



ACTIVE Content Manager Mobile Administration Guide

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ACTIVE Network™

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Introduction to ACM Mobile

Overview

The purpose of a Mobile version of your website is to put the most important components of your business into the palm of your visitor's hands. Due to costs of cellular airtime and downloads, your mobile site should allow visitors to quickly find the information they need but still be able to browse the rest of your site if they choose.

The ACM Mobile Framework allows for the ability to render any ACM page and site in a specific mobile design based on device type. It does not require that you create a separate site but rather uses a list of device types to identify the device and render an assigned template in the device browser.

This document is intended for those with a working knowledge of all parts of the ACTIVE Content Management system.

Technical Support

Technical support is available through the online support center at:

customerportal.ACTIVENetwork.com

In order to use this site you must have a valid user name and password. If unsure, please try the Forgot my password link to check for an existing login.

Support Telephone: 604.431.4636

Toll free Support: 1.800.663.4991

Support email: ACMSupport@ACTIVENetwork.com

Important Mobile Concepts

There are a few things to consider before embarking on the development of your mobile site. Knowing how you wish to address each of these items will assist you in planning and deploying your Mobile site. This section outlines a few of those considerations.

Why is Mobile Important?

Mobile Browsing now accounts for more than 6% of all web browsing traffic on the internet. This does not seem like a large number but consider the fact that the 4th most popular web browser available (Apple's Safari) only accounts for 6% of web traffic. More and more companies are jumping into the Mobile arena with smarter devices. Service rates are dropping and mobile coverage is growing in both expanse and speed in order to support the growing demand from consumers.

Why should Mobile be different than my normal site?

There are two main reasons for this:

1. Many mobile devices do not support different aspects of standard web design. Some devices do not support Flash while others struggle with JavaScript. Creating a Mobile specific design allows users to browse your website without running into things that will cause their mobile browser to fail.
2. Due to the fact that many people who use mobile browsers do so with a cellular data plan, the cost of browsing a full website with all its images can be high. Creating a mobile design allows you to:
 - a) provide the most popular or most useful links on the Mobile home page to minimize the time spent browsing *and*
 - b) limit image sizes to reduce data transfer.

What would a Mobile visitor be looking for on your Website?

Consider your business and what type of information visitors are usually looking for on your Website. These items should be readily available on your Mobile site so that visitors do not need to spend a lot of time looking for them on their mobile devices. Any analytics engine (Google Analytics, Webtrendz, Urchin, etc.) that you have on your website will help you identify this type of content. Note the top items and consider if you want to highlight them on your Mobile home page.

What do you want a Mobile visitor to find on your Website?

Just as important as what visitors might be looking for is what you would like them to find. Perhaps you have a mobile application that visitors can download to browse your academic calendar or submit an incident for review, or perhaps you want to highlight your top stories. All of these should and can be highlighted on your mobile home page even though they may be a few levels deep in your normal website. Identify the most important features you want mobile visitors to find quickly.

Do you want different looks for different Mobile Devices?

ACM Mobile can support different designs for more than 30 device types. When considering Mobile, consider the types of devices in the marketplace and consider providing only a couple different mobile designs.

ACM already includes a default text only mobile template that can be used for non-smartphones. You can certainly provide as many different designs based on brand or OS as you desire. Identify those devices to determine how many designs you'd like to create. Note that you can add designs any time.

Who creates the Mobile designs?

Creating Mobile Design Templates is the same process as creating a standard ACM Design Template. If you have expertise within your organization, they will be able to create mobile designs easily. If you use ACTIVE's design services or a third party designer, contact your ACTIVE Account Manager to schedule the design process. We will work with third party design companies to get them started.

Getting Started

There are a number of steps to complete before you are ready to begin building your mobile designs and adjusting page content. This section describes those steps.

License

ACM Mobile is a Licensed Feature. In order to use it you will need to add the *Ironpoint.CM.WebUI.Admin.MobileDeviceManager.lic* license file to the /bin folder on your ACM server. Once licensed, the features needed for Mobile management will appear in ACM.

To obtain the license, contact your ACTIVE Network, LLC Account Manager.

Enabling your ACM Instance for Mobile

The instance must be enabled for mobile before many of the mobile options are available and configurable. To enable the instance:

1. Under the Admin Center, select **Configuration Files**.
2. Select the **Ironpoint.config** tab
3. Enable the **MobileDeviceManager** Feature
4. Click **Save**.

Enabling your Site for Mobile

Each site within your instance of ACM can be individually enabled for mobile support. To enable a site:

1. Under the Admin Center, select the **Sites Manager**.
2. Select the site on which you'd like to enable Mobile.
3. Check the **Enable Mobile Device Support** Checkbox.

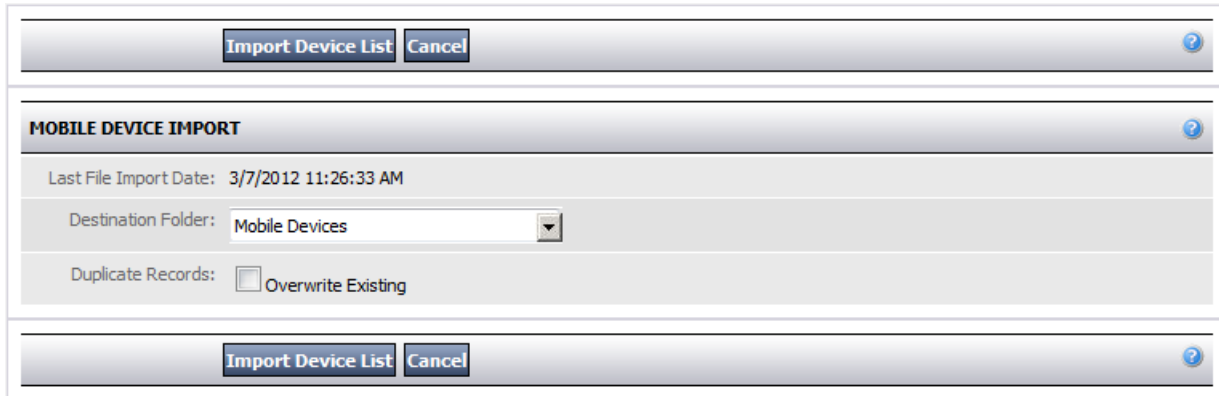
SITE DETAILS	
Active:	<input checked="" type="checkbox"/>
Site Name: <small>REQUIRED</small>	<input type="text" value="Demo Site"/>
Default Email: <small>REQUIRED</small>	<input type="text" value="david.ziegler@active.com"/>
Email Display Name: <small>REQUIRED</small>	<input type="text" value="Dave"/>
Personalization:	<input type="radio"/> None <input checked="" type="radio"/> Allowed <input type="radio"/> Required
Enable Mobile Device Support:	<input checked="" type="checkbox"/>
Site Group:	<input type="text" value="(none)"/> ▼

4. Save the Site.

Import Device List

In order to provide device detection and to allow you to organize your device types, a list of mobile device types supported should be imported into the Mobile Device Manager. The default device types are stored in the **MobileDeviceTypes.config** file in the bin folder. Users can also import device types into the folder of each site group. To import device list, follow these steps:

1. Under the Admin Center, select **Mobile Device Manager**.
2. Click the **Import Device List** button.



The screenshot shows a web-based dialog box titled "MOBILE DEVICE IMPORT". At the top, there are two buttons: "Import Device List" and "Cancel". Below the title bar, the dialog contains the following fields:

- "Last File Import Date:" followed by the text "3/7/2012 11:26:33 AM".
- "Destination Folder:" followed by a dropdown menu currently showing "Mobile Devices".
- "Duplicate Records:" followed by a checkbox labeled "Overwrite Existing", which is currently unchecked.

At the bottom of the dialog, there are again two buttons: "Import Device List" and "Cancel".

3. Leave the **Destination Folder** as Mobile Devices. This is the root folder and you may move your device types later.
4. If you wish to overwrite any existing entries with the contents of the config file, check the **Overwrite Existing** checkbox. If this box is selected, two things will occur:
 - a. All devices will be overwritten with the contents of the file. This is OK for the most part.
 - b. The **Overwrite Folders** checkbox will appear. If you have moved devices from a main folder into other folders (described later in this document), you can choose to have the devices in those folders overwritten or not when you upload a new .config file.
5. Click the **Import Device List** button to start the import.

Planning Your Mobile Design

Now that you have a list of your device types and determined how many Mobile designs you will support, you can start building out your designs.

There are a few methods that can be used to create Mobile designs. They can all be used together or only some of them can be used. They each have their pros and cons and there is a priority order in which template is assigned at the time of page rendering. Prior to beginning your mobile deployment you will want to think about how you wish to present your mobile site. Ask yourself the following questions.

Do I wish to have a different design for my home page or any other page on my site?

If yes, note the pages. For instance, your homepage will likely have a separate design from the rest of your site. The easiest thing to do is consider the templates currently available on your normal website. You may have a home page template, level two and even a level three.

For the example in this document, only the homepage will be unique from the rest of the site.

Do I wish to have device type specific templates?

That is, when an iPhone or iPod Touch lands on a page, you would like to render a template specific to that device type. Even though ACM can support different templates for each device type, a number of device types can make this difficult to manage.

Do I wish to have folder specific templates?

That is, if a person visits your site on a device that you have added the type to a folder you created in the Mobile Device Manager, use a template that you have created for that group of device types. This is similar to device specific design but easier to manage because it includes a number of similar device types into a single folder.

Do I wish to have a Default Mobile Template for my site?

The answer is yes and you already do. There is a default mobile template that will be used for all devices for which a custom template has not been defined. The default template can be edited in the Design Package but should be left very simple and free of images. This is because this is the template that will be used for non-smartphones that are web enabled.

Do I wish to have a Default Mobile Template for my system?

Again, the answer is yes and you already do. In the event that you have enabled mobile browsing, uploaded the Mobile Device Types file but have removed your site default template and not created any folder specific templates, mobile visitors to your site will still be supported using the simple, plain text system default mobile template.

Creating Your Mobile Design

You have taken the preliminary steps above and now you are ready to start creating some design templates for mobile devices. The process is very similar to the standard design process.

Downloading the Site Design Package

1. Under the Admin Center, click on the **Site Design Manager**.
2. Click on **Manage Templates**.
3. Click on the most recent design package to begin the download.
4. Once downloaded, unzip the package to a convenient location such as your desktop.

Once you have downloaded and unzipped the package, have a look for the new, mobile specific items (you may have noticed them prior to this). There may be:

- **MobileDeviceDefaultDesignTemplate.htm** – this is the site default mobile template mentioned earlier in this document. This template will be used when no custom template is assigned to a device.
- **Mobile Device Folder Templates** – this folder is where you will store your Device and Device Folder specific design files.

If these do not exist, instructions for their creation can be found later in this document.

Understanding the Mobile Design Hierarchy

Since ACM has a number of methods for implementing mobile templates, it must assign a priority to each method so that if two or more methods are present, the system can tell which should take precedence. The design hierarchy is as follows starting with the highest in priority.

If there is a Page Specific Design Template, use it

Page Specific Design – included in the sitedesignmanifest.xml and assigned to a page in the Site Design Manager (like normal templates), page specific design templates are given the highest priority.

If there is no Page Specific Design Template, use the Device Type Specific Design Template

Device Type Specific Design – separate template named after the device type and included in the Mobile Device Folder Templates.

If there is no Device Specific Design Template, use the Folder Specific Design Template

Folder Specific Design – separate template named after a folder created in the Mobile Device Manager and applied to device types moved to that folder.

If there is no Folder Specific Design Template, use the Site Default Mobile Template

Site Default Mobile Template – MobileDeviceDefaultDesignTemplate.htm included in the site design package by default.

If there is no Site Default Mobile Template, use the System Default Mobile Template

System Default Mobile Template - MobileDeviceDefaultDesignTemplate.htm included in the cmsroot\system folder on the web server.

Each of the levels in this hierarchy is described below.

Creating a Page Specific Design Template

A page specific design template allows you to create mobile designs using the same method as you would for a standard design package. You can create a template, upload it and apply it to a page and its children through the site design manager. This is the ideal method if you wish to have a unique design for particular page or set of pages. An example of this might be that you wish to have a different design and layout for your home page than the rest of the pages in your site.

Download the Template Package

1. Navigate to the **Site Design Manager** in the ACM Admin Center.
2. Click the **Manage Templates** button.
3. Download the latest template package by selecting the top most zip package in the list. Save it to a convenient location such as your desktop and unzip it.

Modify the Template Package

4. Create your template.htm file or files and corresponding CSS file(s). If you wish to create a unique template for your home page, you should do so for each device or group of devices for which you intend to provide a unique design. For the example in this document, you can create two new templates, one for Smartphones and the other for non-smartphones.



Note You do not *need* to create a separate homepage design for non-smartphones as the MobileDeviceDefaultDesignTemplate will usually suffice for simpler phones and will be used across the whole site.

5. Open the **SiteDesignManifest.xml** file and add an entry for the new template or templates you have added. The entry should look similar to this:

```
<Template>
  <ID></ID>
  <Name>Mobile-Home-Smart</Name>
  <FileName>SmartPhone-Home.htm</FileName>
  <Type>2</Type>
</Template>
```

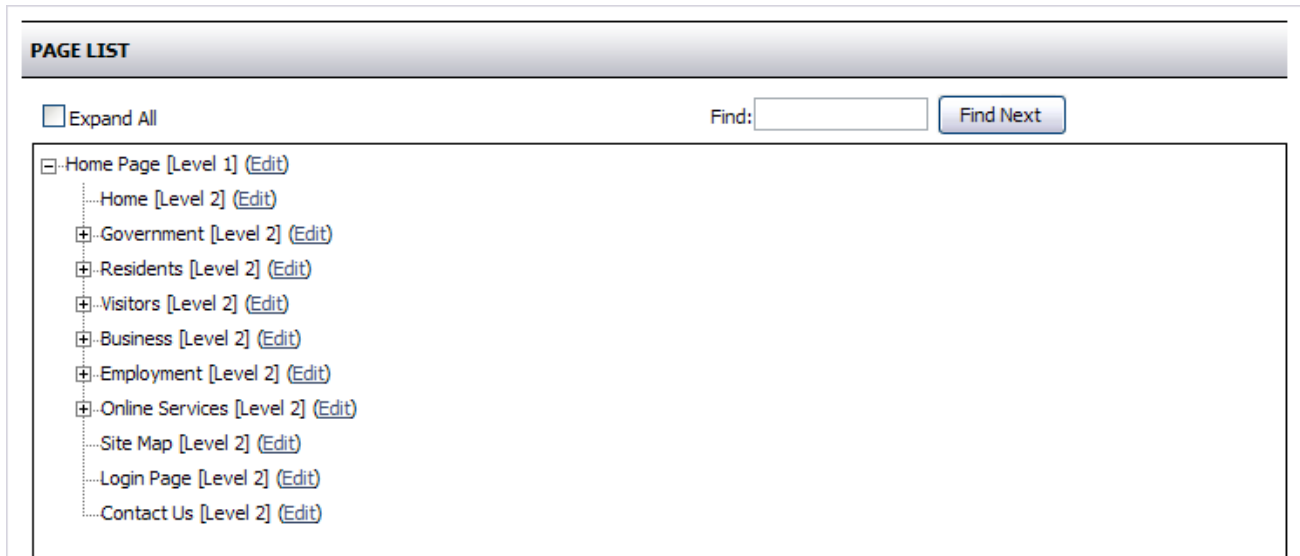
- a. The **<ID>** element should be empty initially as ACM will assign an ID when you upload the new template.
 - b. The **<Name>** element should be a recognizable name. This name value will appear in the ACM UI when you assign your template.
 - c. The **<FileName>** element must contain the name of the new template file you created in step 4 above.
 - d. The **<Type>** element must contain the number **2**. The 2 value tells the system that this is a mobile template versus a normal template (1).
6. Save the **SiteDesignManifest.xml**.
 7. Make sure any images or CSS used in the mobile templates are included in the design package then zip up the package for upload.

Upload the Template Package

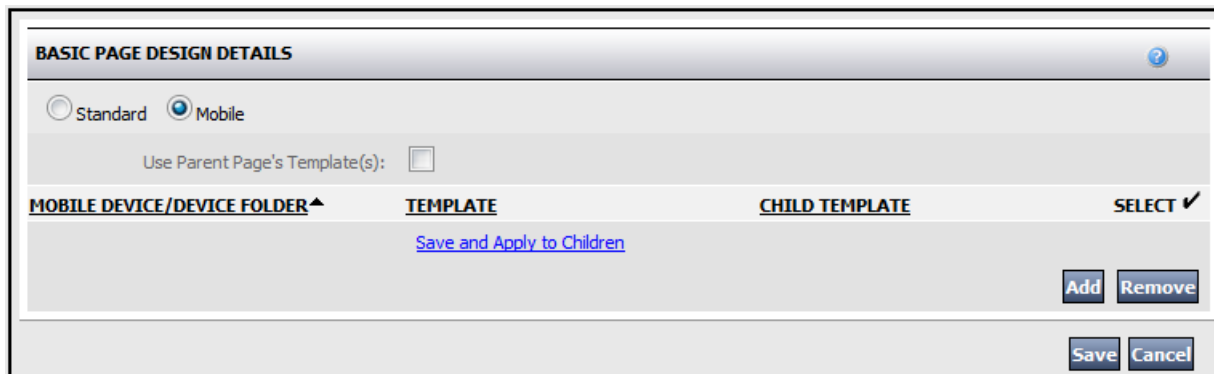
8. Return to the **Site Design Manager** in ACM and click the **Manage Templates** button.
9. Click the **Upload Template Package** button to upload the design package you just updated.
10. Preview the designs if you choose or click Skip Preview to complete the upload.

Apply the Mobile Template to Pages

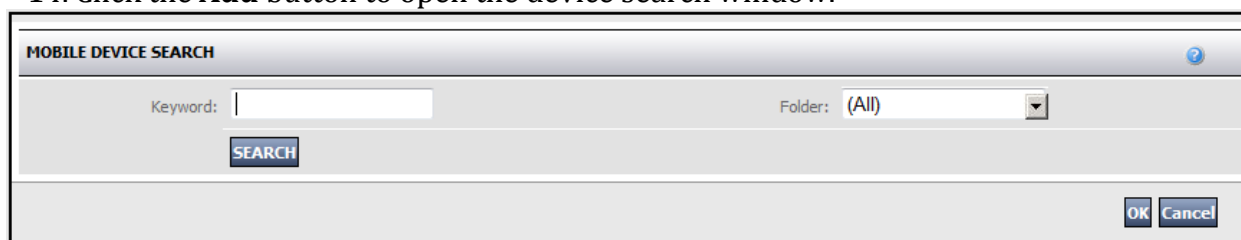
11. In the site design manager, open the site structure to view the page to which you wish to apply the mobile template.



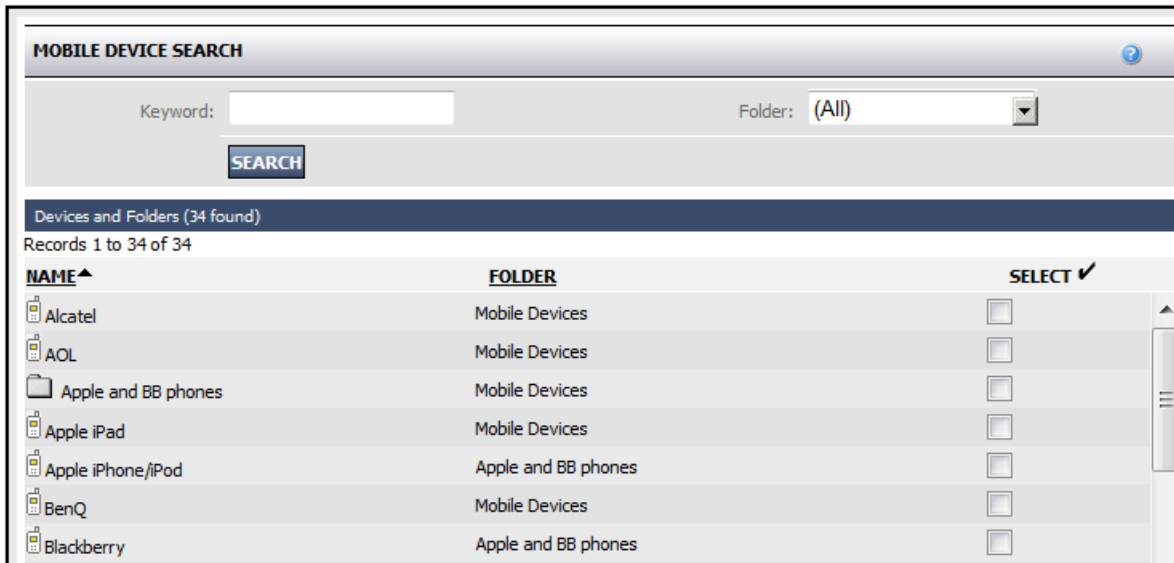
12. Click the **Edit** link beside the page title to open the **Page Design Details** pop-up box.



13. Select the **Mobile** radio button at the top of the window.
14. Click the **Add** button to open the device search window.



15. Use the search fields to search for all device types or folders. Results will be listed.



MOBILE DEVICE SEARCH

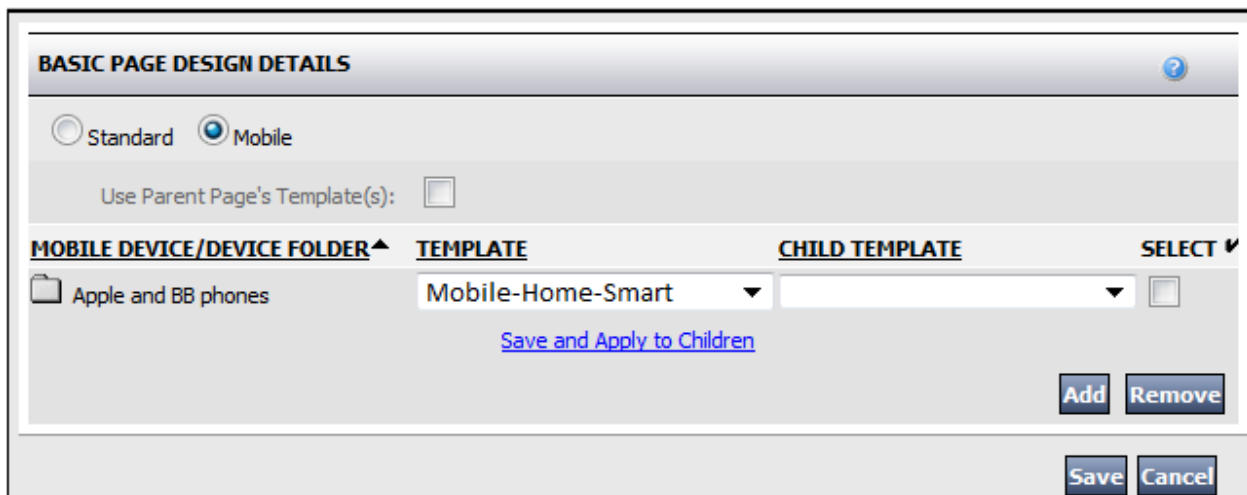
Keyword: Folder: (All)

Devices and Folders (34 found)
Records 1 to 34 of 34

NAME	FOLDER	SELECT
Alcatel	Mobile Devices	<input type="checkbox"/>
AOL	Mobile Devices	<input type="checkbox"/>
Apple and BB phones	Mobile Devices	<input type="checkbox"/>
Apple iPad	Mobile Devices	<input type="checkbox"/>
Apple iPhone/iPod	Apple and BB phones	<input type="checkbox"/>
BenQ	Mobile Devices	<input type="checkbox"/>
Blackberry	Apple and BB phones	<input type="checkbox"/>

16. Select the checkmark icon in the **Select** column header to select all device types/folders or check the box for individual device types/folders.

17. Click **OK**. You will be returned to the **Page Design Details** window.



BASIC PAGE DESIGN DETAILS

☐ Standard ☒ Mobile

Use Parent Page's Template(s): ☐

MOBILE DEVICE/DEVICE FOLDER	TEMPLATE	CHILD TEMPLATE	SELECT
Apple and BB phones	Mobile-Home-Smart		<input type="checkbox"/>

[Save and Apply to Children](#)

18. The selected devices are listed with a template option. In this example, the **Mobile-Home-Smart** template is applied.

19. If you wish to apply the template to the child pages, click the **Save and Apply to Children**. For this example, we will **NOT** click this link.

20. Click **Save** to apply the template to the page.

In the above example, we have told the system to render the **Mobile-Home-Smart** template on the page whenever a device of the types listed within the **Apple and BB phones** folder visits the page.

If anything other than those device types visits the page, the system will either render the normal design template (normal web browsers) or the Mobile Default Design Template (for other types of mobile devices). You may add more folders or individual device types to this list at any time. If you have other templates to apply, repeat steps 11-20 for each page or section of your site.

Device Specific and Folder Specific Design

Even though device type specific design will take precedence over folder specific design when templates are rendered by the system, the process to create these designs is nearly the same for the two methods. As mentioned previously, Device Type Specific design can quickly get cumbersome as you must create a unique template for any of the more than 30 device types in the Mobile Device Manager. Unless you are creating a design for a specific and unique device type such as the Apple iPad, it is recommended that you use the folder specific design method.

Folder specific design is the easiest and fastest method for applying mobile design on your website. Templates are assigned based on how you have organized your devices in folders in the Mobile Device Manager (see this document for details).

In this document, you have already seen how you can apply a unique template to a specific page. This was done for the home page in the previous section. This section will show you how to use folder specific design to support mobile design on the rest of your site.

Download the Template Package

1. Navigate to the **Site Design Manager** in the ACM Admin Center.
2. Click the **Manage Templates** button.
3. Download the latest template package by selecting the top most zip package in the list. Save it to a convenient location such as your desktop and unzip it.

Create the Mobile Device Folder Templates Folder

4. In the root template folder, create a new folder called **Mobile Device Folder Templates**. The name is important as the system will look for this folder.
5. Within this folder, create two additional folders for **Images** and **CSS**.

Create your Mobile Template

6. Create your template.htm file or files and corresponding CSS file(s). When naming your template files, they must match the name of the folders you created in the Mobile Device Manager. For example, if you created a “Smartphones” folder in the mobile device manager, the template to be applied to Smartphones should be named “Smartphones.htm”. If you are creating device specific templates, the name of the template must match the device name as displayed in the Mobile Device Manager.



Note Save your Mobile CSS and images in the two sub-folders you created in step 5. When referencing these files within your htm file, use the path /images/picturename.jpg and /css/mobile.css respectively as the *Mobile Device Folder Template* is considered the root folder in this case.

7. With this method, you do **NOT** need to update the SiteDesignManifest.xml file so simply zip up the template package.

Upload the Template Package

8. Return to the **Site Design Manager** in ACM and click the **Manage Templates** button.
9. Click the **Upload Template Package** button to upload the design package you just updated.
10. Preview the designs if you choose or click Skip Preview to complete the upload. Note that the designs created in this section will not appear in the preview.

In the above example, we have told the system to render the **Smartphones.htm** template for all devices in the **Smartphones** folder in the Mobile Device Manager. The system will do this for all pages on the site except those that have had a specific template applied to the page (home page in this case). If anything other than a “Smartphone” device visits the page, the system will either render the normal design template (normal web browsers) or the Mobile Default Design Template (for other non-Smartphone mobile devices).

MobileDefaultDesignTemplate.htm

The MobileDefaultDesignTemplate.htm will be included in both the Site’s design package and in the \cmsroot\system. The default templates will be used if no mobile template has been assigned to a page for a set of devices or if there is no device or folder specific template.

You can edit the MobileDefaultDesignTemplate.htm file in order to include your organization name but other than that it should remain very simple so that it renders well on even the simplest mobile devices. No images should be included in this template as some devices support text only. Below is an example of the default code in the template.

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
<html>
<head>
  <title>ACM Default Mobile Device Template</title>
  <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
</head>
<body>
  <IronPoint>PageType</IronPoint>
  <div class="ipf-PageChildlinks"><ironpoint>Childlinks</ironpoint></div>
</body>
</html>
```


Mobile.css

Similar to standard ACM design templates, mobile design templates rely on CSS. A good start to creating your Mobile.css is to create a copy of the Default ACM CSS file and rename it. A web designer will need to make modifications for device resolution and any other changes you desire. If you are supporting multiple groups of devices or resolutions, you may need multiple mobile css files. Name them to match the devices they support (ex. Smartphones.css).

Depending on what design method you are using, you will need to store your CSS in a specific location:

Page Specific Design Templates

Since these are stored in the root template folder, the CSS file should be in the CSS subfolder:
\templates\CSS

Device or Folder Specific Design Templates

Since these are stored in the “Mobile Device Folder Templates” folder, the CSS file should be stored in the CSS subfolder you created under this folder: **\templates\Mobile Device Folder Templates\CSS**

Mobile Default Design Template

Since the system looks for this in either the root template folder or in the system folder, any referenced CSS should reside either in the **\templates\CSS** folder or the **\cmsroot\system\CSS** folder respectively.

MobilePagetype.css

The Pagetypes.css controls a number of layout options for the ACM page types. In order to have your page types present in a readable manner on a Mobile device, you will need to create a mobile specific pagetype.css file. Start by copying your existing pagetype.css file and make the necessary modifications. If you are supporting multiple groups of devices or resolutions, you may need multiple mobile page type css files. Name them to match the devices they support (ex. Smartphones-Pagetypes.css).

Depending on what design method you are using, you will need to store your page type CSS in a specific location:

Page Specific Design Templates

Since these are stored in the root template folder, the page type CSS file should be in the CSS subfolder: **\templates\CSS**

Device or Folder Specific Design Templates

Since these are stored in the “Mobile Device Folder Templates” folder, the page type CSS file should be stored in the CSS subfolder you created under this folder: **\templates\Mobile Device Folder Templates\CSS**

Mobile Default Design Template

Since the system looks for this in either the root template folder or in the system folder, any referenced page type CSS should reside either in the **\templates\CSS** folder or the **\cmsroot\system\CSS** folder respectively.

Creating your Mobile Content

There may be both page content and a number of pagelets used in the normal design template to provide features that fit well within a normal computer-based web browser but do not scale well to a mobile device. ACM provides the ability to present a different arrangement or set of pagelets on mobile devices so that you can:

1. highlight important components or special mobile features, *and*
2. eliminate some features that don't translate well to mobile (eg., Text resizing).

Creating Mobile Pagelets

In most cases you can use your existing pagelets on your mobile site and simply adjust for layout using the Mobile Pagetype.css. If you do want to create some specific mobile pagelets, create a "Mobile" Category pagelet in the Syndication Manager and store your Mobile Pagelets under that category.

Assigning Mobile Pagelets

Similar to the standard ACM design process, there are two methods of assigning pagelets to your mobile template. Hard-coded within the template and added on the Pagelets tab in edit mode of your page.

Hard-coded Pagelets

Hard-coded pagelets allow you to permanently assign a pagelet to a pagelet zone within the template. Doing so removes the need for you to have each child page inherit its parent's pagelet or to force the pagelets down to the child pages from the parent. There are drawbacks to hard-coded pagelets, namely they do not appear in the grid within the pagelets tab in edit mode of the page and if a pagelet is archived, you must update the template file accordingly. Hard-coded pagelets can be overwritten simply by adding a pagelet into the zone of the hard-coded pagelet through edit mode of the page.

To create hard-coded pagelets, simply add the PageDefID of the pagelet to the pagelet Ironpoint tag in your template like this:

```
<ironpoint PageDefID=123>pagelet</ironpoint>
```

The PageDefID of a pagelet can be found in edit mode of the pagelet. You can still get directly into edit mode of a hard-coded pagelet from view mode of a page.

Assigning Pagelets through Edit Mode of the Page

Assigning pagelets to a page through edit mode of the page is the same for Mobile as it is for your normal site with one exception; you can choose a different set of pagelets depending on the mobile template. This is because different mobile devices can handle different content.

1. Navigate to the page on which you wish to add a pagelet.
2. Go into full edit mode of the page.
3. Select the **Pagelets** tab.
4. Scroll to the bottom of the page until you see the **Mobile Pagelets** section of edit mode.

MOBILE PAGELETS

Mobile Page Template: Default Mobile Template

The order of the pagelet in the template and the following grid represent the pagelet zones. There are 0 zones in the current template.

[Add Pagelet](#) [Inherit Parent Pagelets](#)

ZONE	PAGELET	USE PAGE TEMPLATE	USE PARENT	DEL
------	---------	-------------------	------------	-----





- By default, the Default Mobile Template included in your template package will be selected in the dropdown box. You can see that the system will tell you how many pagelet zones are available in the current template.
- Select a template that has at least one pagelet zone.
- Click the **Add Pagelet** button to add a row to the pagelet grid. The row number corresponds with the zone number.

MOBILE PAGELETS

Mobile Page Template: Smartphones.htm

The order of the pagelet in the template and the following grid represent the pagelet zones. There are 5 zones in the current template.

[Add Pagelet](#) [Inherit Parent Pagelets](#)

ZONE	PAGELET	USE PAGE TEMPLATE	USE PARENT	DEL
1	Mobile Search	<input checked="" type="checkbox"/>	(Save and Force Children)	<input type="checkbox"/> 
2	<< None >>		(Save and Force Children)	<input type="checkbox"/> 
3	What's New		(Save and Force Children)	<input type="checkbox"/> 
4	Right Column - Email Sign-up	<input checked="" type="checkbox"/>	(Save and Force Children)	<input type="checkbox"/> 

- Click the **<< None >>** link in the row to open the **Select Pagelet** pop-up.
- Choose the pagelet you wish to assign to the zone and click **Save**.
- All other controls are similar in nature to non-mobile pagelets. Refer to the *Content Provider Guide* for more information on these controls.
- If you have already defined the pagelets for the parent of this page, click the **Inherit Parent Pagelets** button to apply those pagelets to this page.
- If you wish to push these pagelets down to the child pages of this page, click the **Save and Force Children** link for each pagelet you wish to cascade down.
- Repeat steps 6-12 for all Mobile Templates you have in the system.

Creating Abbreviated Page Content

In some cases, you may wish to remove the main page content altogether and create an abbreviated version of the page content using a pagelet. This is possible by replacing the page type ironpoint tag in the template with a pagelet tag. This method does require the creation of pagelet to show abbreviated content for each page so may not be ideal in every case. For the most part, it will be OK to leave the page content as it is on your normal website.

Page type Support

Various Page types in ACM will render differently in the Mobile templates. Depending on the device that is accessing the page, the page may not render at all. Unfortunately due to the variety of devices available and the options for design, a definitive list of non-supported page types and devices cannot be provided. However, here is some helpful information that will guide you as you build out your Mobile templates.

Smartphones Support Most Pages

Smartphones provide the ability to zoom in and out and have horizontal scrolling so pages such as the Calendar can be viewed easily on a smart phone. There are a few exceptions such as any page that outputs flash or uses a lot of JavaScript. Different brands of phones won't support these types of pages.

Non-Smartphones won't Support Complex Pages

Due to the simplicity of cell phones or other non-Smartphone devices, some of the more complex pages in ACM will not render at all. It is important that you consider which pages you wish to highlight on your mobile site if you want them to work well with non-Smartphone devices. General Content is always the safest page.

Use your Mobile Page type CSS

Many ACM pages can be formatted simply by adjusting the CSS. Since you have created a mobile page type css file, use it to adjust certain page widths to fit the resolutions for the devices for which you are creating designs. The page type CSS can help scale many of the pages to fit a mobile browser.

Consider an Alternate View

This really only applies to the Calendar pages. Using the List or Non-Graphical View of your calendar pages will render far better in a mobile device than the Table or Graphical view. If you are using the new Syndicated Calendar and you like the look of the Table Calendar for your website, consider creating another instance of the same calendar but in list view. The Calendar pagelet also renders well on a mobile devices.

The Results

Website as Viewed in Internet Explorer on a PC

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[What's New !\[\]\(03f1fd7dd6cbe137bbef1bb2f44a7759_img.jpg\)](#)
[Calendar](#)
[I Want To...](#)

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Mayor & Commission to Consider Adoption of New, Official Zoning Map
Vivamus gravida lacinia tellus. Praesent ullamcorper tincidunt metus. Morbi scelerisque, tellus aliquet elementum volutpat, odio ipsum semper augue, a scelerisque est urna et dui. Morbi id magna.



Memorial Park Playground Re-opens
Pellentesque sed tellus nec eros convallis laoreet. Fusce magna magna, egestas in, rhoncus vel, pretium eget, justo. Curabitur quam enim, bibendum quis, ornare id, venenatis feugiat, sapien.



New Tree Conservation Notes
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Donec at orci. Donec consequat. Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia Curae; Aliquam erat volutpat.

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