## SharpShooter Dashboard Documentation

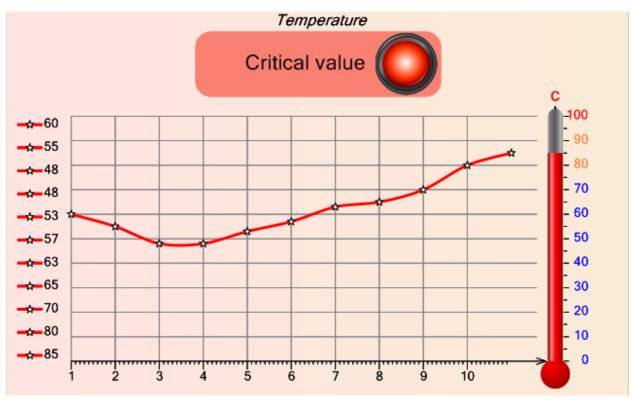
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## **Table of Content**

Using DashboardViewer	3
Using dashboard in Web forms application	5

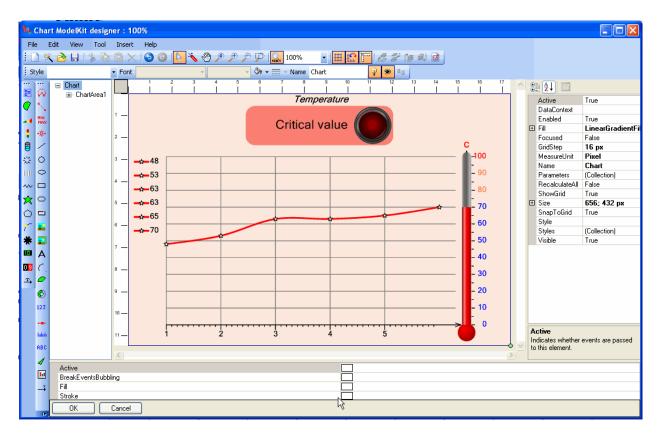
## **Using DashboardViewer**

The DashboadViewer control provides abilities to combine features of SharpShooter Charts charts and SharpShooter Gauges gauges. This control allows displaying of a chart, including various elements and gauges in Windows Forms.



In the picture you can see the DashboardViewer control displaying temperature value as the Thermometer gauge and the chart line displaying history of the previous temperature values. The Light indicator that lights up when the current temperature value is higher than the defined one is located in the chart as well. One and the same axis is used for the chart and Thermometer indicator. This example can be found in the Dashboard Sample Center: the Using DashboardViewer node.

The DashboardViewer control provides visual designer that allows the creation, customization of charts and gauges and combination of these elements. In the Designer, all SharpShooter Gauges gauge elements and all SharpShooter Charts chart elements are available. Expressions for the element properties and the TestTool mode for testing interactive instruments are available as well.



The use of the DashboardViewer is analogous to the use of the ChartViewer. See "The Chart Viewer" chapter in the "SharpShooter Charts Documentation". The use of the designer is analogous to the use of the designer for creating charts or instruments. See "The Designer" chapter in the "SharpShooter Charts Documentation" or "Use and Capabilities of the Instrument Designer" chapter in the "SharpShooter Gauges Documentation". The technique of creation instruments is similar to the SharpShooter Gauges, and the technique of creation charts is similar to the SharpShooter Charts.

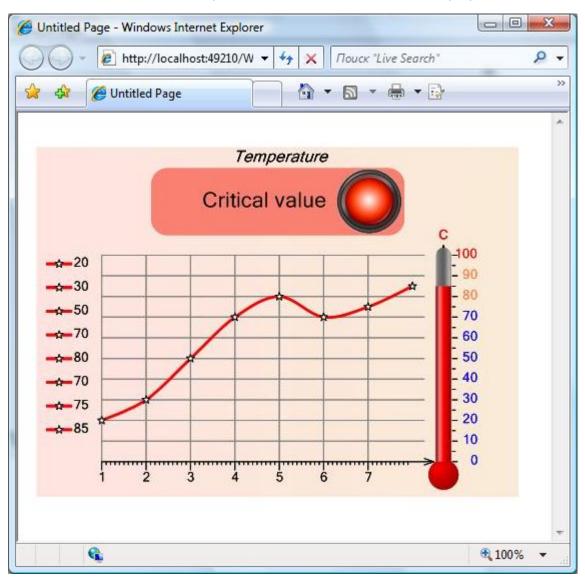
The joint use of instrument elements and chart elements doesn't impose any limitations: you can use elements in any combinations. The only condition is the Chart object that should be a root element of the composition: this doesn't prevent the Chart element from its use as an instrument as it is a descendant of the Instrument.

## Using dashboard in Web forms application

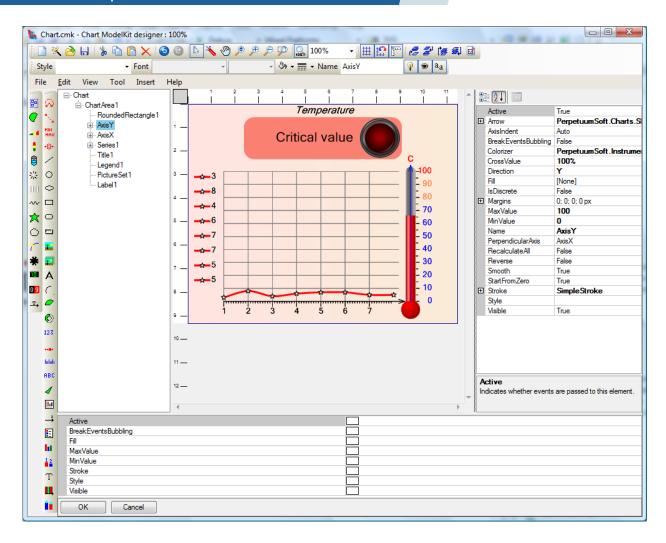
The WebDashboardViewer component is used to provide joint use of charts and instruments in Web forms applications. This component is similar to the DashboardViewer, but it is intended for displaying dashboards on Web forms.

The WebDashboardViewer component is a WebChartViewer descendant; that is why its use is similar. See "Using charts in Web forms application" chapter in the "SharpShooter Charts Documentation".

The WebDashboardViewer component allows the simultaneous display of chart and instruments.



The WebDashboardViewer designer functionality is extended; it is capable of creating both charts and instruments simultaneously.



If you have any questions regarding the integration with SharpShooter Dashboards don't hesitate to contact us at <a href="mailto:support@perpetuumsoft.com">support@perpetuumsoft.com</a>