

NetAdvantage[®] Reporting 2012.1 Release Notes



NETADVANTAGE
REPORTING



Use NetAdvantage Reporting, the industry's first WPF and Silverlight-based design-time and rendering reporting tool, to create elegant and easy-to-design reports engineered to help you deliver information to your users in the shortest time possible —without the need for legacy code.

Installation

<p>Downloading</p>	<p>Download NetAdvantage Reporting here.</p>						
<p>Notes</p>	<p>Netadvantage Reporting does not support side-by-side installations. Depending on the installation form of your choice, an additional step may be required:</p> <table border="1" data-bbox="394 686 1789 1128"> <thead> <tr> <th data-bbox="394 686 856 771">Installing through...</th> <th data-bbox="856 686 1789 771">Description</th> </tr> </thead> <tbody> <tr> <td data-bbox="394 771 856 1015">Platform Installer</td> <td data-bbox="856 771 1789 1015">When installing NetAdvantage Reporting 2012 Volume 1 through the Platform Installer (self-extracting wrapper) and having NetAdvantage Reporting 2011 Volume 2 already installed, it will upgrade your 11.2 installation to 12.1.</td> </tr> <tr> <td data-bbox="394 1015 856 1128">Stand-alone installer</td> <td data-bbox="856 1015 1789 1128">When installing NetAdvantage Reporting using the stand-alone installer you will have to manually uninstall 11.2 before installing 12.1.</td> </tr> </tbody> </table>	Installing through...	Description	Platform Installer	When installing NetAdvantage Reporting 2012 Volume 1 through the Platform Installer (self-extracting wrapper) and having NetAdvantage Reporting 2011 Volume 2 already installed, it will upgrade your 11.2 installation to 12.1.	Stand-alone installer	When installing NetAdvantage Reporting using the stand-alone installer you will have to manually uninstall 11.2 before installing 12.1.
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What's New - Summary

What's New – 2012 Volume 1

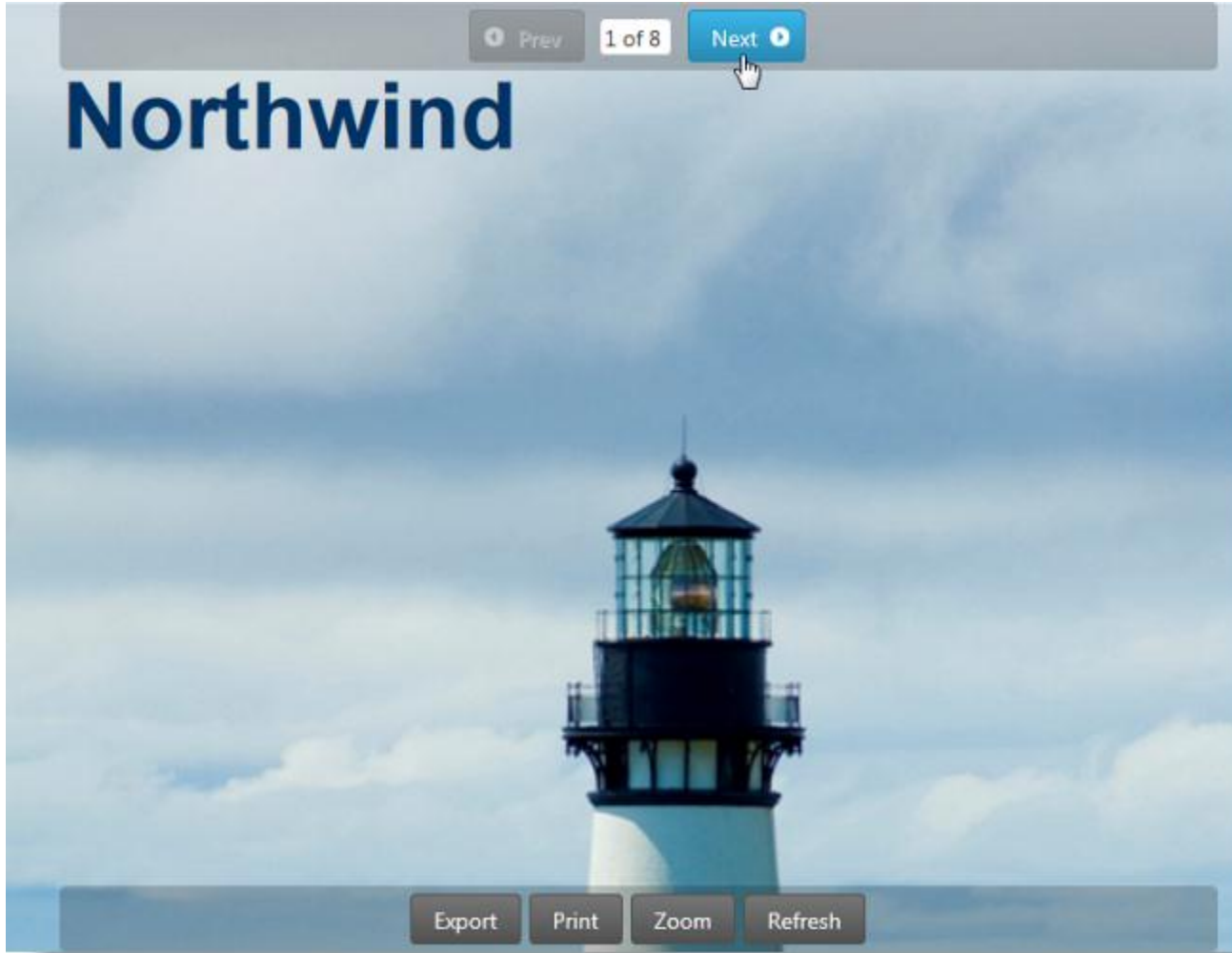
NetAdvantage Reporting 12.1 release introduces the new HTML5 Report Viewer, allowing you to render reports in Web Applications and display them on your desktop or touch devices like the iPad, iPhone and iPod touch. When rendering reports on iOS devices, multi-touch gestures are supported. With Report Connection Providers and Report Uri Resolver, you can change the connection string of a report's SQL data source at run-time or specify how reports definitions are loaded in your applications.

New HTML5 Report Viewer – NEW!

Designed to offer an enhanced user experience, NetAdvantage Reporting's HTML5 Report Viewer renders reports within web applications, supports server-side rendering, as well as retrieving reports from a reporting service. A floating toolbar and multi-touch support delivers users of multi-touch devices access to all the functionality necessary to interact with the report; providing a truly interactive experience

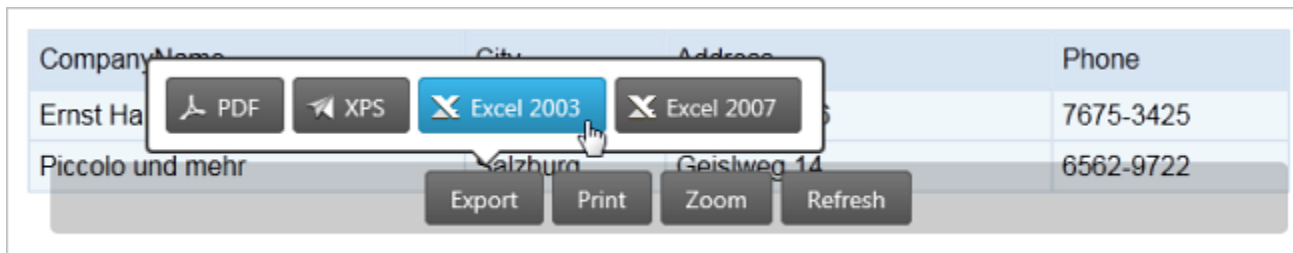
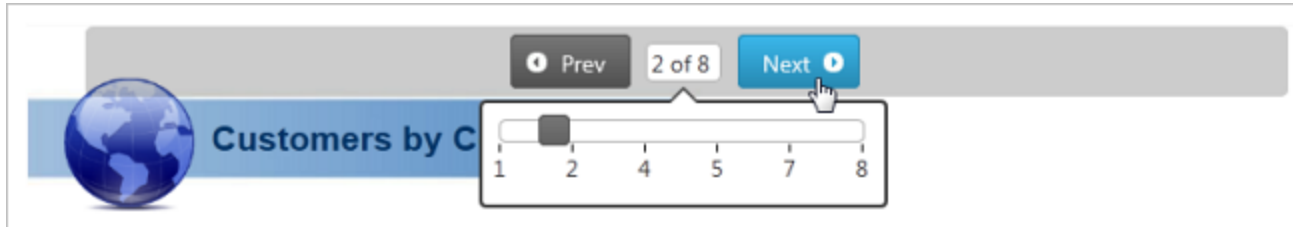
Prev 1 of 8 Next

Northwind



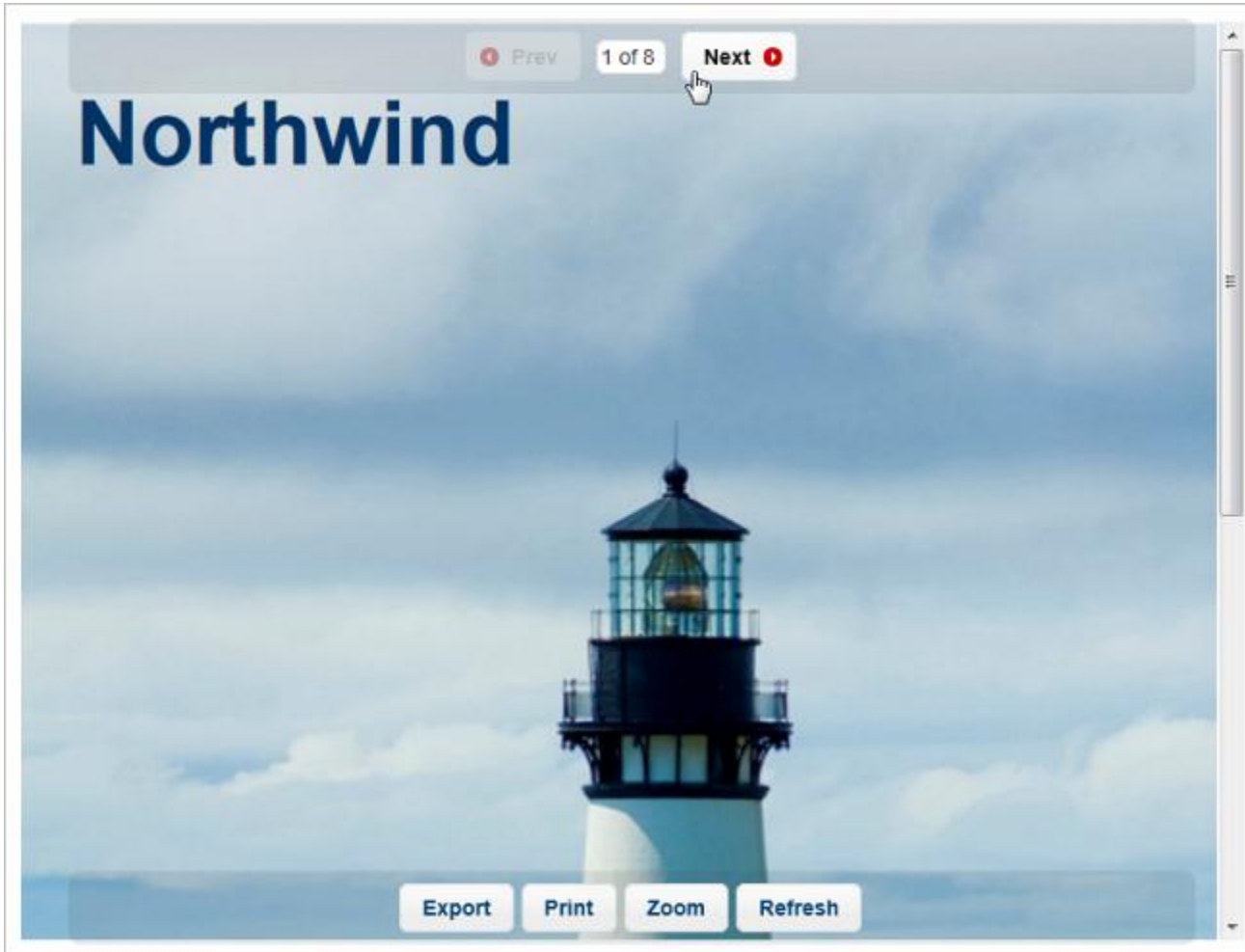
Export Print Zoom Refresh

The image shows a slide from a presentation. At the top, there is a navigation bar with a 'Prev' button, a '1 of 8' indicator, and a 'Next' button with a mouse cursor hovering over it. The main content area features the title 'Northwind' in a large, dark blue font. Below the title is a photograph of a lighthouse with a white base and a black lantern room, set against a backdrop of a blue sky with scattered white clouds. At the bottom of the slide, there is a toolbar with four buttons: 'Export', 'Print', 'Zoom', and 'Refresh'.

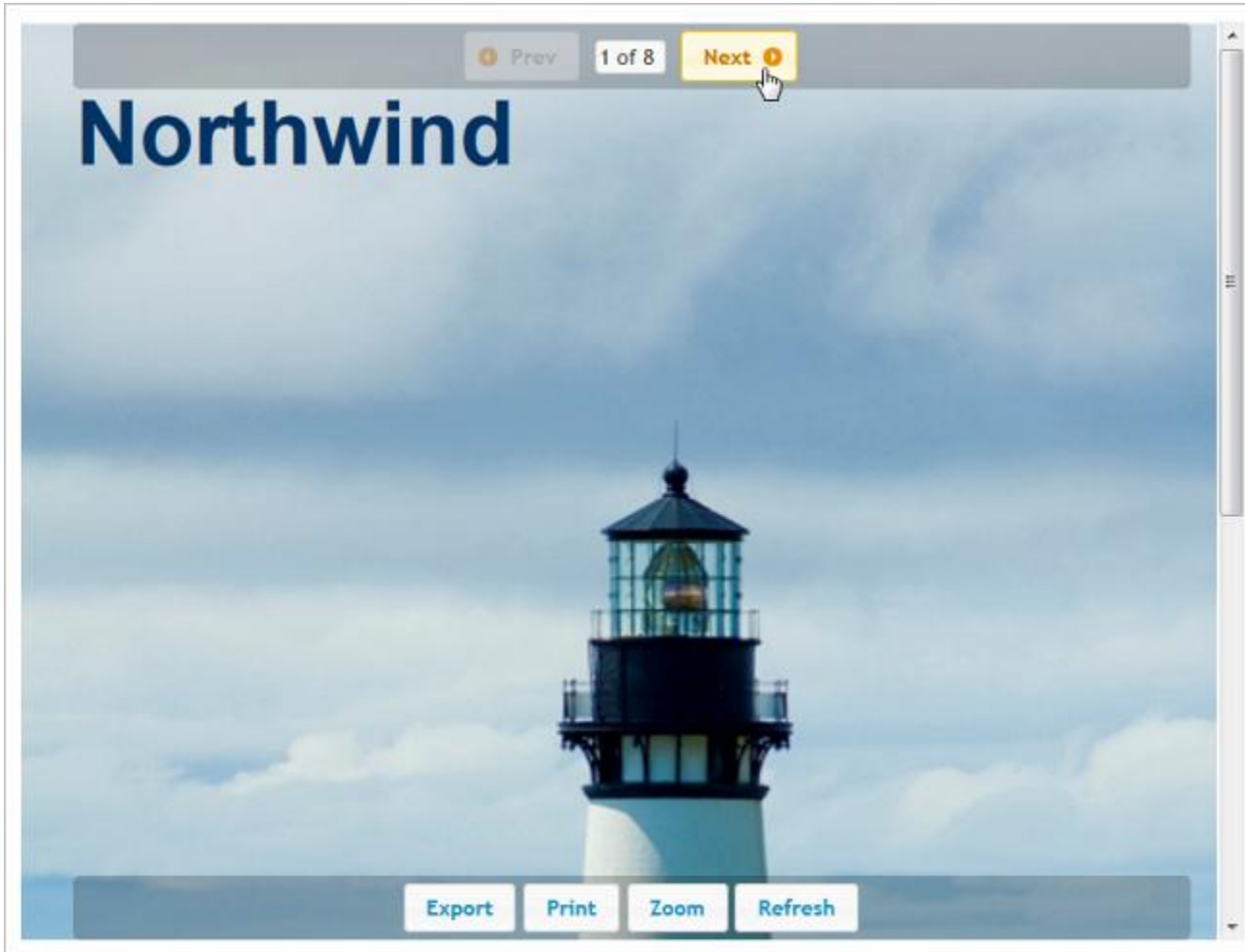


NetAdvantage Reporting supports [ThemeRoller](#), a jQuery UI tool for creating custom themes compatible with jQuery UI widgets. Numerous themes are available for download and easily integrated into your application, to style the HTML5 Report Viewer.

The image below shows the Blitzer JQuery UI theme applied to the HTML5 Report Viewer.



The image below shows the UI lightness JQuery UI theme applied to the HTML5 Report Viewer.



Report Connection Providers – NEW!

Occasionally, you may need to switch your report's data source connection string at run-time, not by changing the structure of the data source or how the data is retrieved but, by changing the database to which you establish your connection, how you do it, or both.

Following the same pattern as the Run-time Data Source Providers, you link the Report Connection Provider to your report. When rendering the report the engine looks for its related Connection Providers and loads the connection from them.

Report Uri Resolver – NEW!

NetAdvantage Reporting allows you to customize how reports are loaded at run-time. The Report Uri Resolver allows you to anticipate the Report Viewer default resolution and implement your own loading method.

When rendering a report, the engine executes all registered Uri Resolvers allowing you to customize how the report loads.

Additionally, when using client-side rendering reports can be passed as stream directly to the XAML Report Viewer.

Multi-touch interaction support – NEW!

The HTML5 Report Viewer can be used to render reports in touch devices. Apple's iPad®, iPhone®, iPod® touch along with **iOS5 and higher** support using multi-touch gestures to interact with your reports.

The XAML Report Viewer introduces multi-touch gestures for Windows based touch devices running **Windows 7 or higher**.



Configuration File (Web.Config) Changes for 2012 Volume 1

Changes Overview

The following table summarizes all changes to the configuration file. Additional details are available below.

Change	Description
New Report Processor HTTP Module	A new module has been added that manages the report service calls. This module also allows configuring HTTP compression for the report service.
New Resources HTTP Handler	The HTTP Handler used in 11.2 was modified to serve resources in general, not just images.
Two Endpoints supported	The service configuration now has two endpoints, SOAP and JSON endpoints can now be defined.

New Report Processor HTTP Module

This module manages the report service calls and also handles HTTP compression between the Report Viewer and the Reporting Server.

Defining the HTTP Module

Working under...	Define module inside...
IIS6, IIS7 Classic Mode or ASP.NET Development Web Server	<system.web> section of Web.Config
IIS7 on Integrated Mode	<system.webserver> section of Web.Config

Note: When working under IIS7 Integrated Mode, comment HTTP modules/handlers under the <system.web> section to avoid a server error to be thrown.

Under IIS6, IIS7 Classic Mode or ASP.NET Development Web Server:

```
<system.web>
  <httpModules>
    <add name="ReportProcessorServiceModule" type="Infragistics.Reports.Server.ReportProcessorServiceModule,
InfragisticsWPF4.Reports.Server.v12.1"/>
  </httpModules>
</system.web>
```

Under IIS7 on Integrated Mode:

```
<system.webServer>
  <modules>
    <add name="ReportProcessorServiceModule" type="Infragistics.Reports.Server.ReportProcessorServiceModule,
InfragisticsWPF4.Reports.Server.v12.1" />
  </modules>
</system.webServer>
```

For more information, refer to the [Walkthrough: Creating and Registering a Custom HTTP Module](#) MSDN topic.

Compression

In production environments, the use of compression is recommended to reduce network bandwidth. When HTTP compression is enabled, every Reporting WCF response call will be compressed.

For details about how to enable compression refer to the [Custom Reporting Configurations](#) topic

New Resources HTTP Handler

The HTTP Handler is now used to return not only images but also other reporting resources (e.g. exports done server side). As a consequence, the configuration of the handler has been modified.

Defining the HTTP Handler

Working under...	Define module inside...
ASP.NET Development Web Server and IIS6	<system.web> section of Web.Config
IIS7 on Classic mode	<system.web> section of Web.Config and <system.webserver> section of Web.Config
IIS7 on Integrated Mode	<system.webserver> section of Web.Config

Under ASP.NET Development Web Server or IIS6:

```
<system.web>
  <httpHandlers>
    <add verb="*" path="*.igrResource" type="Infragistics.Reports.Server.ResourcesHandler,
InfragisticsWPF4.Reports.Server.v12.1" />
  </httpHandlers>
</system.web>
```

Under IIS7 on Classic Mode:

```
<system.web>
  <httpHandlers>
    <add verb="*" path="*.igrResource" type="Infragistics.Reports.Server.ResourcesHandler,
InfragisticsWPF4.Reports.Server.v12.1" />
  </httpHandlers>
</system.web>

<system.webServer>
  <handlers>
    <add name="IgReportingResourcesHandler" verb="*" path="*.igrResource"
type="Infragistics.Reports.Server.ResourcesHandler, InfragisticsWPF4.Reports.Server.v12.1" />
  </handlers>
</system.webServer>
```

Under IIS7 on Integrated Mode:

```
<system.webServer>
  <handlers>
    <add name="IgReportingResourcesHandler" verb="*" path="*.igrResource"
type="Infragistics.Reports.Server.ResourcesHandler, InfragisticsWPF4.Reports.Server.v12.1" />
  </handlers>
</system.webServer>
```

For more information refer to the [How to: Register HTTP Handlers](#) MSDN topic.

Two Endpoints supported

Now the Report Service may need to be exposed with two endpoints, SOAP and JSON. SOAP endpoint is used for the Silverlight, WPF and WinForms viewers. The JSON endpoint is used for the HTML5 viewer. Since there are two endpoints, an address should be assigned to each of them and that address must be included in the Report Service Uri when referencing it from the viewer. In the example below "soapAddress" is used for SOAP and "ajaxAddress" is used for JSON.

Web.Config example including both endpoints:

```
<system.serviceModel>
  <behaviors>
    <endpointBehaviors>
      <behavior name="SilverlightFaultBehavior">
        <silverlightFaults />
      </behavior>
      <behavior name="JsonFaultBehavior">
        <enableWebScript />
        <jsonFaults />
      </behavior>
    </endpointBehaviors>
    <serviceBehaviors>
      <behavior name="ReportProcessorServiceBehavior">
        <serviceMetadata httpGetEnabled="true" />
        <serviceDebug includeExceptionDetailInFaults="false" />
      </behavior>
    </serviceBehaviors>
  </behaviors>
```



```
<bindings>
  <customBinding>
    <binding name="binaryHttpBinding">
      <binaryMessageEncoding />
      <httpTransport />
    </binding>
  </customBinding>
</bindings>
<extensions>
  <behaviorExtensions>
    <add name="silverlightFaults" type="Infragistics.Reports.Server.SilverlightFaultBehavior,
InfragisticsWPF4.Reports.Server.v12.1" />
    <add name="jsonFaults" type="Infragistics.Reports.Server.JsonErrorWebHttpBehaviorElement,
InfragisticsWPF4.Reports.Server.v12.1" />
  </behaviorExtensions>
</extensions>
<serviceHostingEnvironment aspNetCompatibilityEnabled="true" />
<services>
  <service behaviorConfiguration="ReportProcessorServiceBehavior"
name="Infragistics.Reports.Server.ReportProcessorService">
    <endpoint address="soapAddress" behaviorConfiguration="SilverlightFaultBehavior"
binding="customBinding" bindingConfiguration="binaryHttpBinding"
contract="Infragistics.Reports.Server.IReportProcessorService">
      <identity>
        <dns value="localhost" />
      </identity>
    </endpoint>
  </service>
</services>
```

```
    </identity>
  </endpoint>
  <endpoint address="ajaxAddress" behaviorConfiguration="JsonFaultBehavior"
    binding="webHttpBinding" contract="Infragistics.Reports.Server.IReportProcessorService" />
  <endpoint address="mex" binding="mexHttpBinding" contract="IMetadataExchange" />
</service>
</services>
</system.serviceModel>
```


Release Notes

Component	Product Impact	Description
NetAdvantage Reporting	Bug Fix	Product Name in assemblies issue. The Product Name in some Reporting assemblies is not the one expected.
NetAdvantage Reporting (Designer)	Bug Fix	Changing the Image property in multiple images issue. When selecting two or more images, it is not possible to change the Image property of all the selected images at once.
NetAdvantage Reporting (Table)	Bug Fix	Calendar and Language properties in split cells issue. When splitting a merged cell of a table with "Calendar" and "Language" properties changed from default, these properties changes are not applied to all split cells.
NetAdvantage Reporting (Table)	Bug Fix	Invalid cut operation in table control issue. A message box warns that it is not possible to cut a row and column together; however, the cut action is successfully executed.
NetAdvantage Reporting (Table)	Bug Fix	Invisible area in table control issue. Table control has an invisible area at the bottom that is considered part of the table.
NetAdvantage Reporting (Table)	Bug Fix	Table cell selection issue. After adding a table group to a table control and later a column to the right, the new cell under the group cannot be selected using the mouse.
NetAdvantage Reporting (Table)	Bug Fix	Split operation in table group section issue. Table group cells cannot be split unless you first configure the group.
NetAdvantage Reporting (Table)	Bug Fix	Hidden group configuration invitation issue. Clicking a table cell belonging to a Group Header section causes the hiding of the group configuration invitation.
NetAdvantage Reporting (Table)	Bug Fix	Undo-redo issue. Error message is shown when undoing the deletion of a table group, using the delete button, within a Group Header or Group Footer section.

NetAdvantage Reporting (Designer)	Bug Fix	Order of fields in table created from data source issue. When dragging & dropping several fields from a data source from the Report Data Explorer to the Designer Surface, the order of the fields is not considered in the creation of the columns of the table.
NetAdvantage Reporting (Designer)	Bug Fix	Paste option wrongly enabled issue. In a report including a chart and a table, if you cut the chart and then select a table cell, the Paste option is enabled from Visual Studio Standard Toolbar and also from the context window. You can't paste a chart inside a table, though.
NetAdvantage Reporting (Designer)	Bug Fix	Multiple controls move functionality issue. When moving a selection of two or more controls including a table, if you move the selected controls from the selection adorning of the table, only the table is moved instead of the whole selection.
NetAdvantage Reporting (Designer)	Bug Fix	Missing group configuration invitation issue. The group configuration invitation is missing when two or more tables including table groups are present in the Designer Surface.
NetAdvantage Reporting (Designer)	Bug Fix	Complex scenario crash issue. When selecting two or more Label controls, editing the Font property including an invalid value, and then clicking the dropdown combo box and returning to the edition place, an error message is displayed the first time; the second time, Reporting crashes.
NetAdvantage Reporting	Bug Fix	Global.ExecutionTime variable calculation issue. The Global.ExecutionTime variable is not calculated in reports rendered server-side in Silverlight, WPF and WinForms.
NetAdvantage Reporting	Bug Fix	Interoperability issue. Reports lack interoperability when changing the "region & language" configuration. When a report has parameters and region & language set to English format using a dot (.) as decimal symbol, after switching to Spanish format, which uses the comma (,) as decimal symbol, decimal places are ignored when rendering the report.

NetAdvantage Reporting	Bug Fix	Object Data Source definitions for Silverlight issue. Object Data Source definitions in a report require the full name of the assembly when being included or referenced from Silverlight applications.
NetAdvantage Reporting	Bug Fix	Expression language issue. Using the expression language, a property of an object cannot be accessed when that object is the result of a calculated function.
NetAdvantage Reporting	Bug Fix	Object Data Source with Nullable argument issue. When defining an Object Data Source for a method including a Nullable argument, it is not possible to assign a NULL constant value to the argument.
NetAdvantage Reporting	Bug Fix	Buttons shortcuts issue. The buttons included in the add data source wizard dialog have no keyboard shortcuts.
NetAdvantage Reporting	Bug Fix	Object Data Source public fields support issue. Object Data Sources support public properties, but lack support for public fields.
NetAdvantage Reporting	Bug Fix	Visible property binding issue. When selecting a Boolean value for the Visible property of an item, if the item had a binding for that property, a message is shown that the binding will be removed. When clicking OK, the binding is not actually removed until the item is deselected.
NetAdvantage Reporting	Bug Fix	Unhandled exception in Silverlight with logging configuration issue. When working in Silverlight with a logging configuration including both <i>LogAdditionalInfo = true</i> and <i>EnabledTags</i> with the "Engine" tag, an unhandled exception is raised trying to render a report.
NetAdvantage Reporting	Bug Fix	Report Data Explorer type issue. In the Report Data Explorer tree, a field with <i>AttributeTargets</i> type (enum in mscorlib.dll) is displayed with the "complex type" icon instead of the "enum type" icon.

NetAdvantage Reporting	Bug Fix	Dynamic parameter mandatory fields issue. The Edit Parameter window for a dynamic parameter does not show missing mandatory fields highlighted in red after its corresponding Data Source has been deleted.
NetAdvantage Reporting	Bug Fix	Preview mode in Spanish environment issue. Crash issue when switching to Preview mode in a Spanish environment.
NetAdvantage Reporting (Viewer)	Bug Fix	Cascading parameters issue. When a parameter depends on another parameter which has only a default value and no list of other possible values, the values of the first parameter aren't displayed based on the default value of the first parameter. The value list is displayed empty.
NetAdvantage Reporting (Viewer)	Bug Fix	Cascading parameters' parameter pane issue. Having a dynamic parameter depending on another query parameter and with no values to be displayed, the parameter pane displayed when running the report should not allow the entering of values for the dynamic parameter. The submit button should not be enabled either.
NetAdvantage Reporting (Viewer)	Bug Fix	Refresh with parameters in Preview mode issue. In a report with at least one parameter, an error message is displayed the first time you go to Preview mode and press the refresh button without having submitted the report first.
NetAdvantage Reporting (Viewer)	Bug Fix	Particular scenario parameters issue. Working in Windows XP SP3 and VS2010 SP1, the list of values included in a parameter's combo-box blink before displaying them correctly.
NetAdvantage Reporting (Viewer)	Bug Fix	Toolbar buttons in Silverlight issue. When printing or exporting a report with parameters in Silverlight, the Submit button is not disabled as it happens with other toolbar buttons.
NetAdvantage Reporting (Viewer)	Bug Fix	Parameters Pane server-side issue. Submit button in Parameters Pane blinks behind a dynamic parameter value selection combo box

NetAdvantage Reporting (Viewer)	Bug Fix	Page Settings dialog issue. When the list of available paper sizes is displayed in cm instead of inches, the “Double Japan Postcard Rotated (14.81cm x 19.99cm)” paper size text is truncated.
NetAdvantage Reporting (Viewer)	Bug Fix	Fit to Width issue. In a Silverlight scenario, when selecting “Fit to Width” in the toolbar, the horizontal scrollbar is enabled.
NetAdvantage Reporting (Viewer)	Bug Fix	Silverlight unhandled exception issue. A System.ArgumentOutOfRangeException is thrown when calling the methods FitToPage() or FitToWidth() or setting the ZoomScale property if the viewer is not in the visual tree.
NetAdvantage Reporting (Viewer)	Bug Fix	HTML5 viewer export dialog issue. Working with a Web application, the export dialog is not closed when the export is canceled.