

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 Point of Contact:
goss-support@owfgoss.org

- **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

| |

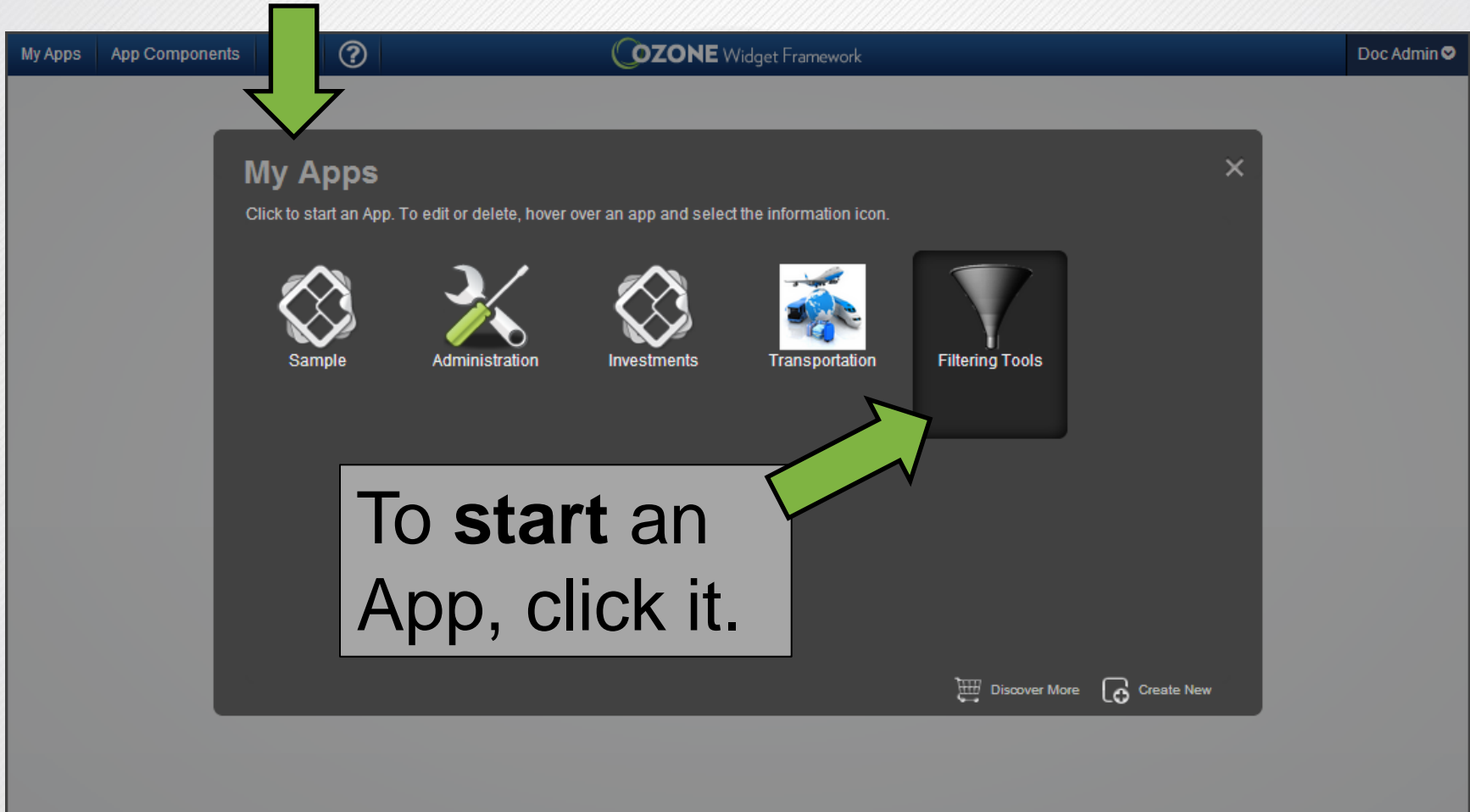
Date	Channel	Message
------	---------	---------

Channel Shouter

Channel:

Message:

My Apps displays the user's applications



The screenshot displays the OZONE Widget Framework interface. The top navigation bar includes 'My Apps', 'App Components', and a help icon. The main content area shows a 'My Apps' panel with a close button. Below the title, there is a instruction: 'Click to start an App. To edit or delete, hover over an app and select the information icon.' The panel lists five applications: 'Sample' (grid icon), 'Administration' (wrench and screwdriver icon), 'Investments' (grid icon), 'Transportation' (airplane icon), and 'Filtering Tools' (funnel icon). A green arrow points to the 'My Apps' tab, and another green arrow points to the 'Filtering Tools' application. A text box with the instruction 'To start an App, click it.' is overlaid on the interface. At the bottom right, there are links for 'Discover More' and 'Create New'.

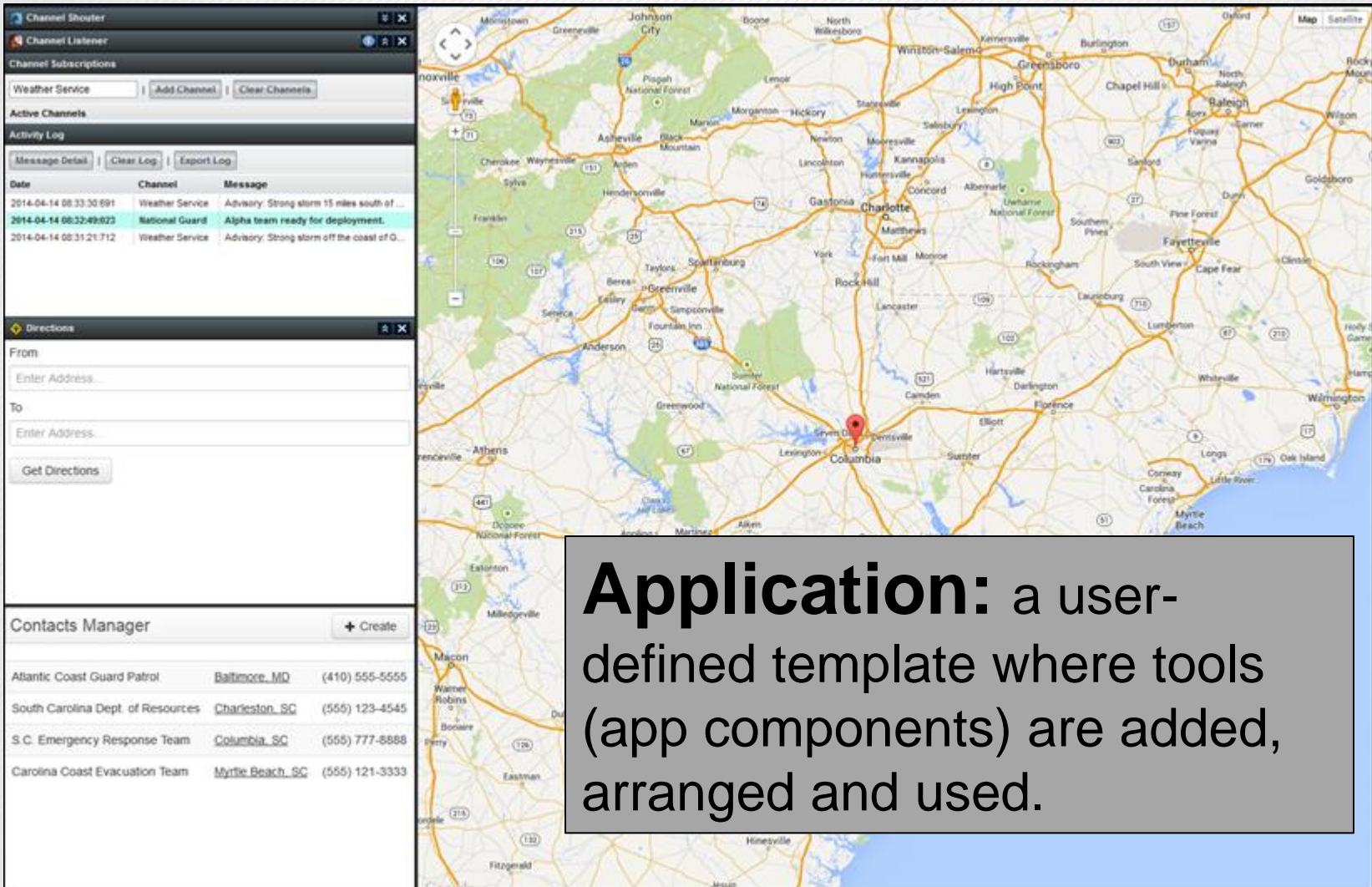
My Apps

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

Sample Administration Investments Transportation Filtering Tools

To start an App, click it.

Discover More Create New



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 O...

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

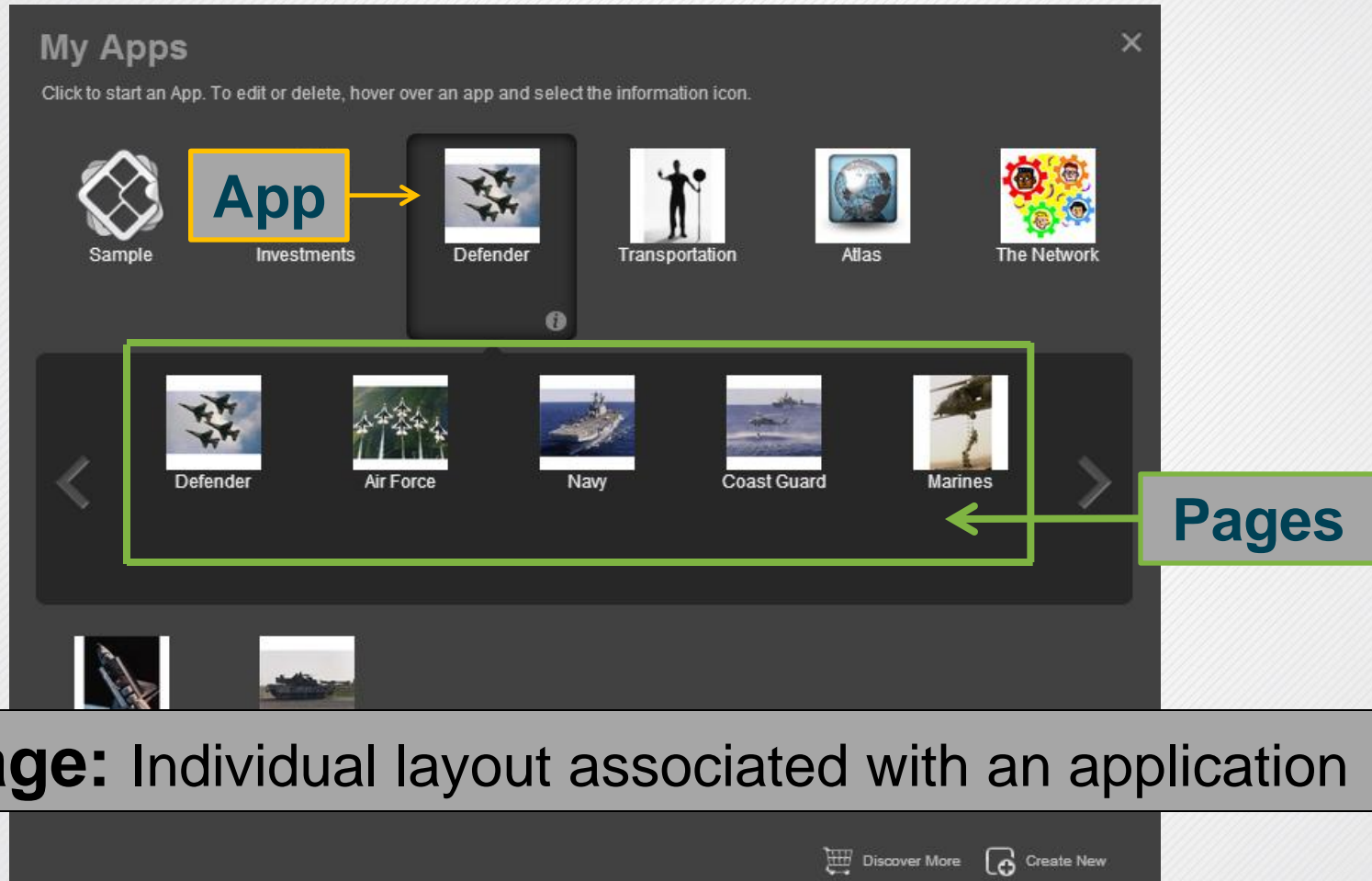


Delete

 Discover More  Create New

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

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.

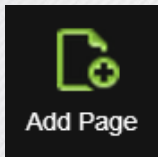
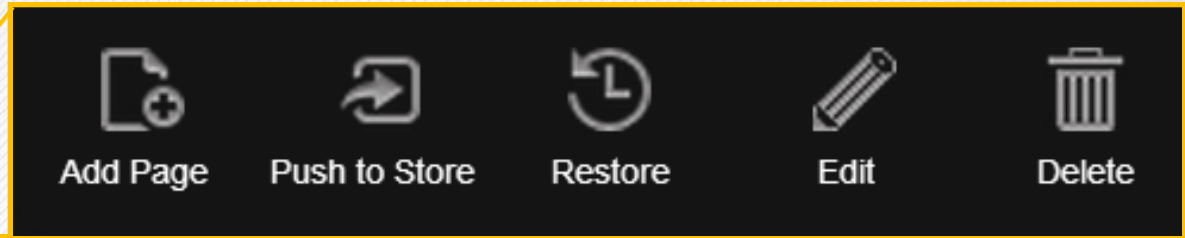
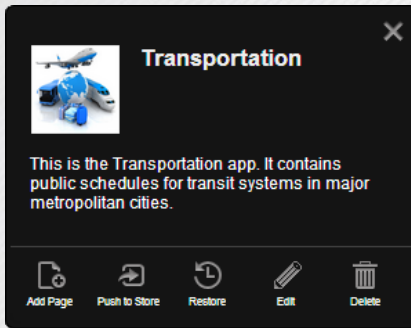
Application Manager Buttons

Click the App info icon.

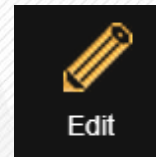


If you are the App Owner, you will have access to additional functions.

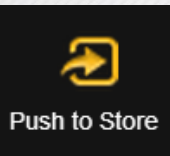
Application Buttons - Owner



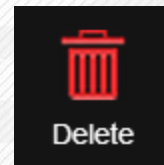
Adds a page to the application



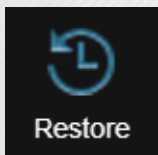
Edits the application's title, icon URL, description and layout



Pushes the application to the Store

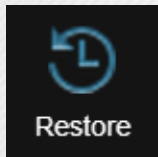
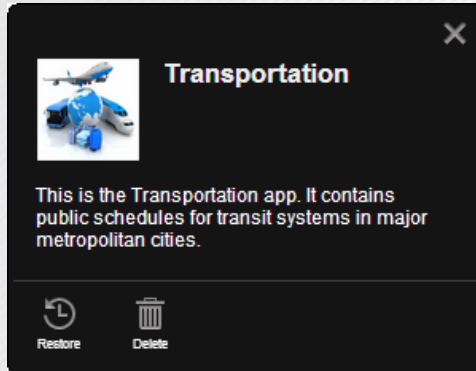


Deletes the application from OWF

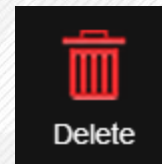


Restores the application to its current default state

Application Buttons - User

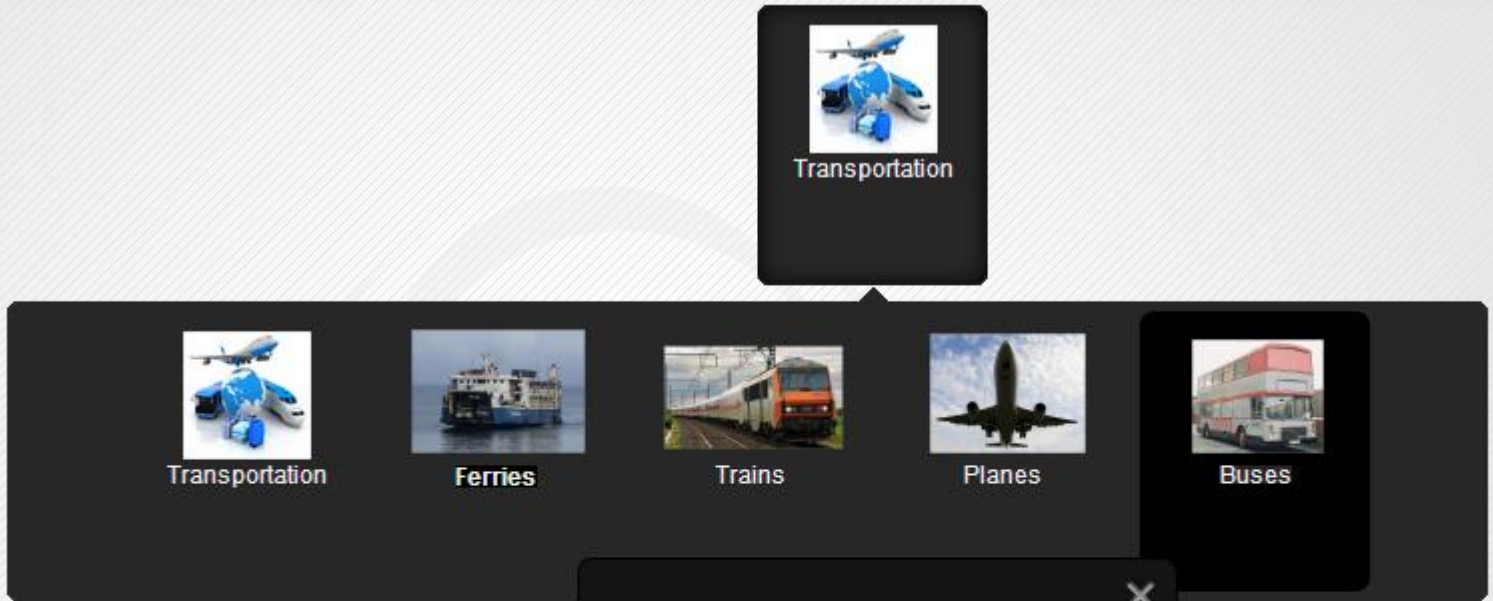


Restores the application to its current default state

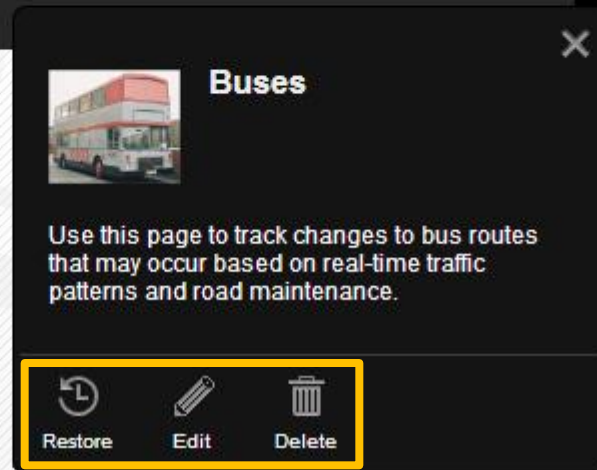


Deletes the application from OWF

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

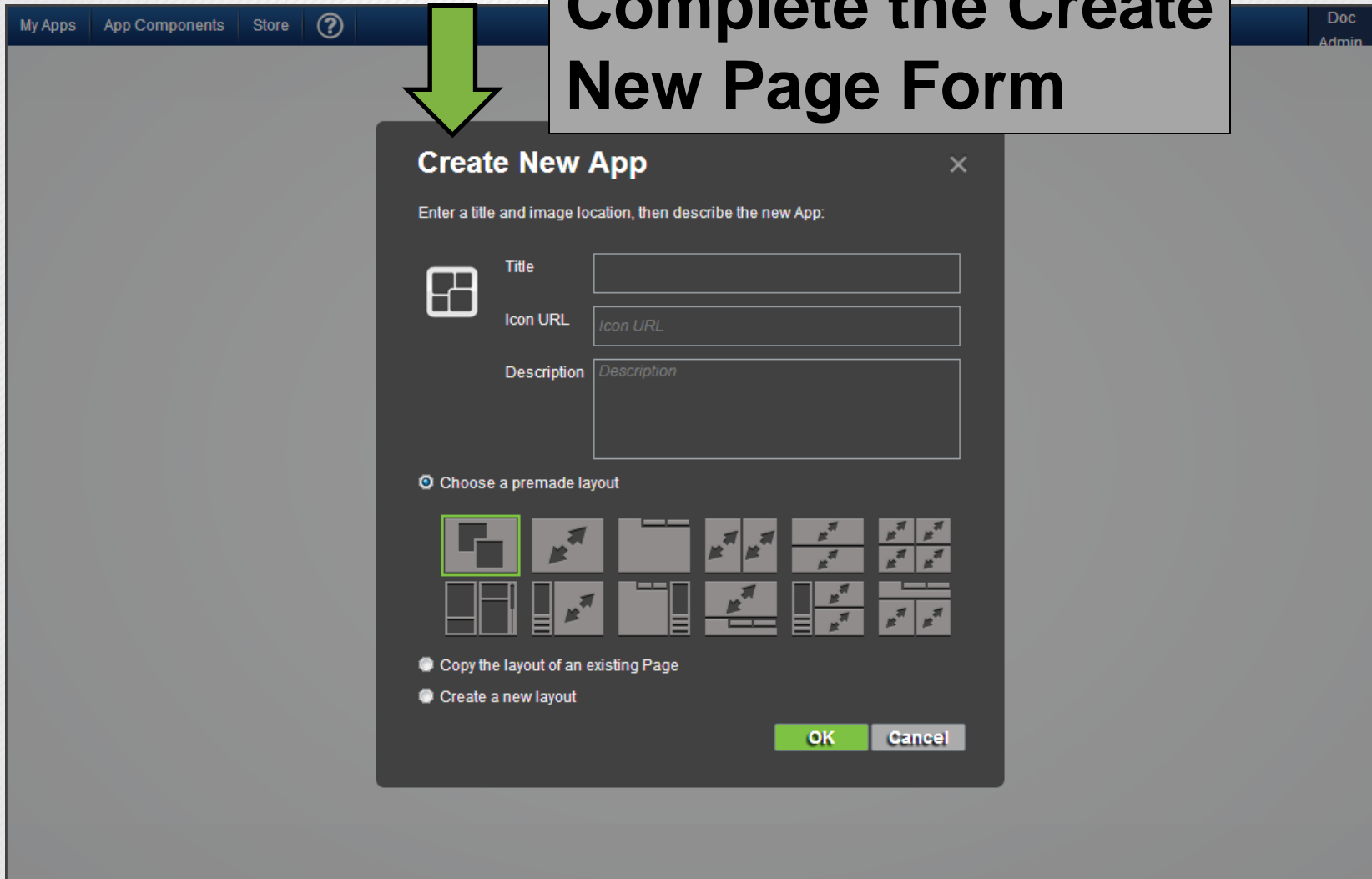
Atlas

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**

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)**

8/28/2014

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

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






























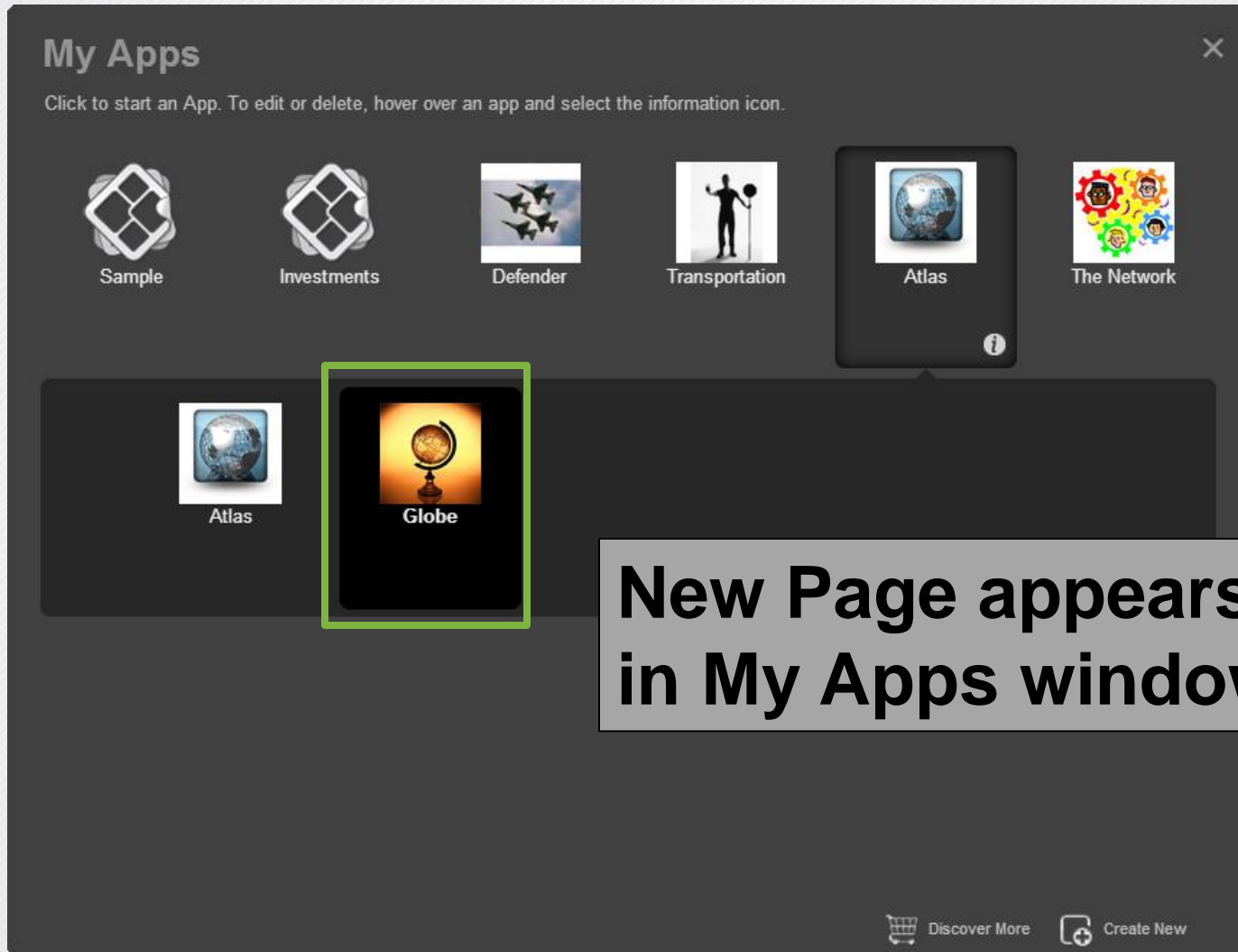


☐ Copy the layout of an existing Page

☐ Create a new layout

OK

Cancel



**New Page appears
in My Apps window**

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

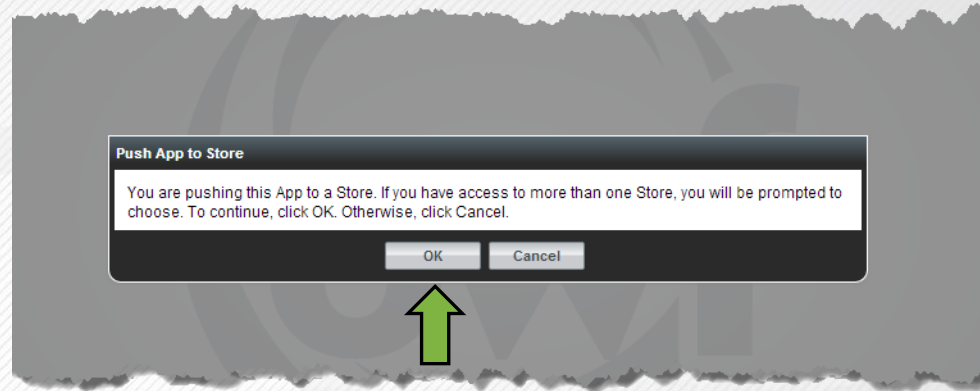
This is the Atlas Application.

Click Push to Store

Push to Store Restore Edit Delete

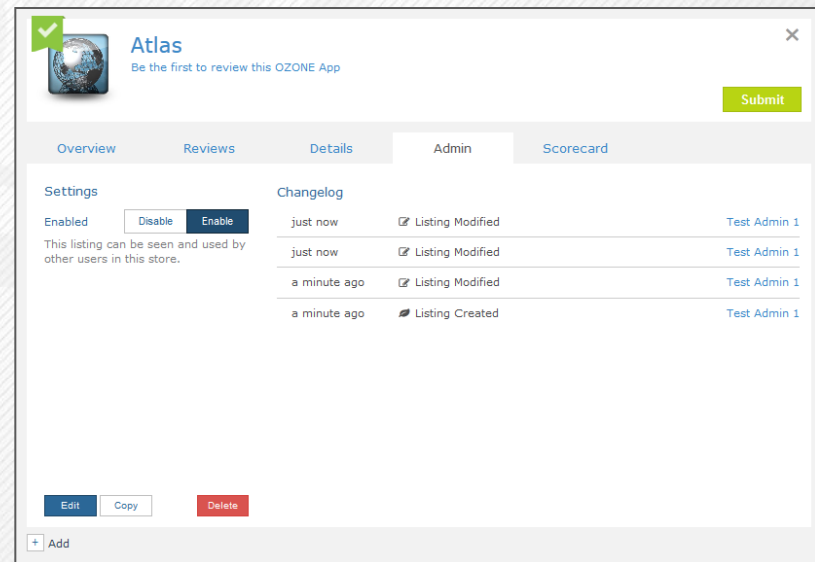
Click OK.

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



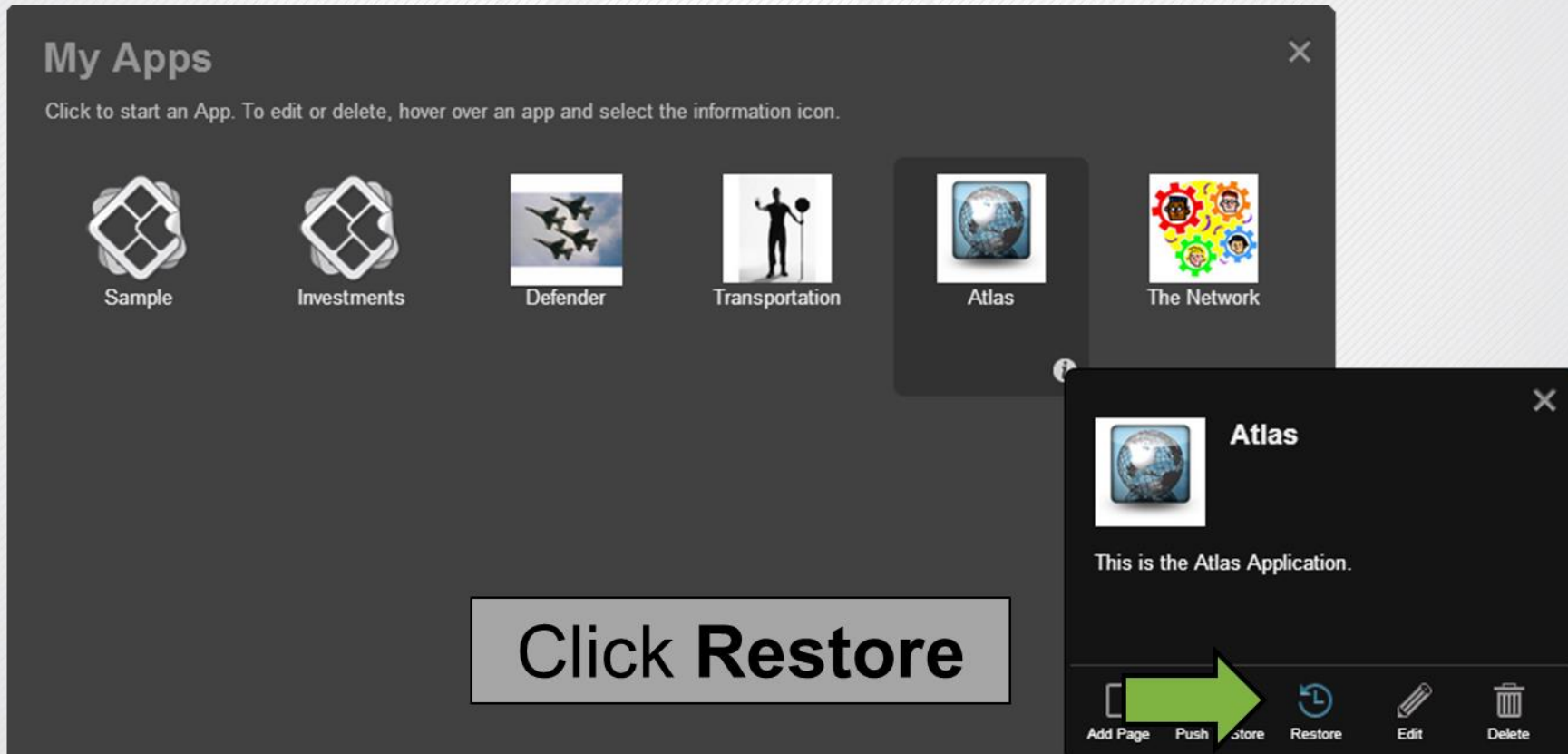
Click Submit.

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

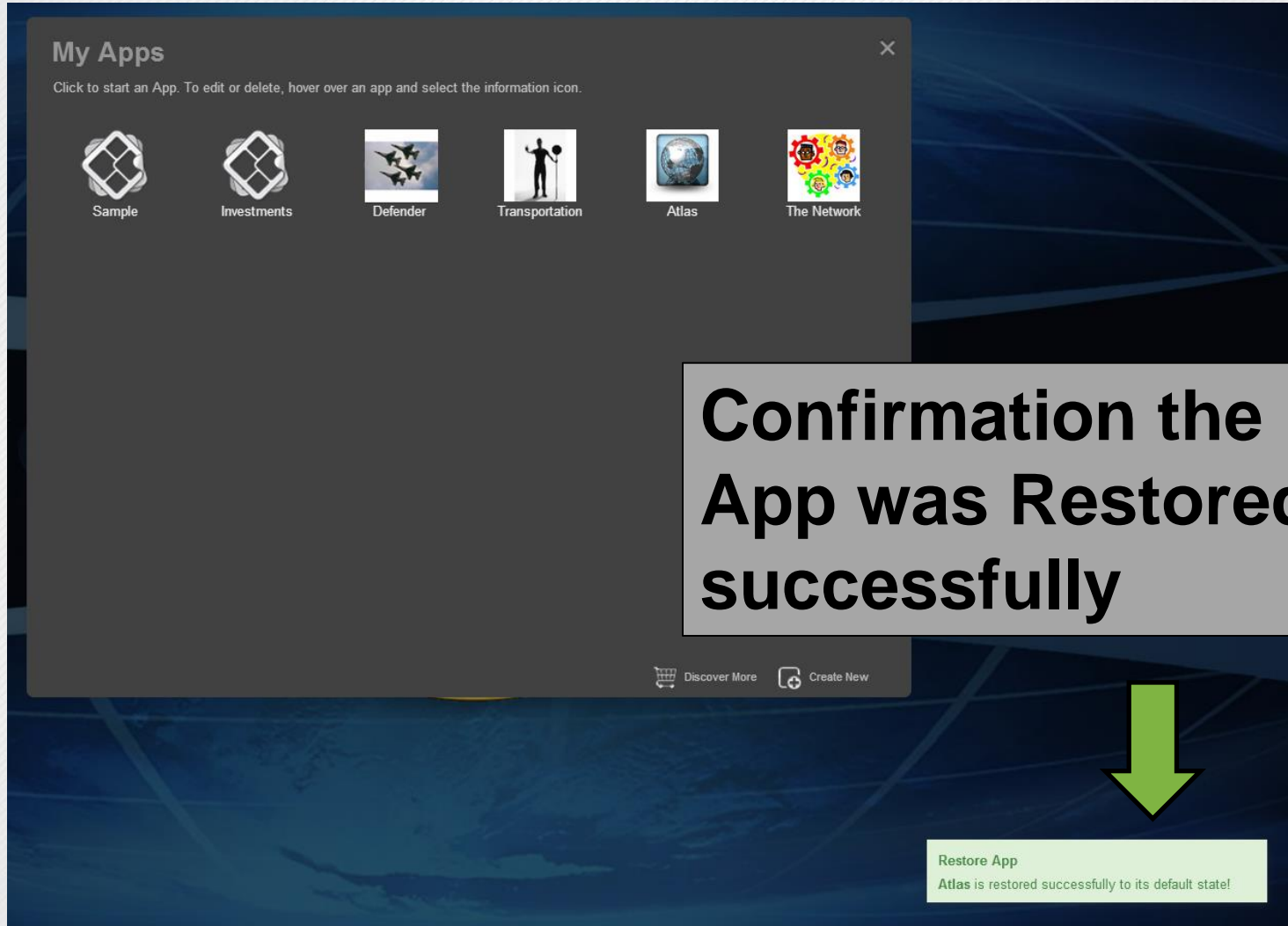
Click OK to delete changes you made to Atlas and restore its default settings.

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

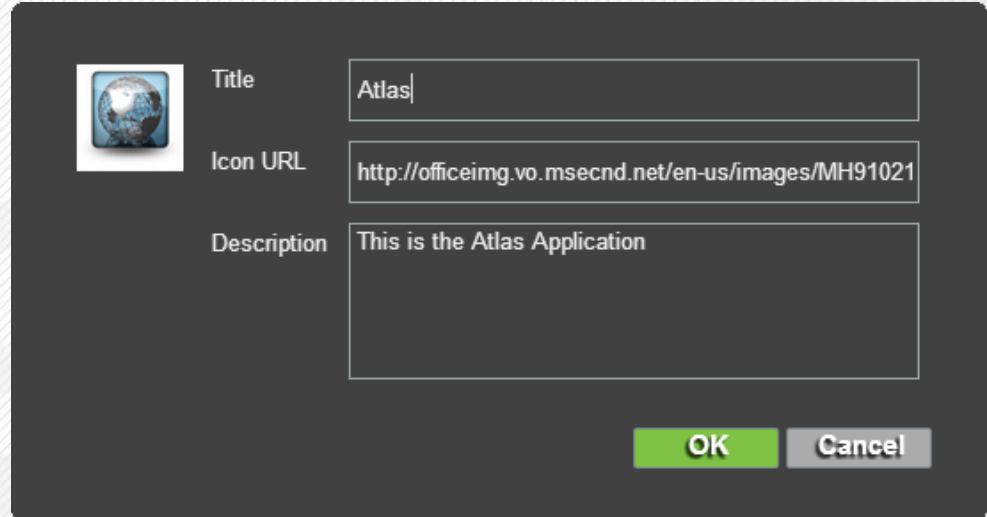



Delete

Click **Edit**

Edit the following (optional):

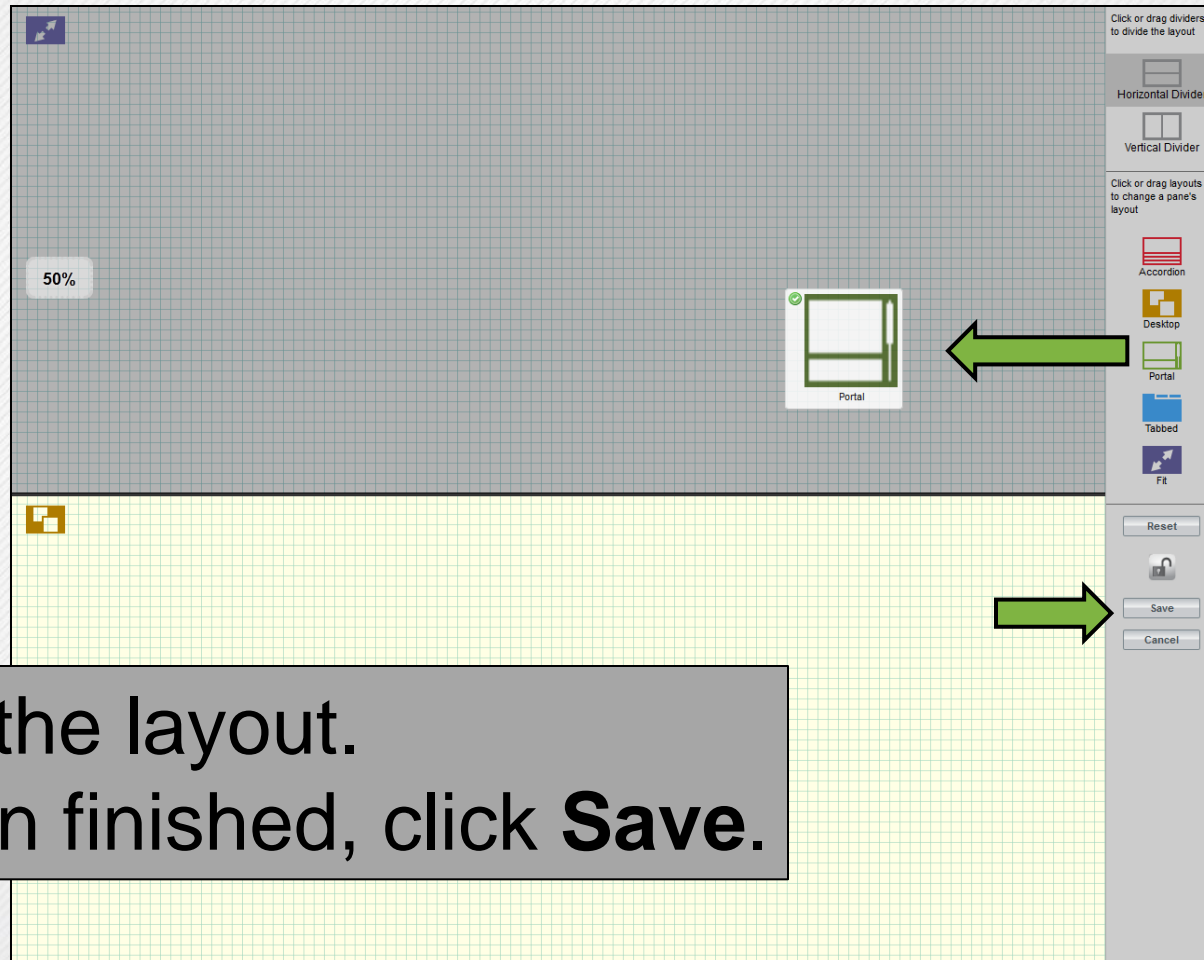
- **Title**
- **Icon**
- **Description**



	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.

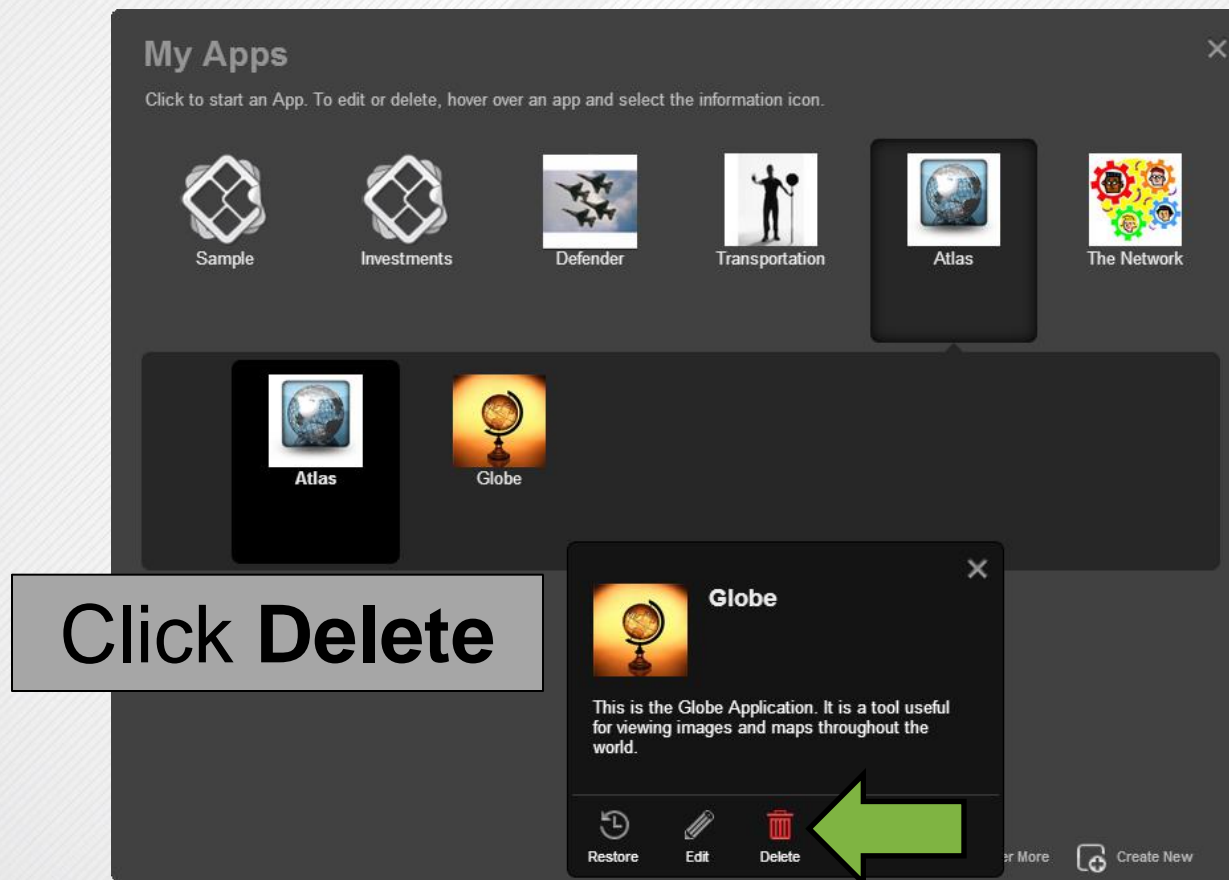
The App Builder opens:



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

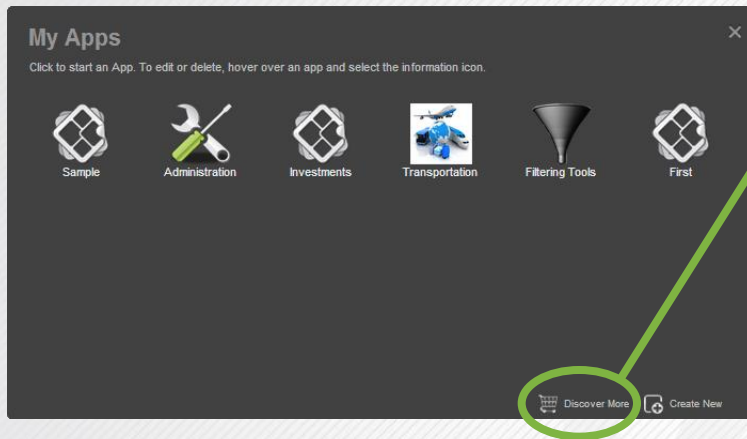
[Discover More](#) [Create New](#)

Confirmation the Page was Deleted successfully

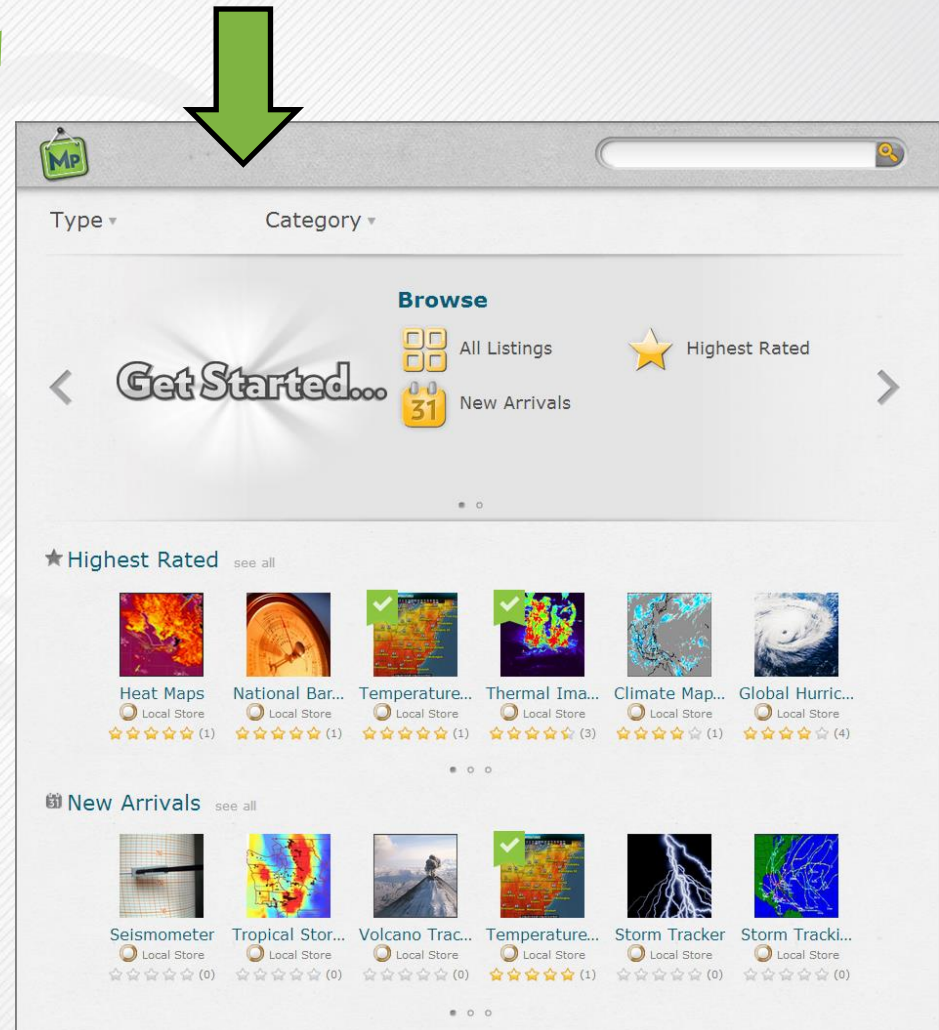
Delete Page
Globe deleted!

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,

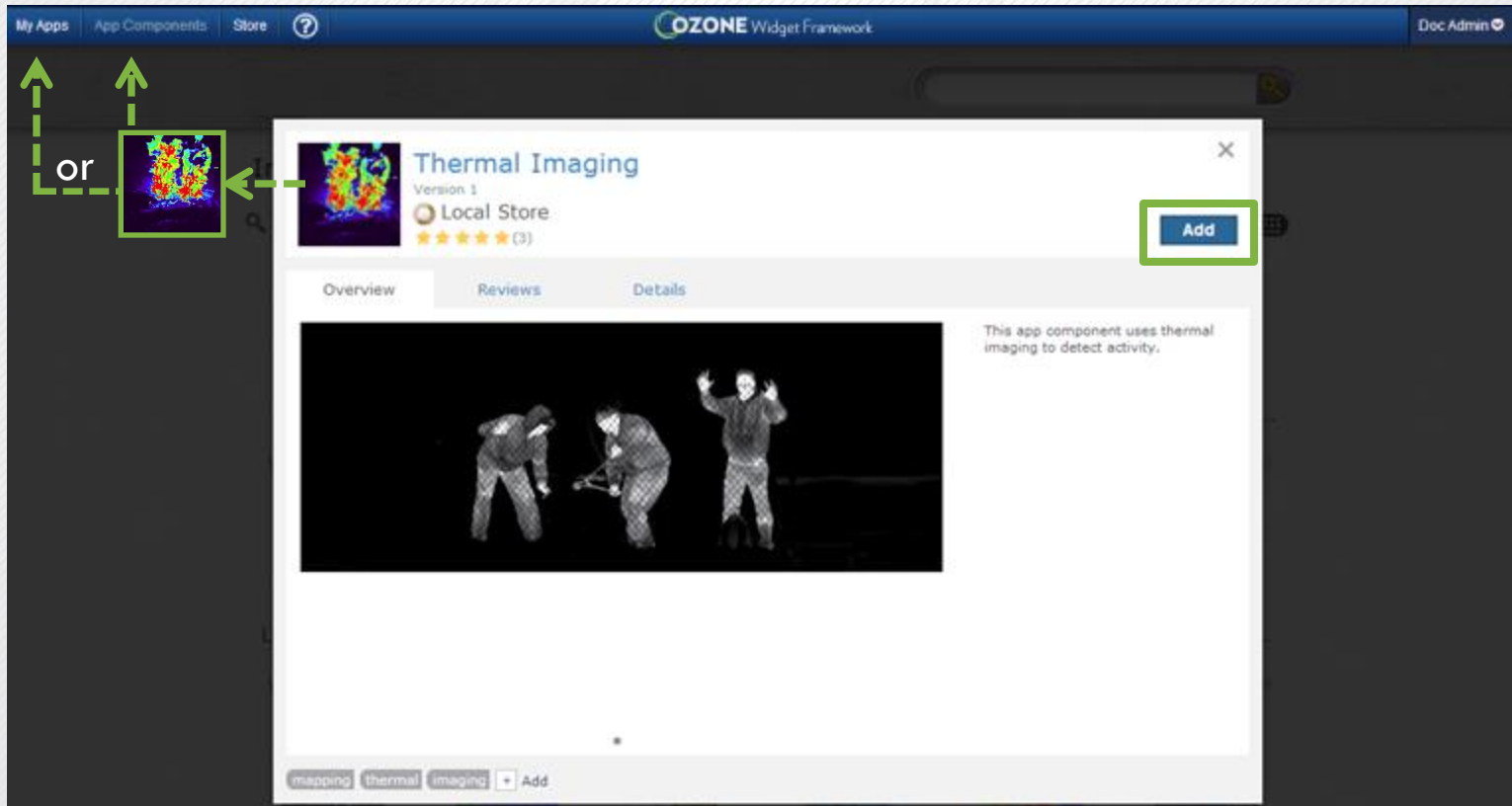
1. Click on the listing icon. The listing Quick View window will open.
2. Click the Add button



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



Thermal Imaging has been added successfully from AppsMall

Thermal Imaging
Version 1
Local Store
★★★★★ (2)

Start

Overview Reviews Details Admin Scorecard

This app component uses thermal imaging to detect activity.

Added
The App Component was successfully added

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

Leaving the Store

Click My Apps

or Click Start

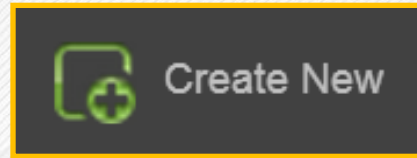
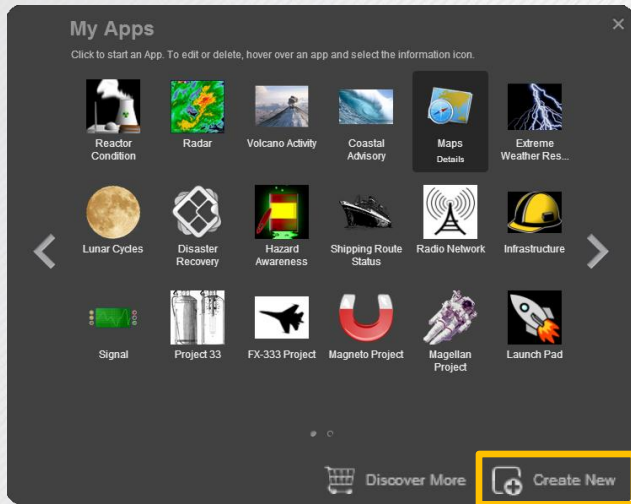


Once added, open the listing in OWF one of two ways:

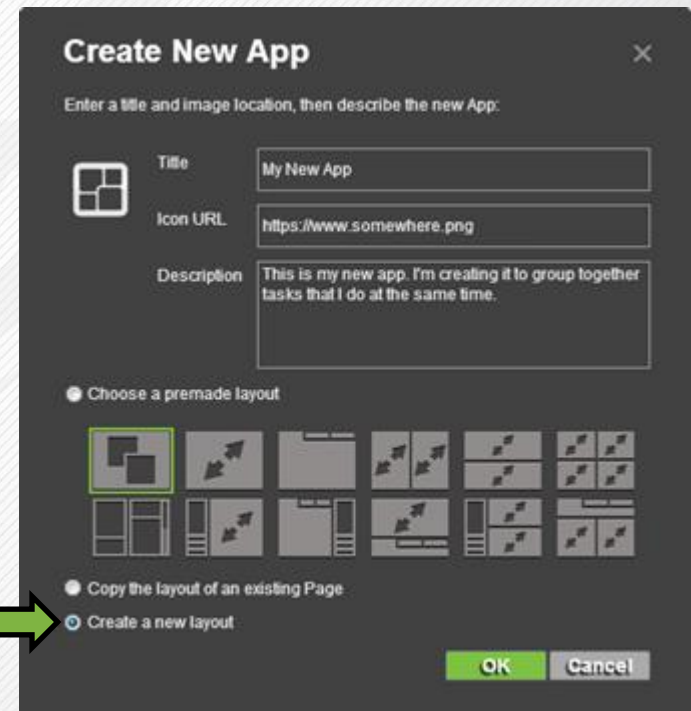
1. Click **My Apps** and select an App to Start the Listing.
2. Click **Start** on Quick View, then select an App to launch the listing.

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 grid-based workspace divided into two vertical 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 square with four smaller squares is located at the top of the purple pane. The right pane 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 is located on the far right and includes a section for dividers (Horizontal and Vertical), a section for layouts (Accordion, Desktop, Portal, Tabbed, Fit), and a section with buttons for 'Reset', 'Save', and 'Cancel'. A '70%' label is visible at the bottom of the green pane.

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 a text box to the left sidebar, and another large green arrow points from a text box to the bottom right of the workspace.

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.

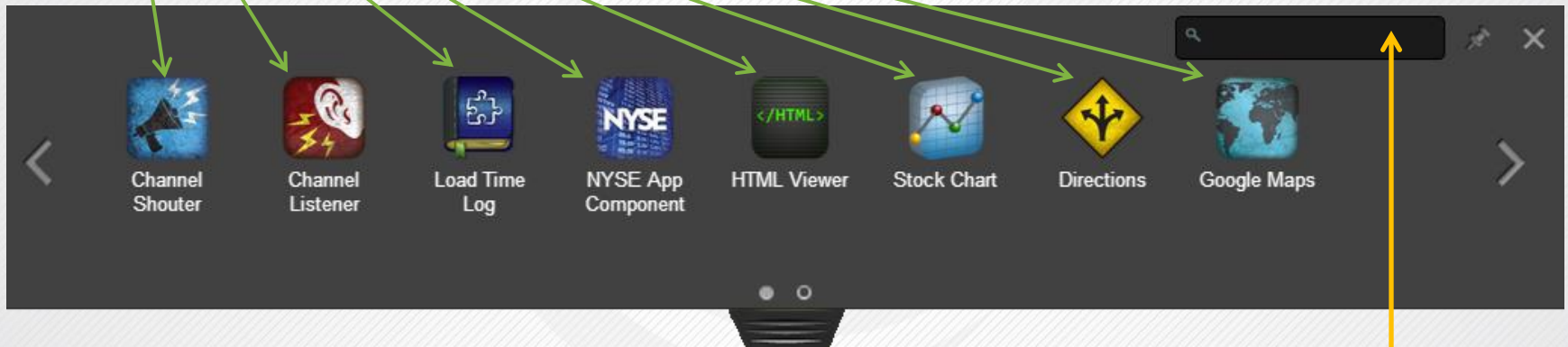
Adding App Components to a New App

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



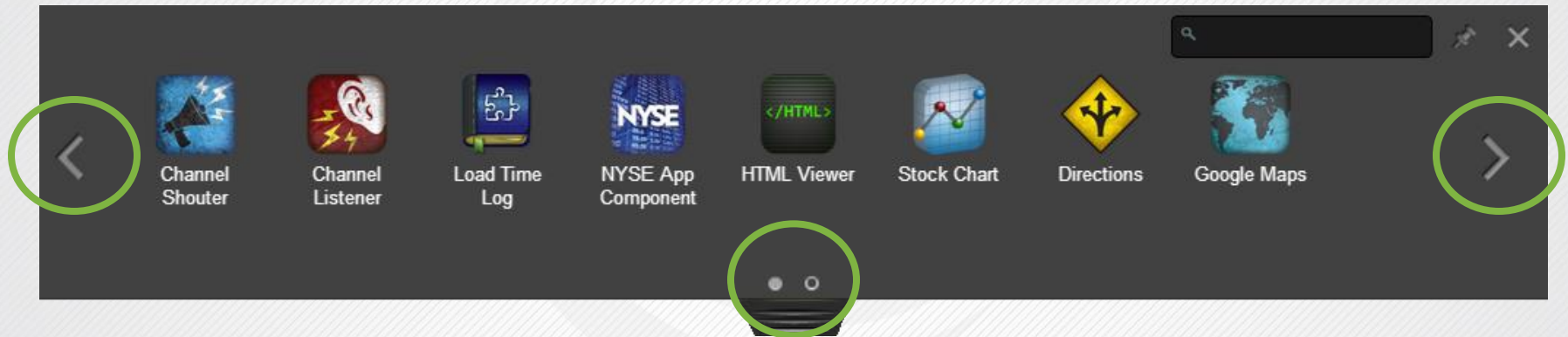
App Components are located in the App Components Carousel.

App Components

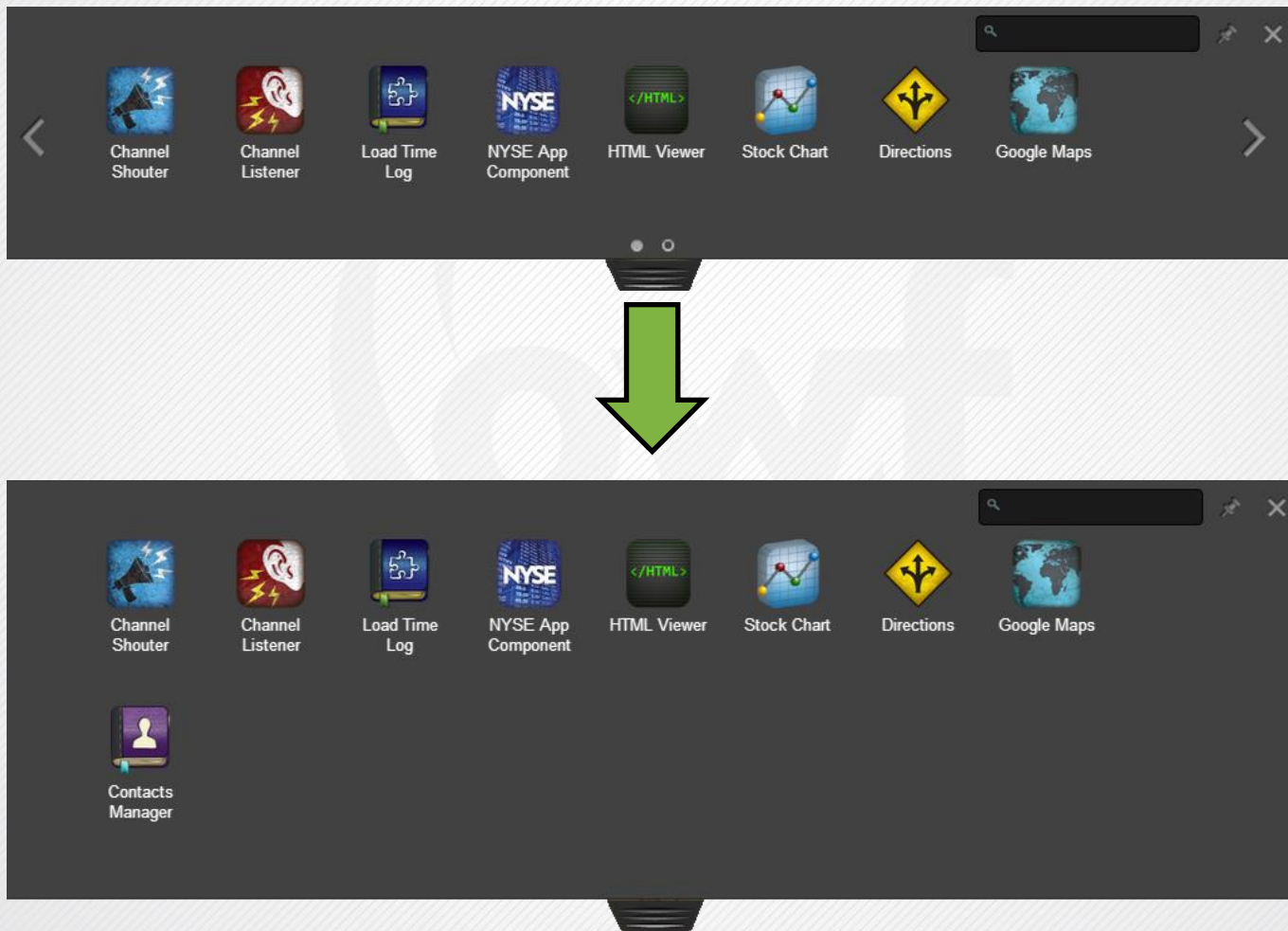


Search Bar

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



Pull down to view more App Components

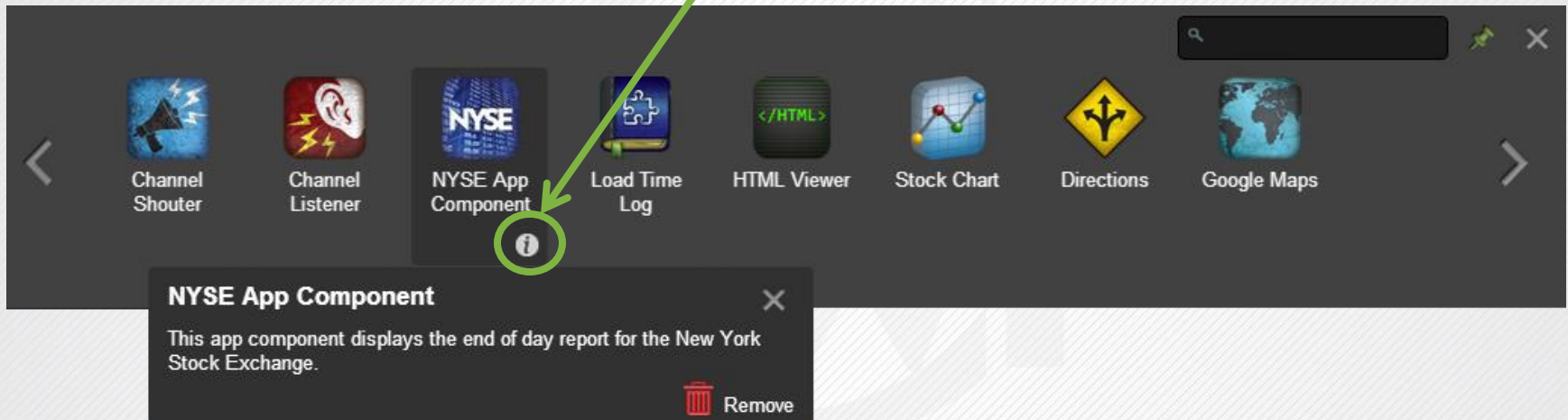


App Components Carousel



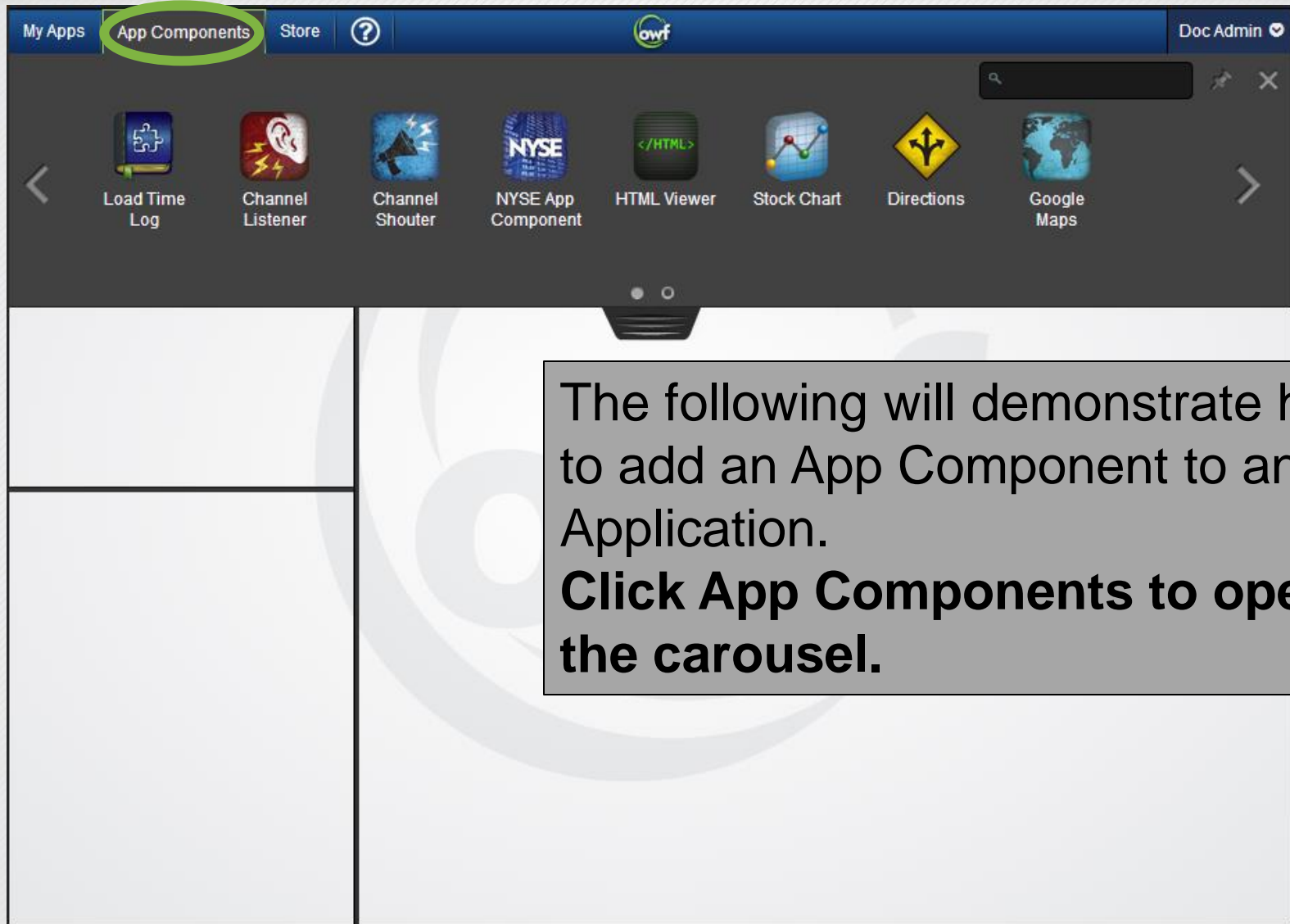
**Pin the carousel in place,
App Components window will remain open.**

Click to see App Component's details

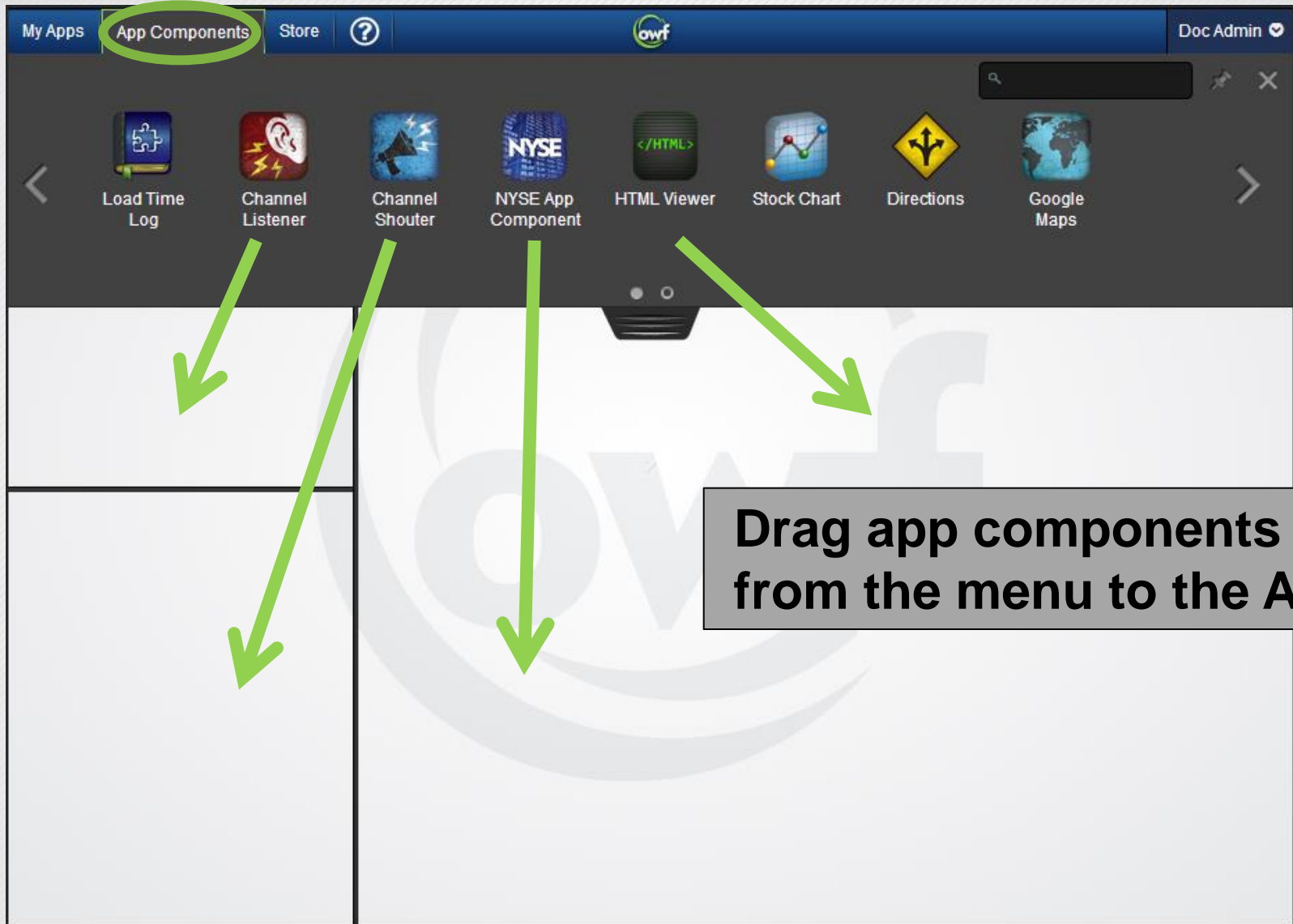


Click to Remove App Component

Adding App Components



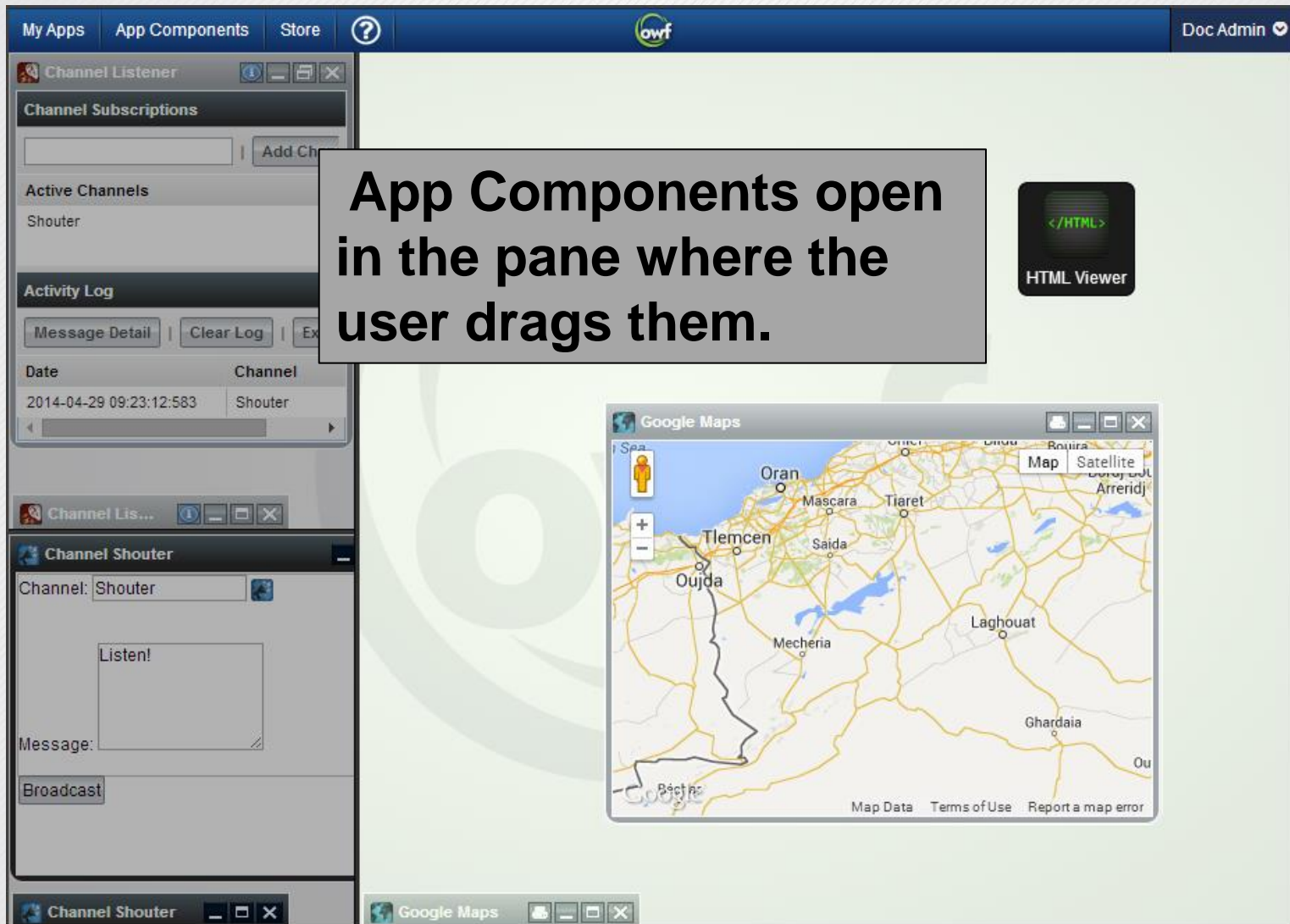
Adding App Components



The screenshot shows the OWF application interface. At the top, a blue navigation bar contains the text 'My Apps', 'App Components' (which is circled in green), 'Store', and a help icon. The 'owf' logo is centered in the bar, and 'Doc Admin' with a checkmark is on the right. Below the navigation bar, a horizontal menu displays eight app components: 'Load Time Log' (blue puzzle piece icon), 'Channel Listener' (red ear icon), 'Channel Shouter' (blue megaphone icon), 'NYSE App Component' (blue NYSE logo icon), 'HTML Viewer' (black icon with green </HTML> text), 'Stock Chart' (blue line graph icon), 'Directions' (yellow diamond icon with black arrows), and 'Google Maps' (blue globe icon). Four green arrows originate from the first four components and point downwards to a large, empty white rectangular area representing an application canvas. A grey text box with a black border is positioned on the right side of the canvas, containing the instruction: 'Drag app components from the menu to the App.'

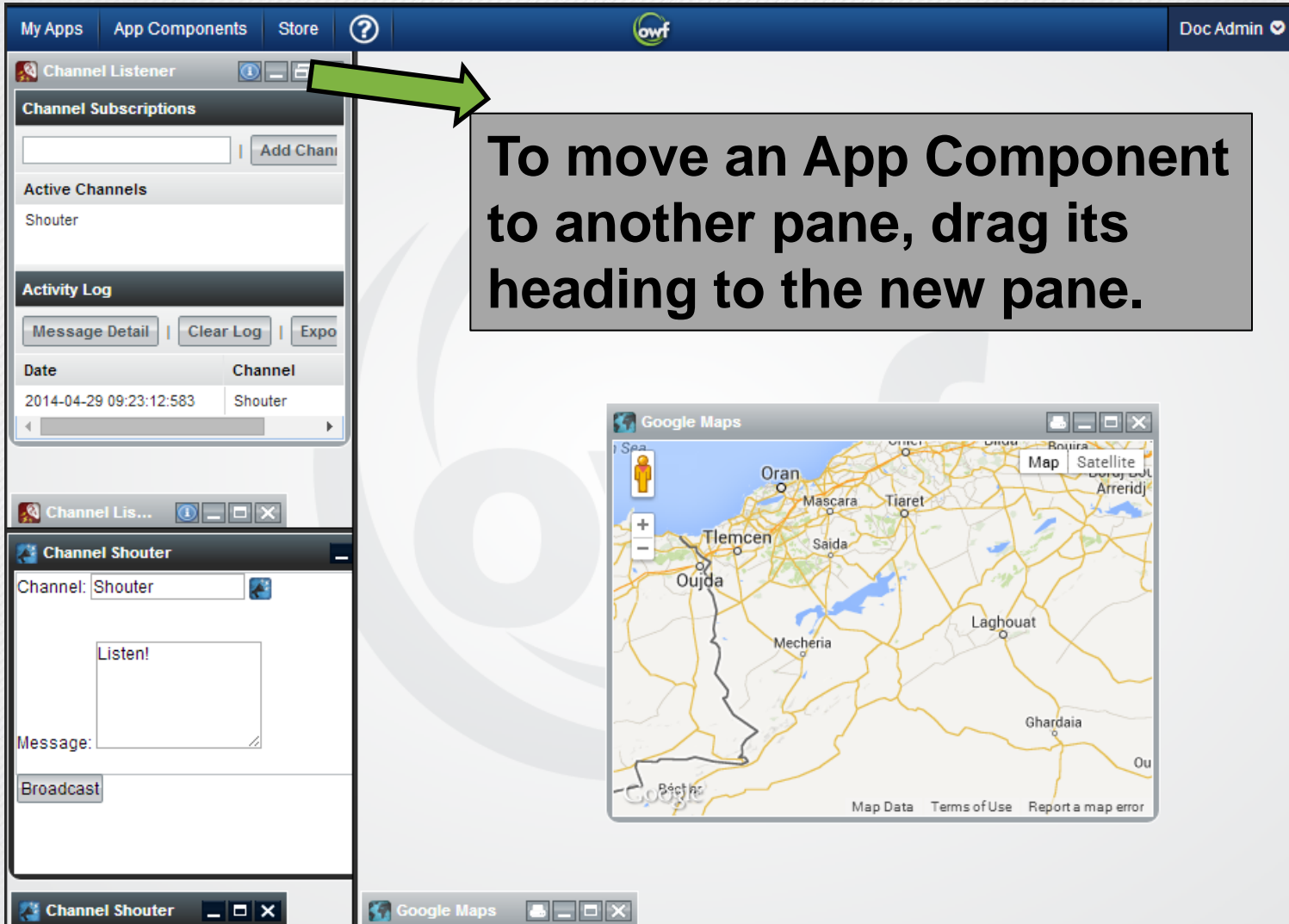
Adding App Components

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. The 'App Components' pane on the left contains several components: 'Channel Listener' with 'Channel Subscriptions' and 'Active Channels' (listing 'Shouter'), 'Activity Log' with 'Message Detail' and 'Clear Log' buttons, and 'Channel Shouter' with a 'Listen!' button and a 'Message:' input field. The main workspace area shows a 'HTML Viewer' component with a green '</HTML>' icon and a 'Google Maps' component displaying a map of Algeria with various cities labeled. The 'Doc Admin' user name is visible in the top right corner.

Using App Components



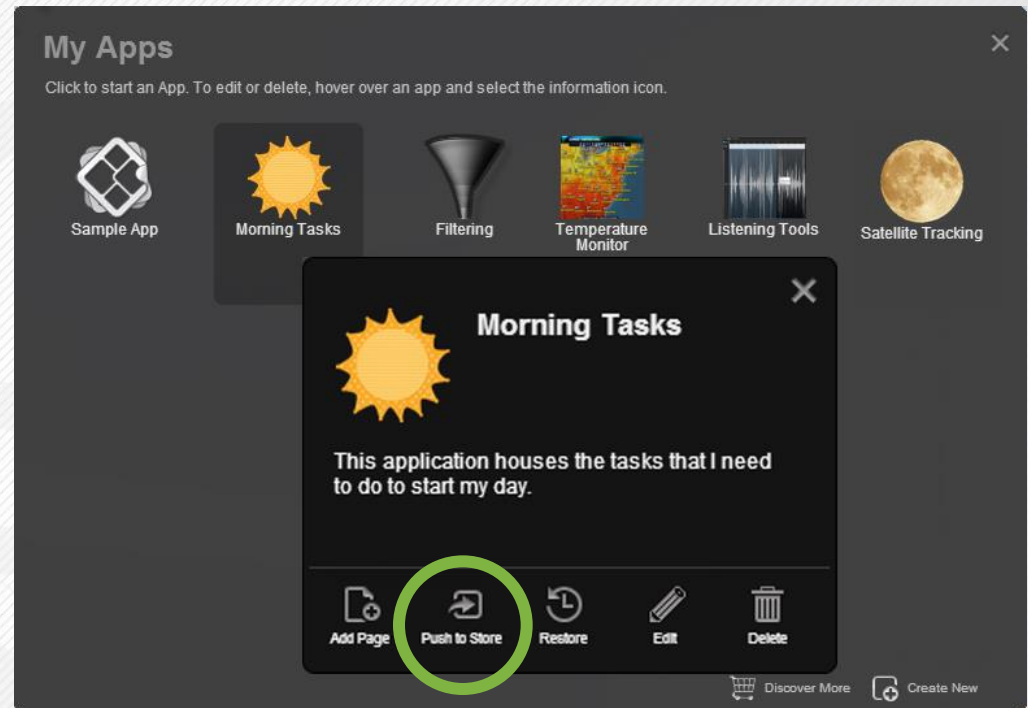
The screenshot shows the OWF application interface. The top navigation bar includes 'My Apps', 'App Components', 'Store', and a help icon. The 'App Components' tab is active. On the left, there are two panels: 'Channel Listener' and 'Channel Shouter'. The 'Channel Listener' panel has sections for 'Channel Subscriptions', 'Active Channels' (showing 'Shouter'), and 'Activity Log'. The 'Channel Shouter' panel has a 'Channel' dropdown set to 'Shouter', a 'Listen!' button, a 'Message' input field, and a 'Broadcast' button. A green arrow points from the 'Channel Listener' panel header to a text box. To the right, a text box contains the instruction: 'To move an App Component to another pane, drag its heading to the new pane.' Below this, a 'Google Maps' window is open, showing a map of Algeria with cities like Oran, Tlemcen, Oujda, and Laghouat. The bottom status bar shows 'Channel Shouter' and 'Google Maps' tabs.

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

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