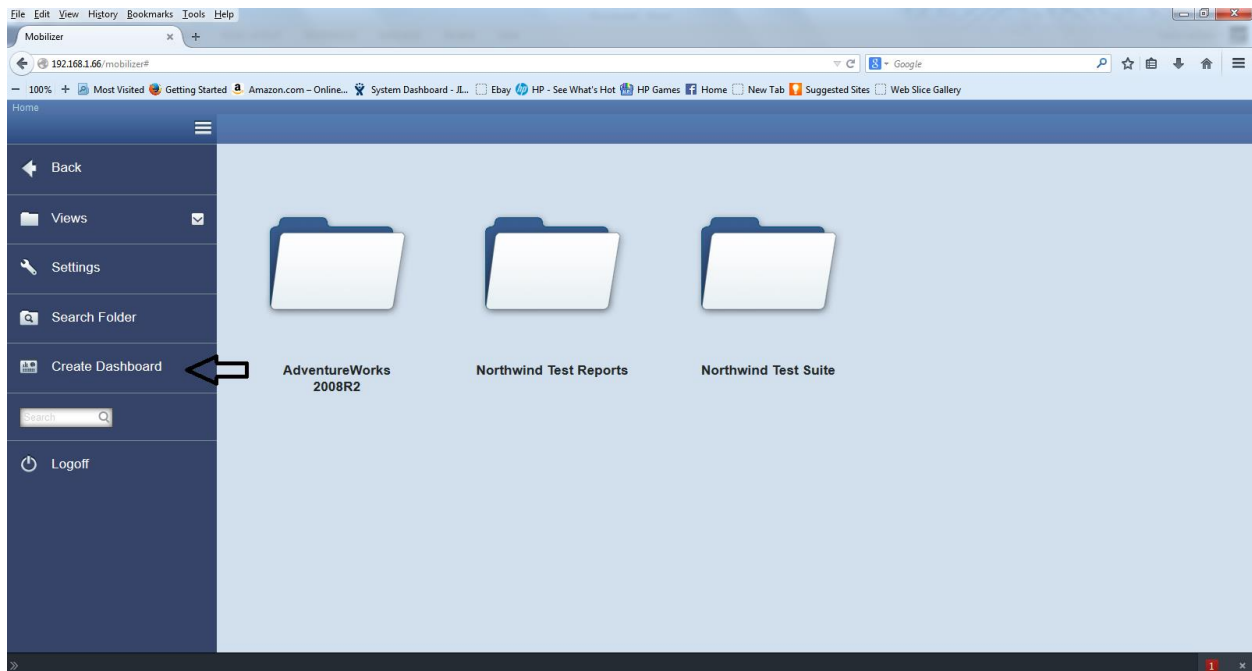# Forerunner Mobilizer Dashboards

Introduction

With Forerunner Mobilizer Dashboard end users can now create dashboard style layouts by combining multiple different reports on a single page that will scroll within a fixed region instead of expanding the page size. Users are now able to edit data with updatable controls. Include information for other applications in your report via an IFrame. You will also be able to easily post data to another application using HTML forms in your report. The side by side layout, for example is a great way to view metric charts. The dashboard feature is extensible and optionally localizable. New dashboard templates can be added and styled based upon CSS styles. New dashboards will show up in the UI and become integral parts of the Mobilizer application. This document describes how to add new dashboard templates.

Creating a Dashboard

To create your dashboard you must have Admin UI enabled from the Settings menu. Open the tool pane and select Create Dashboard. Dashboards can be created on the top level report viewer or inside individual report folders.
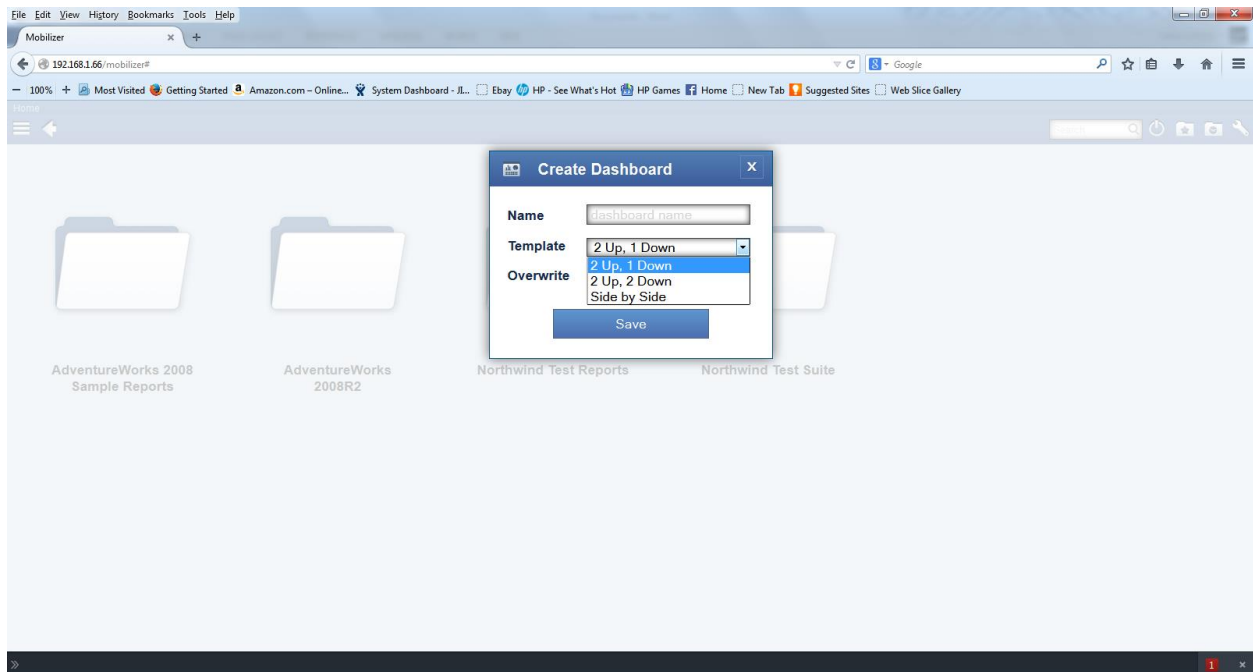
Dashboard Templates

Mobilizer has by default 3 templates:
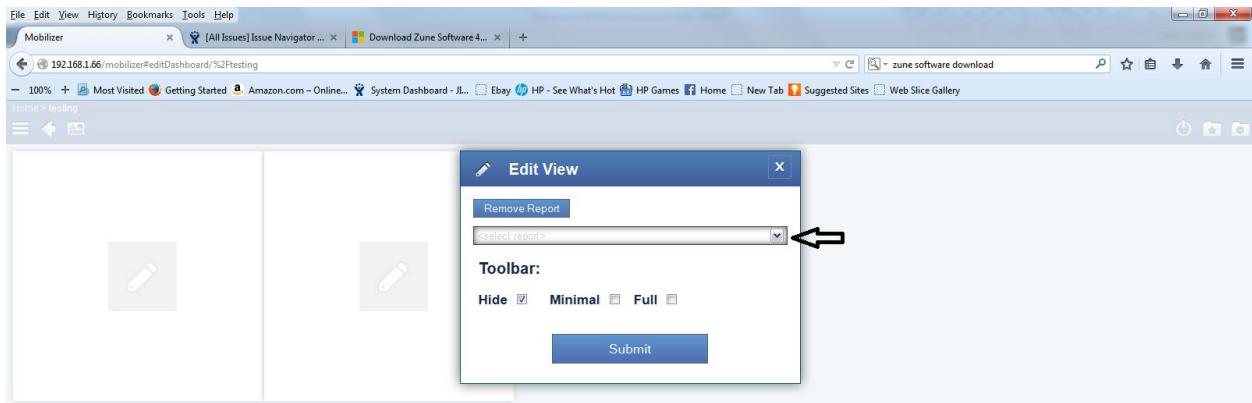
- 2 up, 1 down
- 2 up, 2 down
- Side by Side

These templates give the user a variety of ways to view their dashboards. To begin simply enter a title for your dashboard and a template style. Users also have the option of overwriting a previous dashboard if the name has already been used and they would like to change the template style for that dashboard.

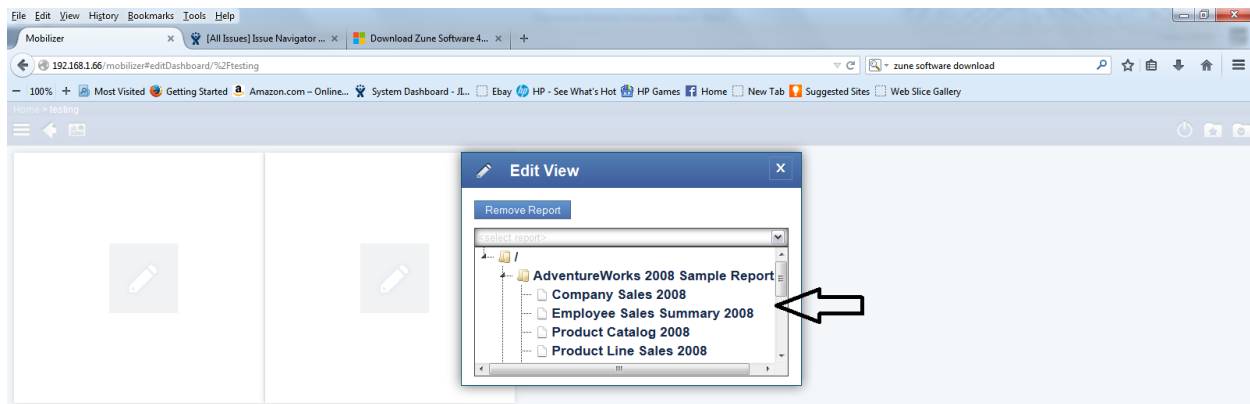Users also have the ability to add their own custom templates for dashboards.

Editing and Viewing Dashboards

Mobilizer Dashboard will default to Edit mode when first created. Select the Edit symbol ✎ in the dashboard. Users will now be able to select any report within Mobilizer to add to the dashboard. Select the drop down box to display the list of report folders:

From the list select a report:

Finally select the type of toolbar to display. There are 3 different toolbar options for the user to select:

- Hide Toolbar
  - This will disable the toolbar within the dashboard.
- Minimal
  - This will display an empty toolbar for reports without parameters. For reports with parameters the user will be able to access the parameter pane.
- Full R
  - This will display all the toolbar buttons based on the size of the screen as well as the tool pane that is standard in non-dashboard reports.
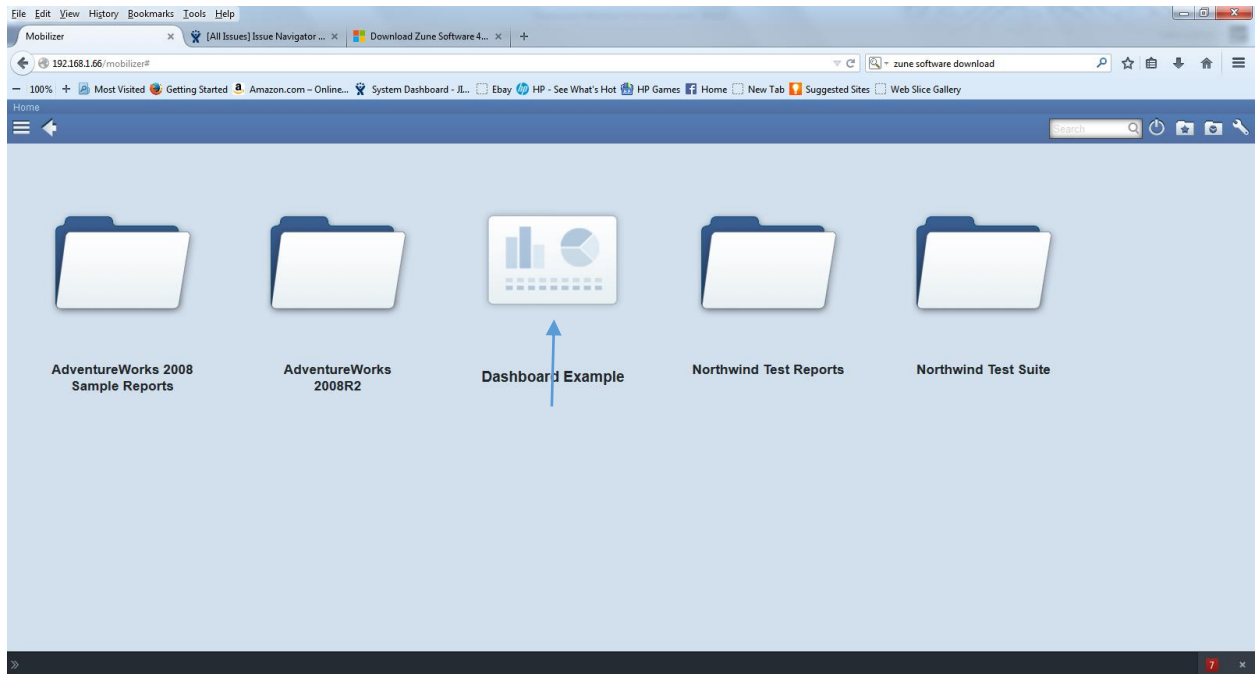
The Administrator may set the parameter, if applicable, for the dashboard in the Edit mode.

Repeat this process for all templates within the dashboard.

To view the Dashboard select the View Dashboard button on the toolbar.

Using the Dashboard

When the dashboard is in View mode users will not experience any difference in functionality from the stand alone report. To access the dashboard from the Main report page or with in the folder select the folder and view the dashboard.

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2008R2

Dashboard Example

Northwind Test Reports

Northwind Test Suite

7   ×

Adding a New Dashboard Template

The set of dashboards known to Mobilizer in the "Create Dashboard" dialog is controlled by the file dashboards-en.txt. This file is installed with Mobilizer and contained in the folder …\Forerunner\Dashboards\dashboards and looks like this:

```
{
 "templates": {

   "2Up1Down": "2 Up, 1 Down",

   "2Up2Down": "2 Up, 2 Down",

   "SideBySide": "Side by Side"

 }

}
```

This is a JSON object where the "templates" member describes the list of available templates. Each template is described by a key value pair such as this:

```
   "2Up1Down": "2 Up, 1 Down",
```

Where "**2Up1Down**" refers to the name of the dashboard template file and "**2 Up, 1 Down**" is the text displayed in the Mobilizer UI in the "Create Dashboard" dialog, "Template" field.

So to add a new template to the drop down you would need to do the following:

- Create a new key value pair in the dashboards-en.txt file
- Create a new dashboard template file. In the case above the file would be called "**2Up1Down-en.txt**"

The Template is now complete.

Dashboard Markup

Each dashboard template file contains a snippet of html which is used by Mobilizer to define the layout and styling of the template. For instance, the file "2Up1Down-en.txt" contains the following html:

```
<div class="fr-2up1down">
   <table class="fr-dashboard-full-width-table">
      <tr>
         <td>
            <div id="Report1" class="fr-dashboard-report-id fr-dashboard-report-container" />
            <div id="Report2" class="fr-dashboard-report-id fr-dashboard-report-container" />
         </td>
      </tr>
   </table>
   <div id="Report3" class="fr-dashboard-report-id fr-dashboard-report-container" />
</div>
```

In the example above, note that each report slot must be marked with the classes:

> fr-dashboard-report-id
>> Used to identify a report slot, this call does not have any CSS styles

> fr-dashboard-report-container
>> Used to style the report slot

Styling a Dashboard

The class fr-dashboard-report-container is used to define the styles for a report slot and is defined in the file: dashboards.css which is in the folder …\Forerunner\Dashboard\css.
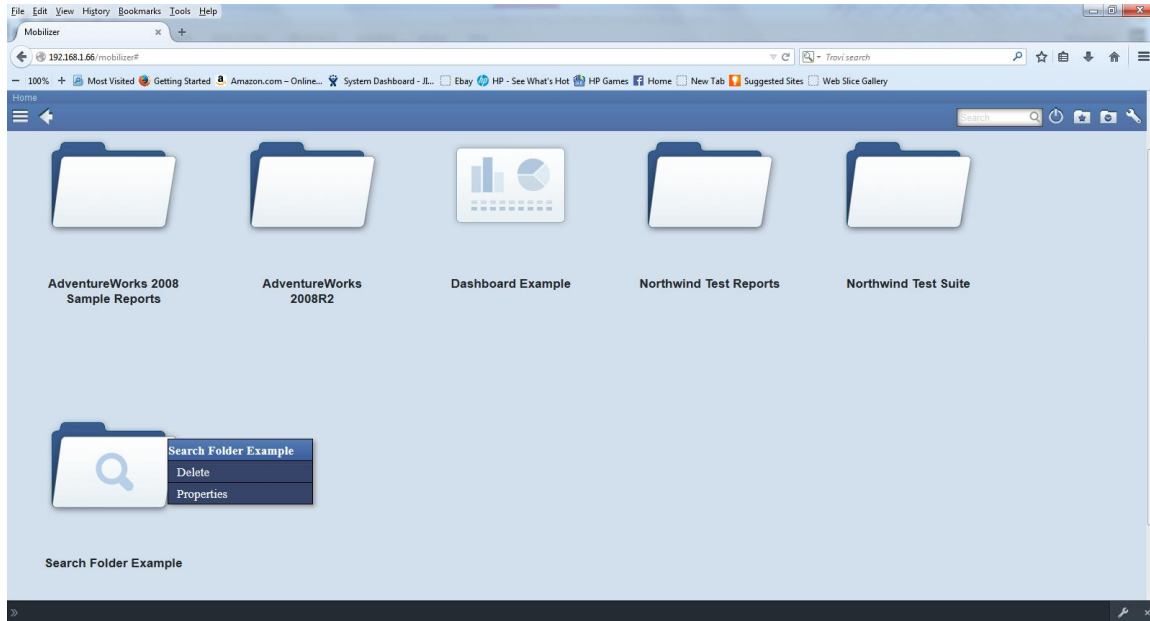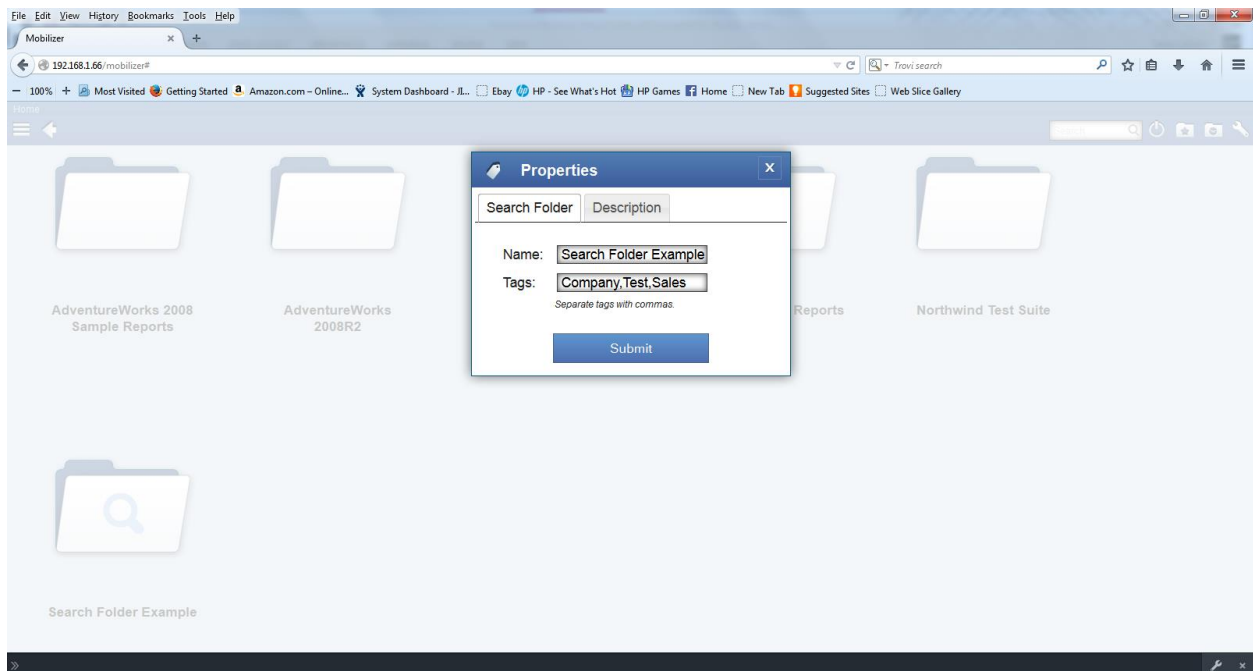
Localization

Currently all dashboard files default to English. It is possible to add language specific versions if needed. Simply create any language specific variant you need, e.g., "dashboards-es.txt" would be for Spanish, and add them to the dashboards folder. Mobilizer will automatically pick up language variants based upon the browser settings.

Deleting of and setting Properties on Folders

Users now have the ability to remove Search Folders from their home screen. To do this select the folder and right click on your mouse. This will bring up the Delete dialog:

Select Delete and the folder will be removed. This dialog will also give the user the ability to change the folder properties without having to access the properties through the tool pane. When the user selects properties they will be given the Properties dialog:

The user may now change the Name, Tags or add a Description to the folder.