



HCP Dashboard

User's Guide

May 19, 2011

bsquare[®]
The Mobile & Embedded Systems Experts

Table of Contents

1	Introduction	3
2	Accessing the HCP Dashboard	3
3	Dashboard Overview	4
4	Current Results vs. Historical Results	7
5	Viewing Pass/Fail Status for the Current Result Set	7
5.1	Category View.....	8
5.2	Test View	8
5.3	Device View	9
6	Viewing the History of Pass/Fail Status	10
7	Viewing MTBCF for the Current Result Set	12
8	Viewing MTBCF History	13

1 Introduction

The Handset Certification Platform (HCP) Dashboard shows the overall status of the TestCases that have been sent by the HCP Sync tool to the Dashboard. The status includes the number of passed and failed tests and the Mean Time Between Critical Failure (MTBCF). The displays can be filtered by OEMs, devices, models, specific tests, and test categories (tests related to alarms, the browser and so forth).

For more information about the HCP Sync tool, see the HCP User's Guide, which is available in the HCP Portal.

2 Accessing the HCP Dashboard

1. Type the following address in a web browser.
2. Enter the User Name and Password provided by BSQUARE.

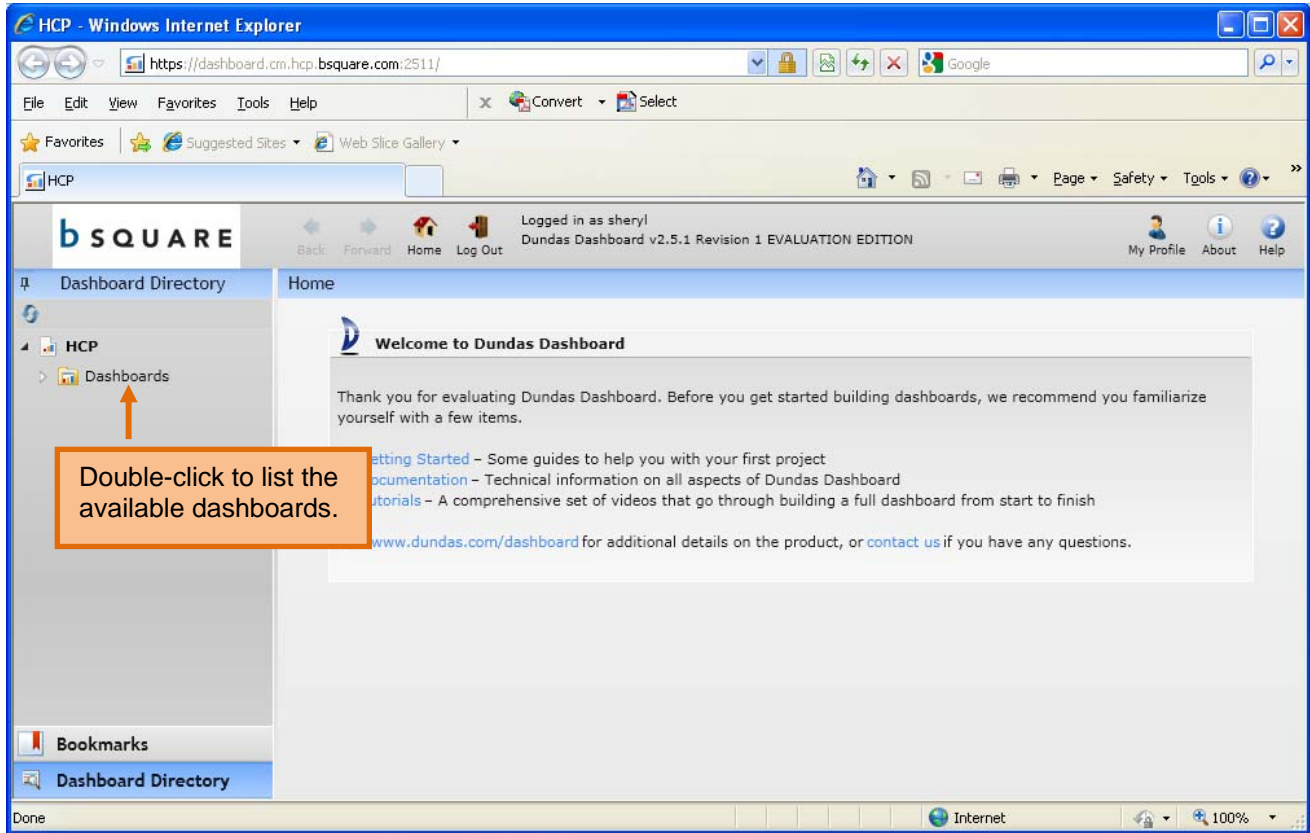
<https://dashboard.cm.hcp.bsquare.com:2511/>



The screenshot shows a login form for the HCP Dashboard. At the top, the BSQUARE logo is displayed. Below it, the text reads "Welcome to HCP" followed by "Please enter your user name and password to log in". There are two input fields: "User Name:" and "Password:". A "Login" button is located below the password field.

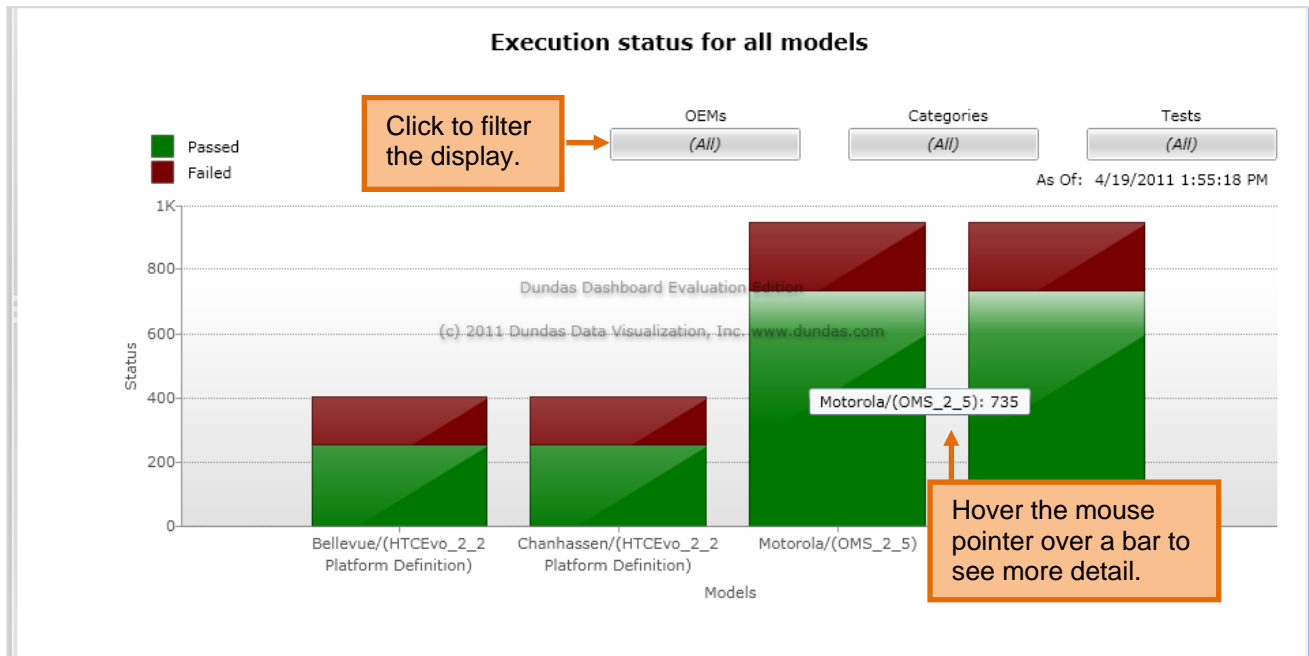
3 Dashboard Overview

Double-click the **Dashboards** node in the Dashboard Directory to list the available dashboards.

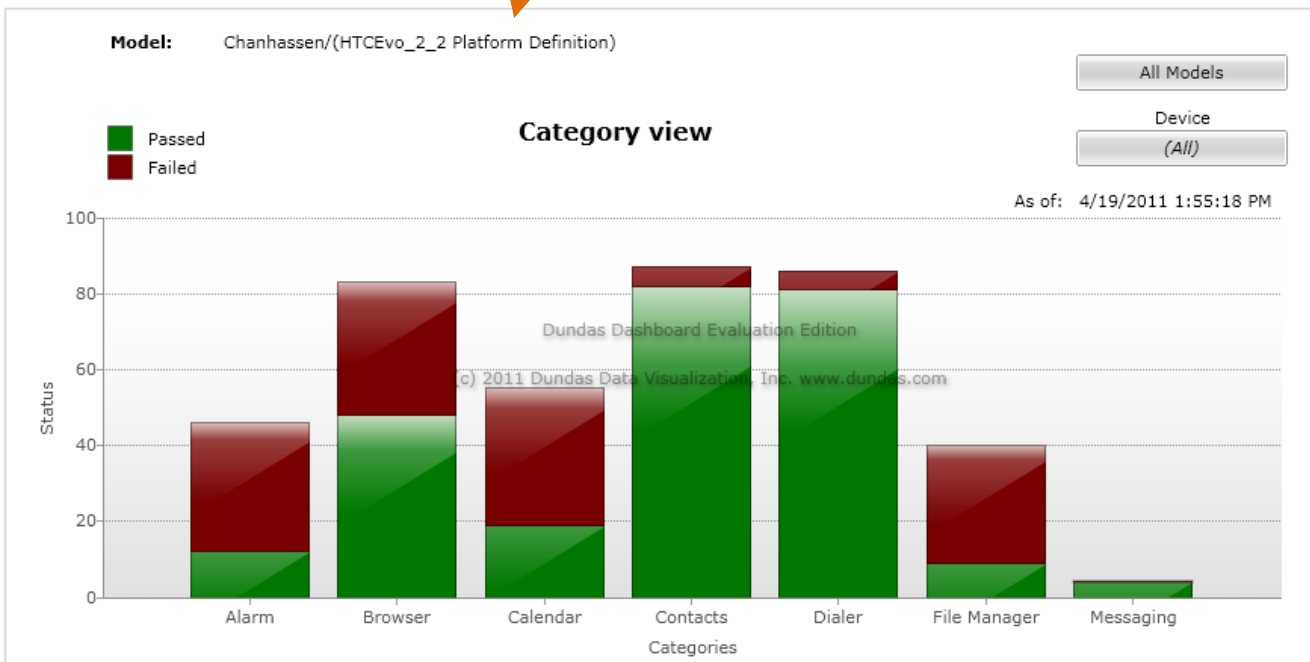
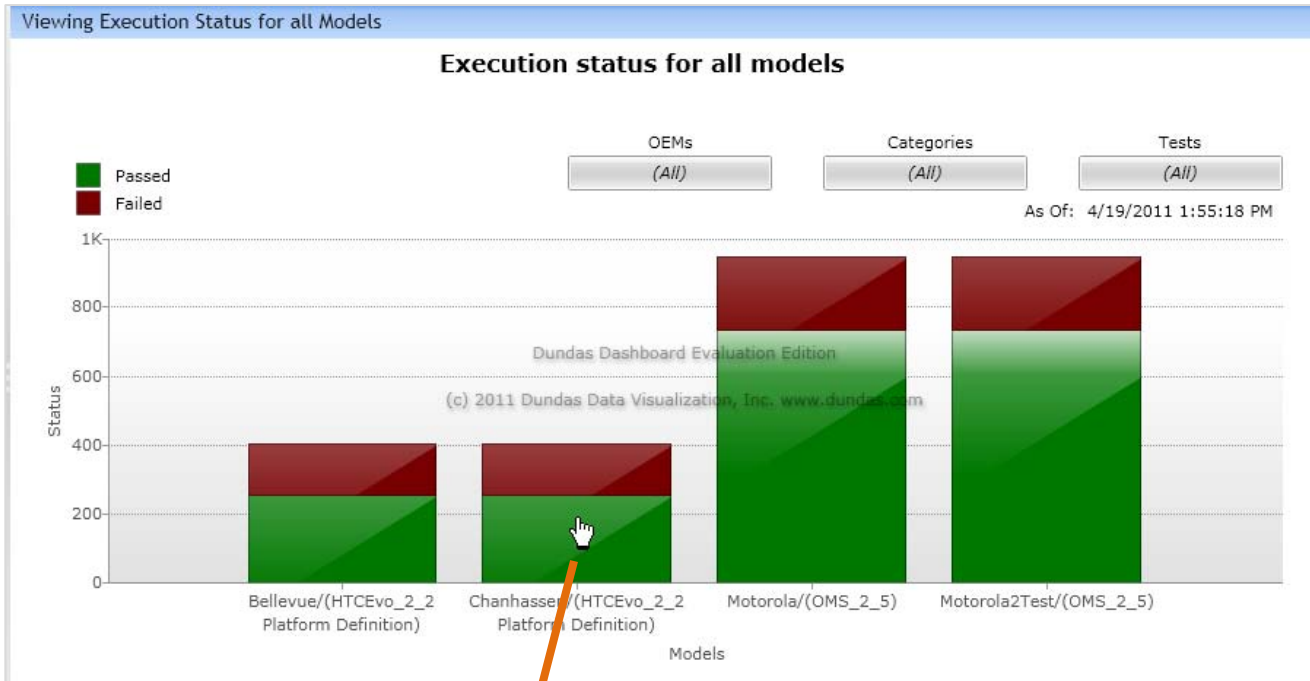


By default, all OEMs, Categories, and Tests are summarized. In the dashboards, you can:

- Limit the display to one or more OEMs, Categories, and Tests by selecting filters.
- Hover the mouse pointer over a bar to see more detail. Below, the number of passed TestCases appears in the hover text.



- When the mouse pointer is a hand icon, you can click to see more information. In the example below, you can drill down to more views for the selected OEM/device model.



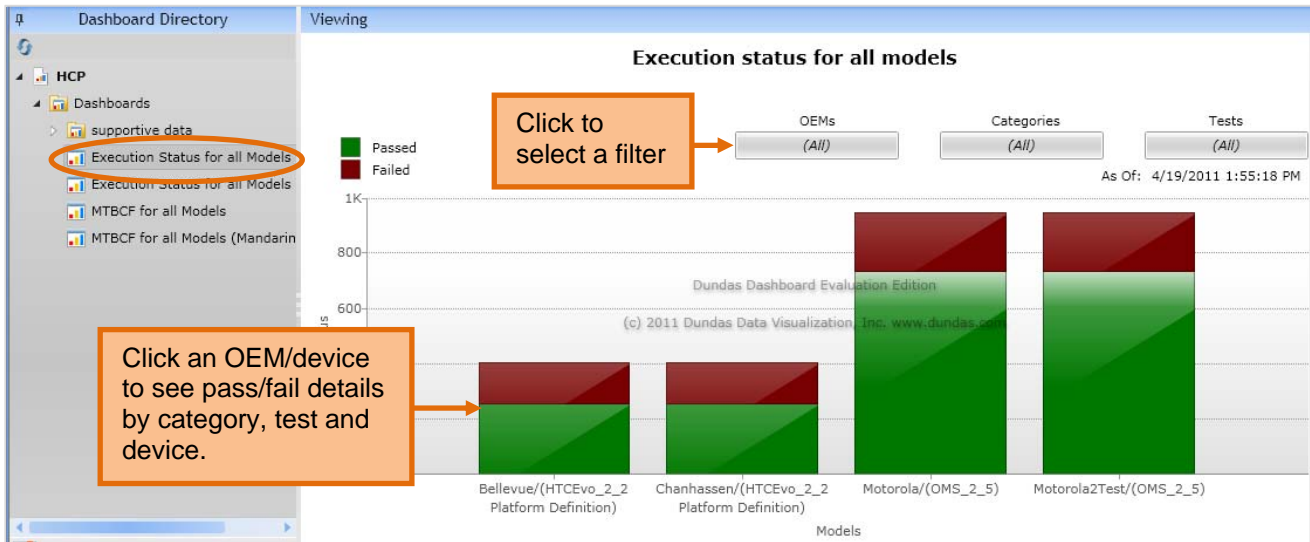
4 Current Results vs. Historical Results

The dashboards show the current result set and the result set history. A result set is a summary of the tests run since the result set began. You can start a new result set by setting the Result Set property for each device in TestDesigner. See the HCP User's Guide for more information about starting a new result set.

When you start a new result set, the current result set ends and is moved to the historical view. Subsequent tests will be summarized in the new result set. You can start a new result set whenever you need to. For example, when you upgrade hardware or software, you may want to see how the test results going forward differ from the test results before the upgrade.

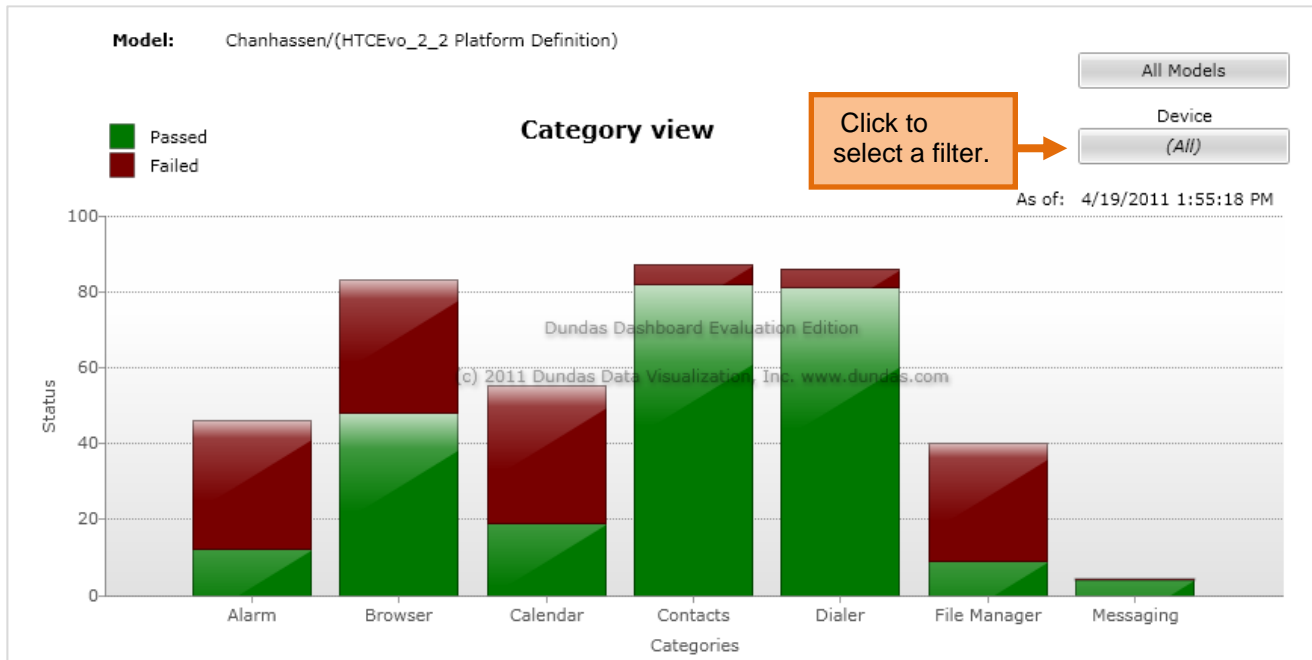
5 Viewing Pass/Fail Status for the Current Result Set

The view, **Execution Status for all Models**, shows the Passed/Failed status for the current result set. You can drill down to view pass/fail status by category of test, specific test, and device.



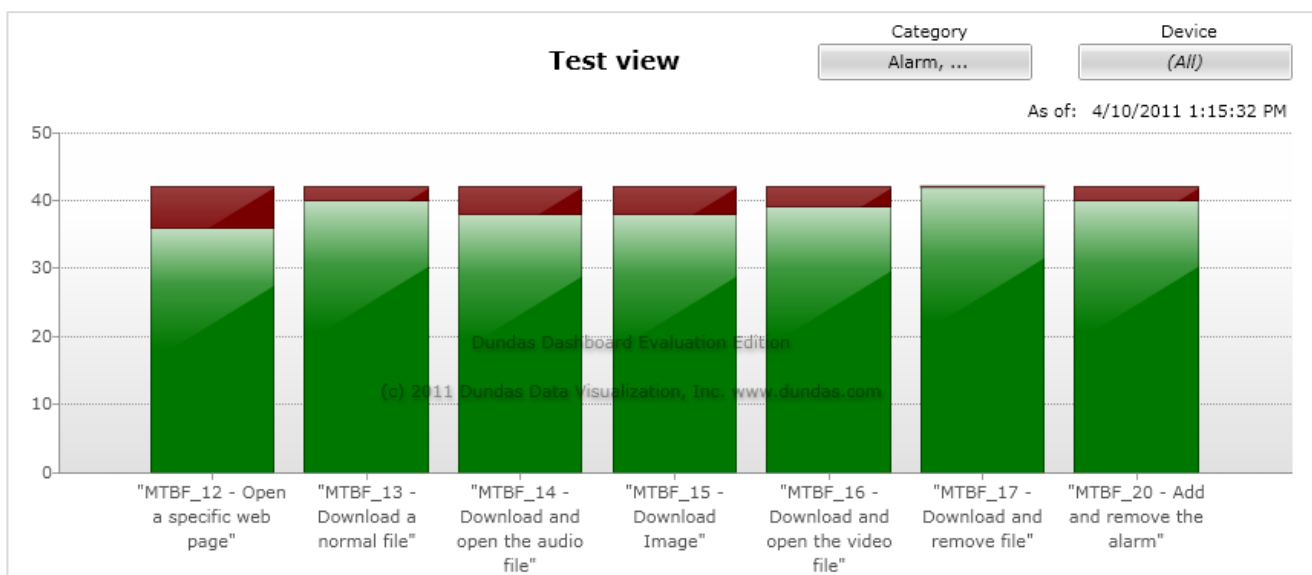
5.1 Category View

The Category view appears when you select an OEM/device model from the Execution Status display. It shows the number of passed and failed tests by test category for the selected OEM/device model. You can filter the display by specific device.



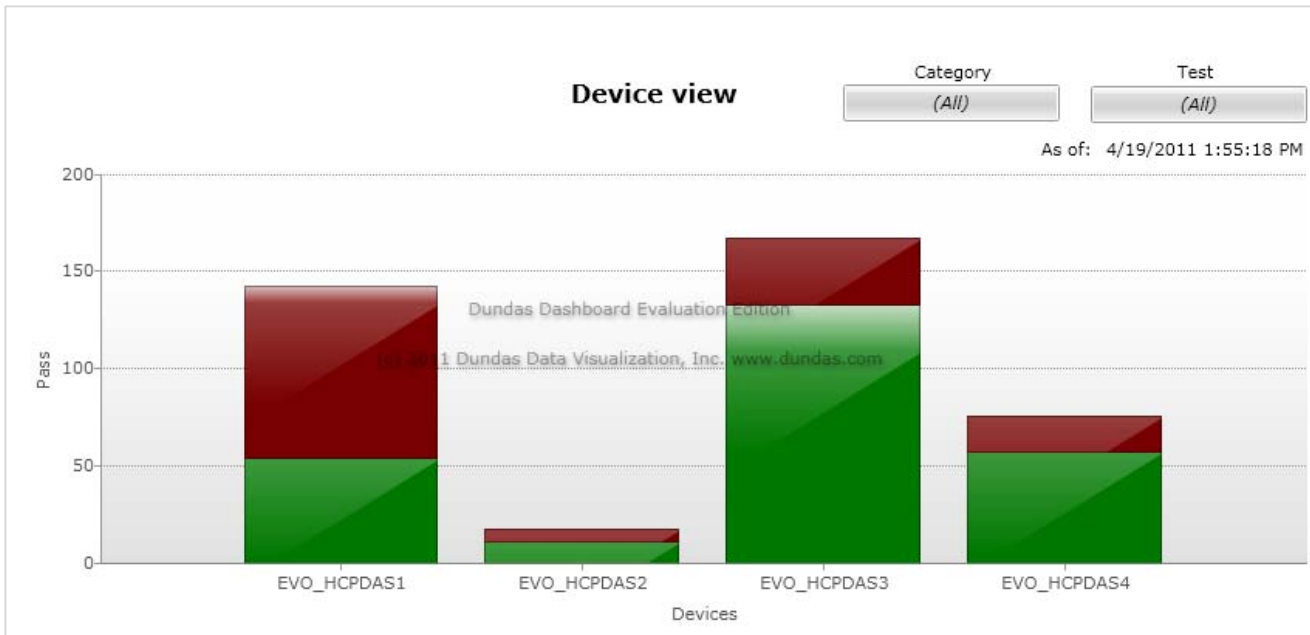
5.2 Test View

The Test View appears when you scroll down in the above view. It shows the number of passed and failed tests by specific test for the selected OEM/device model. You can filter the display by test category and device.



5.3 Device View

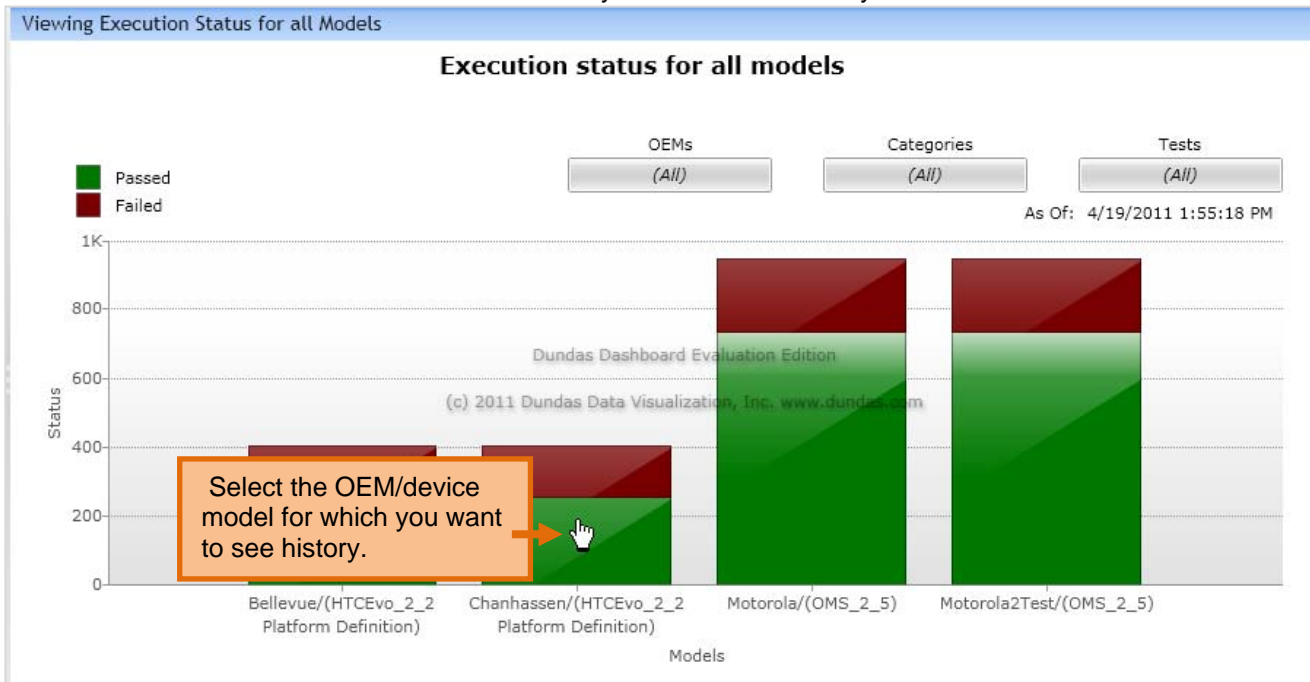
The Device View appears when you scroll down in the above view. This view shows the number of passed and failed tests by specific device for the selected OEM/device model. You can filter the display by test category and test.



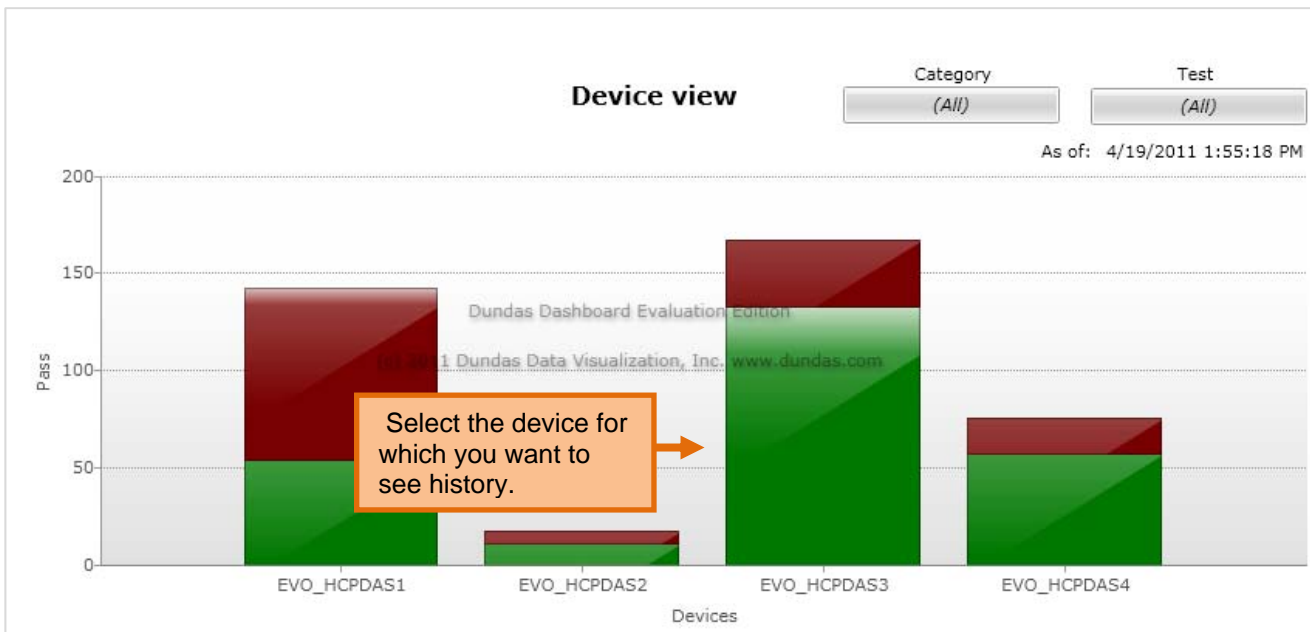
6 Viewing the History of Pass/Fail Status

Historical views of result sets are displayed by device. The Historical Status view shows the current and previous result sets.

1. Select the Execution Status Dashboard.
2. Click the OEM/device model for which you want to see history.

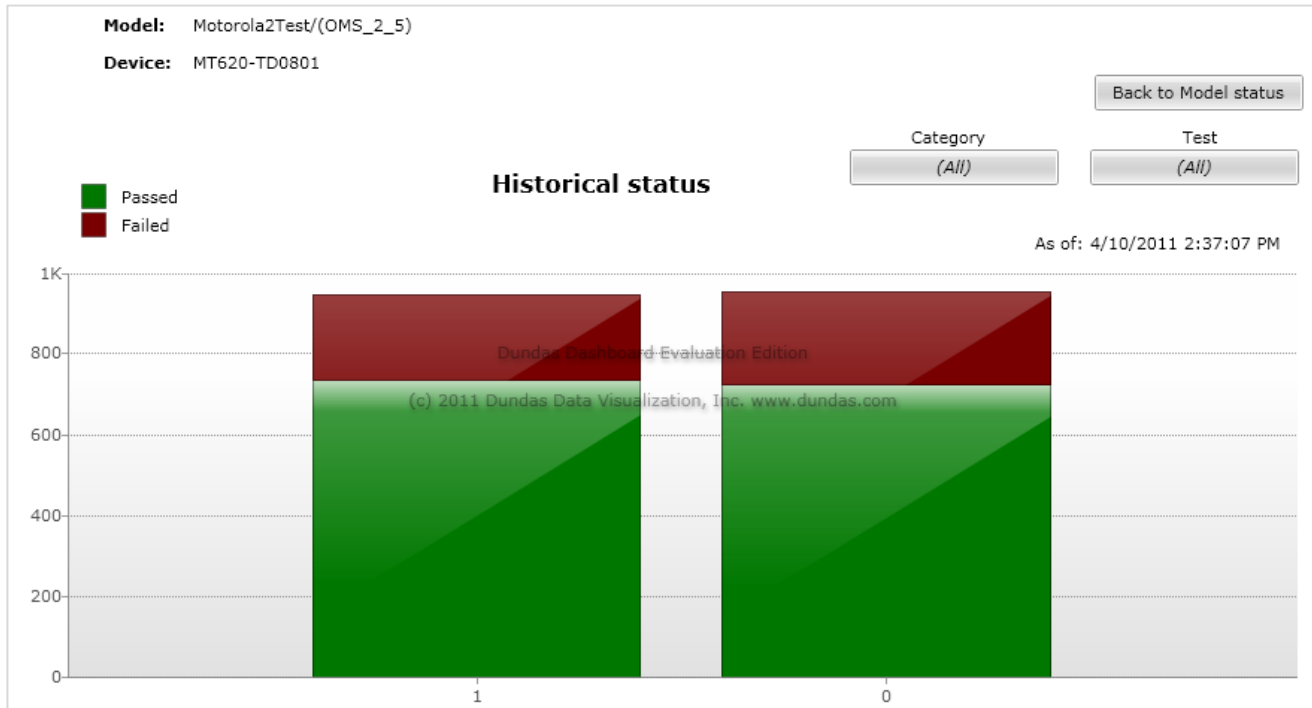


3. Scroll down to the Device View.



4. Click the device for which you want to see history.

In the Historical Status view, the most current result set is on the left. You can hover the mouse pointer over the passed or failed portion of the bar to see the exact number of passed or failed tests. You can filter by Category and Test.

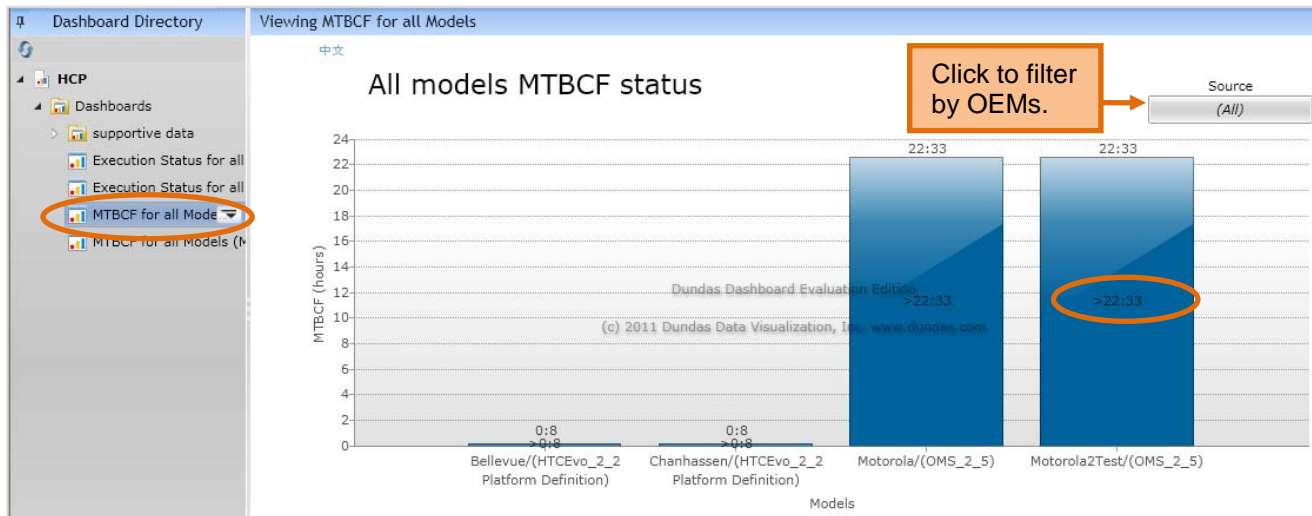


7 Viewing MTBCF for the Current Result Set

The view below shows MTBCF (Mean Time Between Critical Failures) in hours for all device models by OEM.

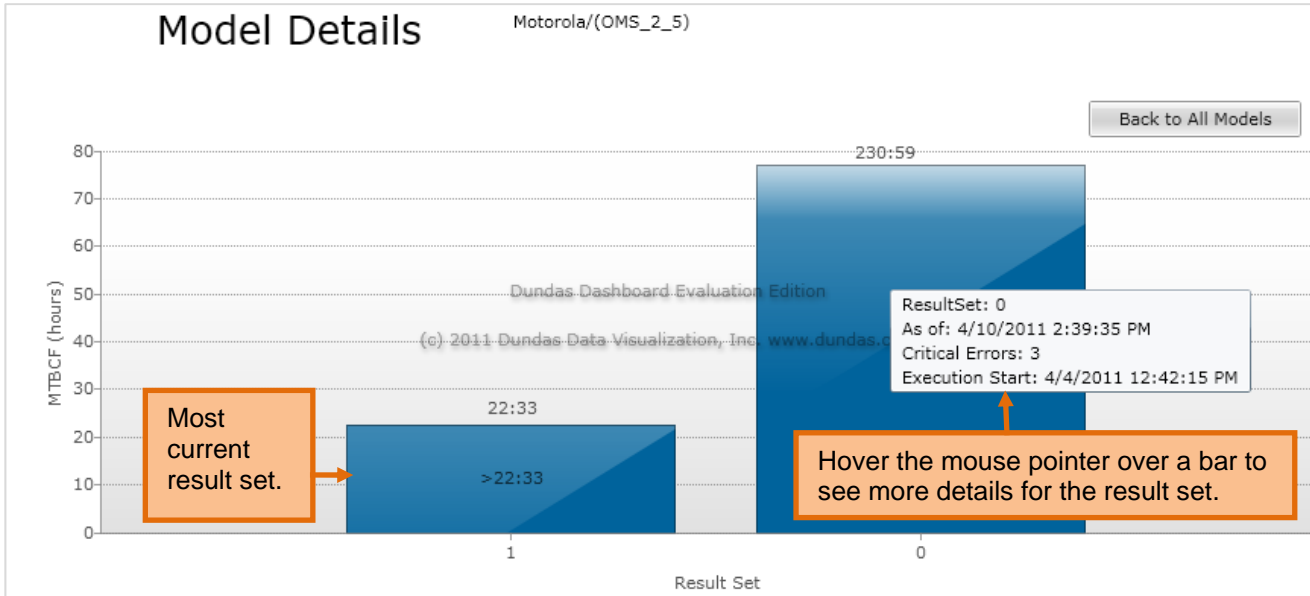
MTBCF is the total execution time divided by the number of critical failures. If there are no failures, the execution time is prefixed with a greater sign (>). The time is shown in the HH:MM format, where HH is hours and MM is minutes.

This view shows the current result set. To limit the display to one or more OEMs, click the **Source** button.



8 Viewing MTBCF History

In the MTBCF for all Models view, shown above, select an OEM/device model to see the status of all result sets, including the current one.



In the above view, you can click a result set to see the status of each device for the result set, as shown below.

