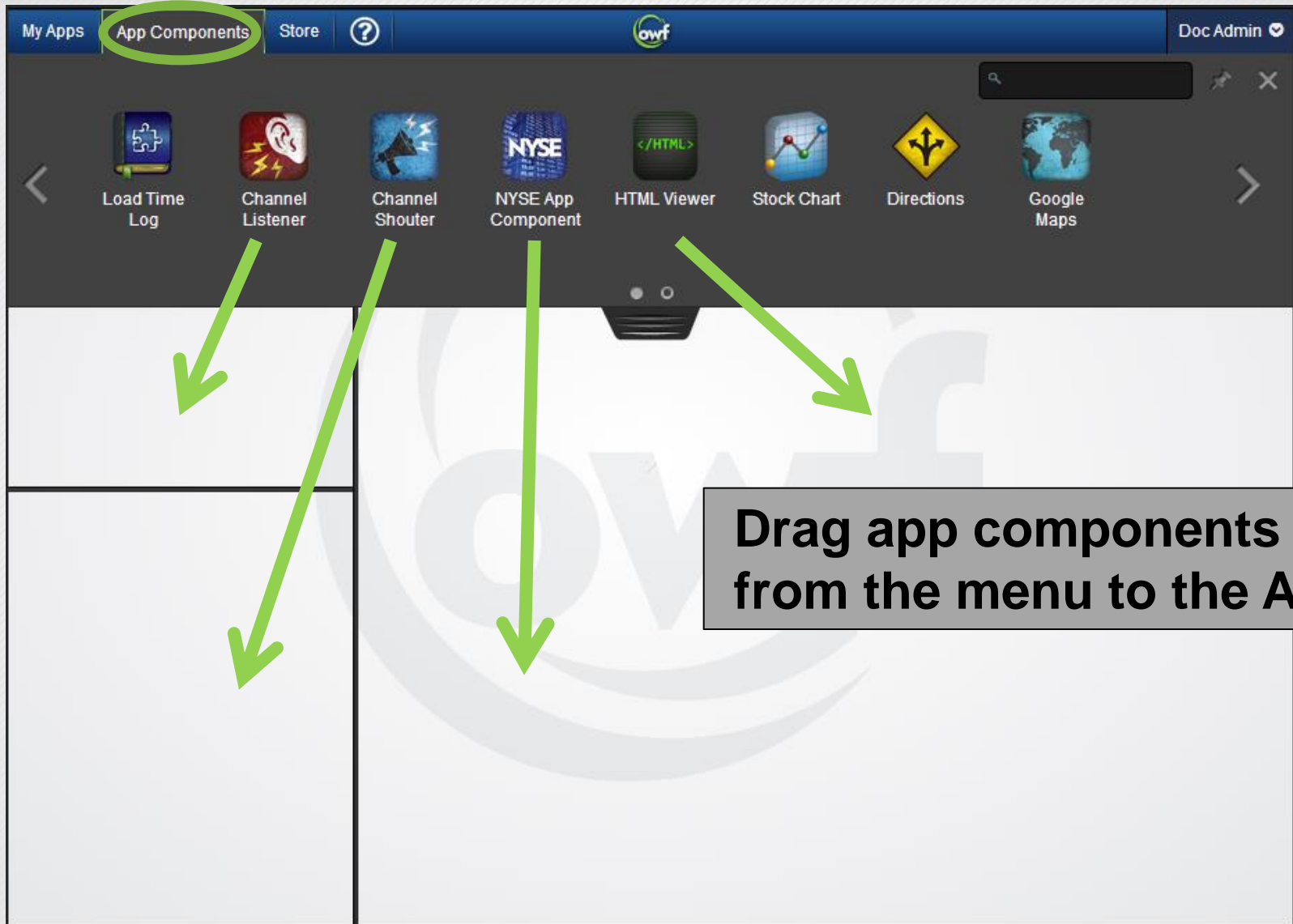
**Click to Remove App Component**



# Adding App Components



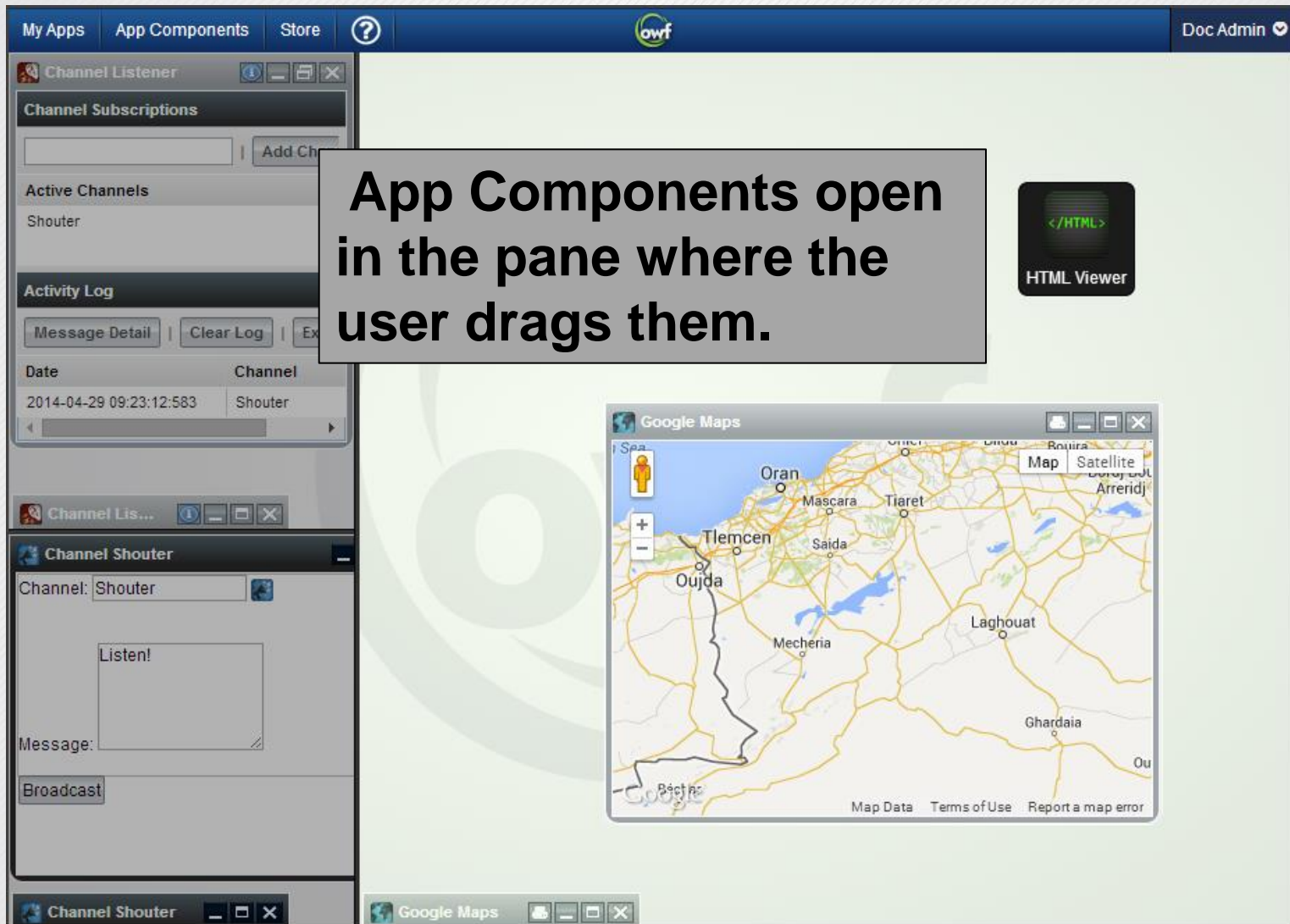
# Adding App Components





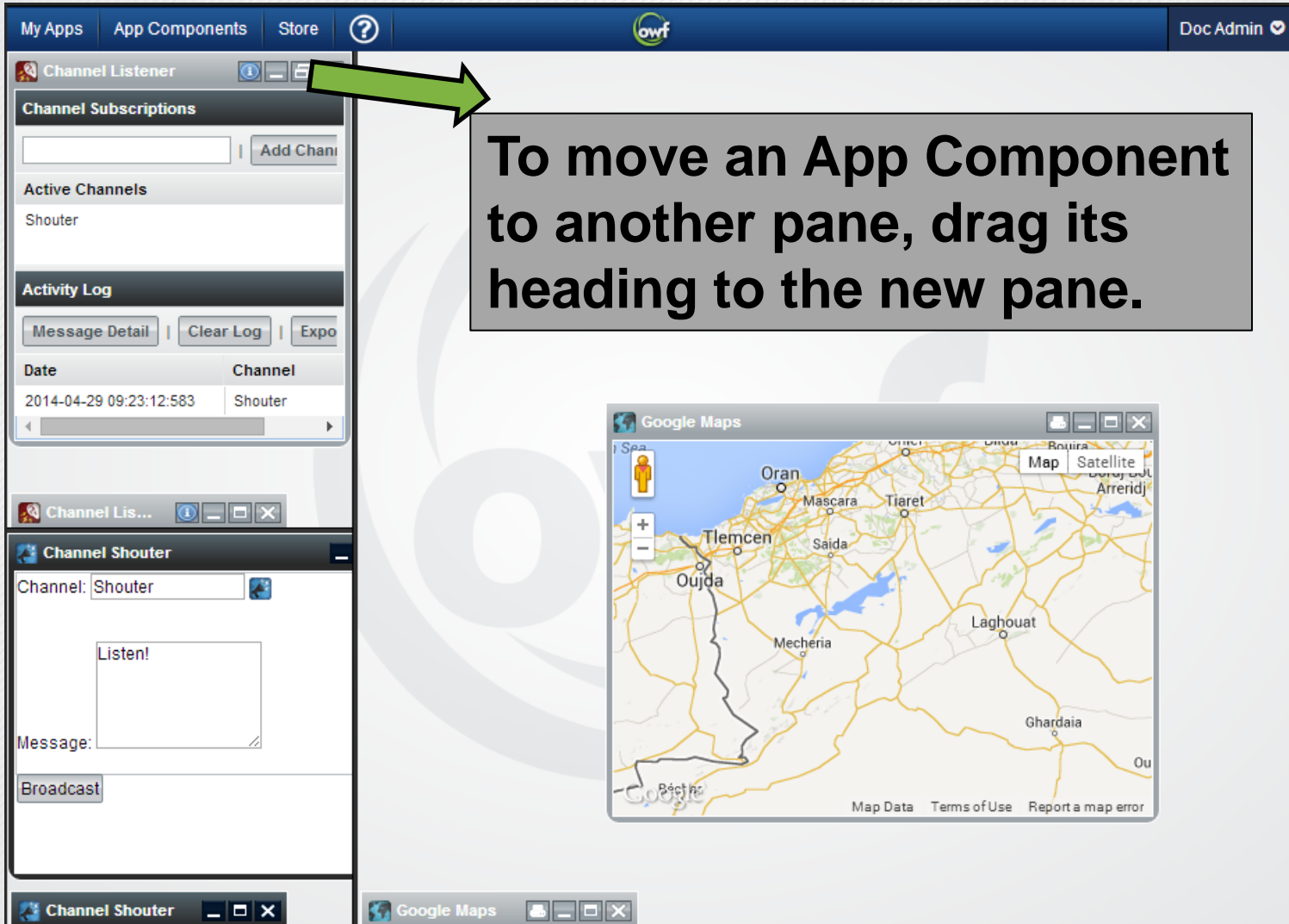
# Adding App Components

**App Components open in the pane where the user drags them.**



The screenshot displays the OWF application interface. The top navigation bar includes 'My Apps', 'App Components', 'Store', and a help icon, along with the 'owf' logo and a 'Doc Admin' user profile. On the left, a sidebar contains several app components: 'Channel Listener' (with 'Channel Subscriptions' and 'Active Channels' sections), 'Activity Log' (with 'Message Detail' and 'Clear Log' buttons), 'Channel Shouter' (with a 'Channel' dropdown and 'Listen!' button), and 'Channel Lis...'. The main workspace area on the right contains a 'HTML Viewer' icon and a 'Google Maps' window showing a map of Algeria with various cities labeled. A large, semi-transparent text box is overlaid on the workspace, stating: 'App Components open in the pane where the user drags them.'

# Using App Components



**To move an App Component to another pane, drag its heading to the new pane.**

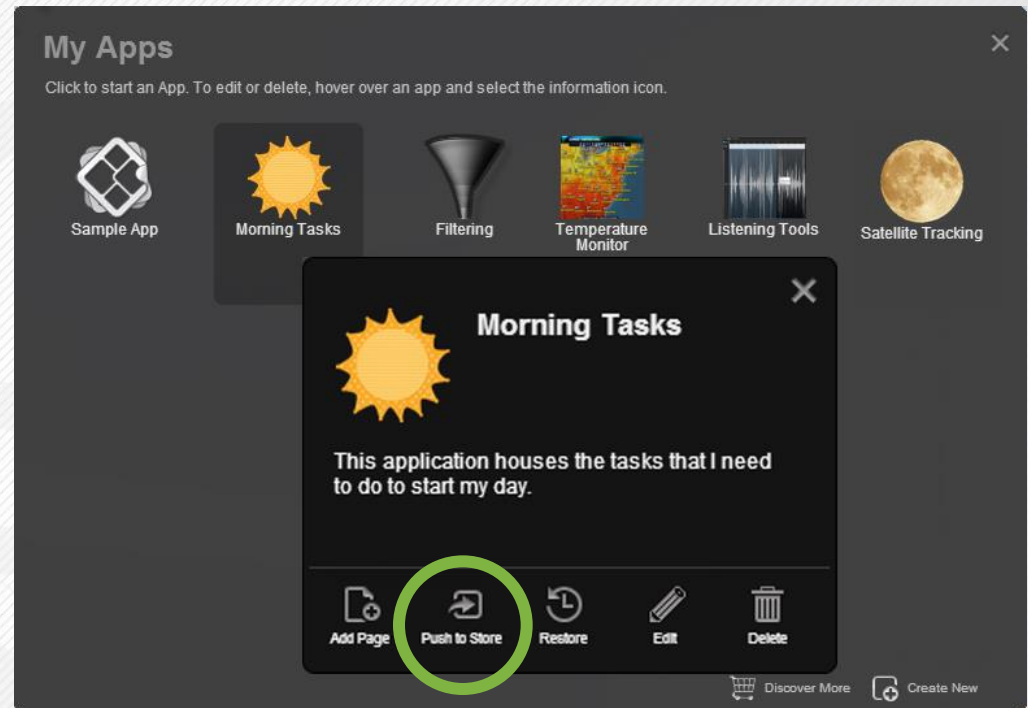
The screenshot shows the OWF application interface. The top navigation bar includes 'My Apps', 'App Components', 'Store', and a help icon. The 'App Components' tab is active. On the left, there are two component panes: 'Channel Listener' and 'Channel Shouter'. The 'Channel Listener' pane has a heading bar with a blue information icon, a minus icon, and a plus icon. A green arrow points from this heading bar to a text box. The 'Channel Shouter' pane has a heading bar with a blue globe icon, a minus icon, and a plus icon. The main area of the application displays a Google Maps widget showing a map of Algeria with various cities labeled. The bottom status bar shows the 'Channel Shouter' component and the Google Maps widget.



# Sharing an App/Push to Store

# Sharing an App

- To share an App with other users:
  1. Open My Apps
  2. Click **Push to Store**
- The App will be added to the Store.
- After administrator approval, all Store users can search and discover it.





- OZONE App Definition
- My Apps Window
- App/Page Manager Buttons
  - Add Page
  - Push to Store
  - Restore
  - Edit
  - Delete
- Discover More
- Create New/Building an App
- App Components Carousel
- Sharing Apps with the Store