



OrgPublisher EChart Rich and Thin Client
Comparison

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EChart Rich Client

The EChart publishing format enables you to publish extremely large charts to your Microsoft® IIS (ISAPI enabled) Windows® XP, Windows® 2003, Windows® 2008, or Windows® 2012 web server.

See the complete EChart requirements on our Web site.

You can publish a rich client or thin client version of an EChart. Please review the EChart Thin Client section of this document for more information on thin client publishing.

If there are multiple listings of the same user ID in a secured EChart, you can allow the end user to choose the applicable record. Also, when publishing ECharts you can secure a style to a group. When you publish a chart for planning, you can assign group access to planning charts and set default options for change reports used with planning charts as well as the new comparing charts feature.

The *Publishing Wizard* attempts to verify that the chart you want to publish as an EChart qualifies as a valid candidate. This is done by a "behind the scenes" calculation of records and custom fields. A chart with as many as a million records can be published as an EChart.

In addition, EChart publishing enables you to set chart security at the user and field level, as well as select proxy server mode security.

The main consideration to keep in mind is that a candidate for an EChart is one that requires Active Directory® authentication to secure it, or one in which the combination of the number of records and custom fields results in a very large file. Publishing in EChart format provides the following benefits.

EChart publishing can:

- Produce real-time charts.
- Build extremely large charts with improved intranet/Internet load time.
- Generally enhance construction of large org charts.
- Perform more effectively over dial-up connections.
- Publish a thin client chart to a server, eliminating the need to install the PluginX on all desktop PCs.
- Reduce the time necessary to sort through the records list in the *List View*.
- Use Windows Active Directory® authentication to secure your chart.

If you want to schedule an EChart to publish automatically, you can use Microsoft Task Scheduler.

You can also review *Troubleshooting Tips for Published ECharts* in the OrgPublisher Help file if your end users encounter difficulties opening a chart.

In order to publish an EChart, you must:

1. Set up a Microsoft® IIS (ISAPI enabled) Windows® XP, Windows® 2003, Windows® 2008, or Windows® 2012 web server.
2. Create a virtual directory with execute permissions for scripts and executables.
3. Verify that EChart files, **OCP**, **DLL**, **HTM**, **OCS** (created when you publish an EChart), exist in the same directory.
4. Follow the *Publishing Wizard*, selecting **EChart** as the publishing format.

Note: The EChart .htm file must be closed in order to publish successfully. If it is open when you attempt to publish the EChart, an error message displays stating that access is denied. Simply close the file and publish again.

EChart Thin Client

OrgPublisher includes EChart thin client architecture that enables you to publish org charts from your server and run the charts remotely. The EChart thin client requires no install on end user machines and works in diverse environments. The EChart rich client, on the other hand, installs components to your end user's computer as required, but provides for a richer user interface solution. For example, end users can open a chart published via thin client that contains 12 levels and the default is to display 4 levels. OrgPublisher calls only the levels displayed currently in the browser, the default 4, rather than all 12 levels.

Note: Thin client charts are platform independent, however, browser compatibility problems between your operating system and your platform version may occur and, thus, affect thin client chart performance.

OrgPublisher thin client charts are dynamic HTML versions of org charts. You can customize the HTML pages to more closely match the look and feel of your web site, as well as what information is displayed, by linking to your custom style sheet. Because there is no input type for tree control in HTML, the *Tree View* is not available in thin client charts. In addition, the *Search* feature is not be available in its entirety in thin client charts. End users can access a modified *Search View* by clicking the *List View* button in the toolbar.

The EChart thin client provides a Print button which prints the chart to a PDF.

Note: Web servers do not allow clients to schedule tasks. The OrgPublisher Web Administration Server allows you to publish charts manually. You can, however, open the desktop OrgPublisher version and schedule the publishing definition in the *Publish charts* dialog using the Web Administration **SourceCharts** folder.

1. Log on the server as an administrator or power user.
2. Open the desktop OrgPublisher application. (If default install is used, it would be in **c:/program files/orgpubx**).
3. Open the chart (found in the **SourceCharts** folder).
4. Schedule the publishing definition in OrgPublisher using the Schedules tab.

Also, when you are publishing to ECharts, you must manually schedule the BAT file created in the first manual publishing. To do this, open the *Task Scheduler* on the server to add the .BAT job.

The thin client option is a form of EChart, however, there are some differences between the rich client mode and thin client mode in a published chart.

The following table outlines these differences.

Features	Rich client	Thin client
Create charts using Prebuilt Reports	Yes	Yes
Publish Employee Data to OrgPublisher executive on iPad	Yes	No
Formulas	Yes	Yes
Levels and span of control	Yes	Yes
9 Box Matrix	Yes	Yes
Side-by-side profiles	Yes	Yes
Workforce analysis graphs	Yes	Yes
Role-based security	Yes	Yes
Express publishing	No	No
Tabbed view	Yes	Yes
Succession planning	Yes	Yes
Chart design templates	Yes	Yes
Chart legend	Yes	Yes
Hover Profile	Yes	Yes
Spotlight groups and search results	Yes	Yes
Real-time publishing	Yes	Yes
Multiple viewing levels	Yes	Yes
Displayable views	Yes	No <i>Tree View; Search View</i> does not have a separate <i>List View</i> as in PluginX
Resizable views	Yes	No
Show/hide views	Yes	Yes
Moveable (docking) views	Yes	No
Printable views (other than <i>Chart View</i>)	Yes	No
Drilling navigation	Yes	Yes
Hotspot links	Yes	Yes
Smart Links	Yes	Yes
Chart searches (toolbar, <i>Search View</i> , <i>Search</i> dialog)	Yes	Toolbar button opens <i>Search View</i>
Ad hoc or My groups tab in <i>Search View</i>	Yes	No
<i>Group Editor</i> dialog	Yes	No
Saved ad hoc/My groups queries	Yes	No
E-mail a group	Yes	No
Quick search from toolbar	Yes	Yes
Status bar	Yes	Yes
Zoom factor, zoom to point	Yes	No
Copy option	Yes	Browser image copy
Copy query results to clipboard	Yes	Only the records actually seen in the window
Photos in chart	Yes	Yes
Selectable chart styles	Yes	Yes
Logo/watermark support	Yes	No
Print preview - Book or Wall style	Yes	In PDF viewer only
Print as a book	Yes	PDF document
Print as wall chart	Yes	Browser print
Security validation (Active Directory® authentication, ID /Box linkage)	Yes	Yes

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Features	Rich client	Thin client
Automatic/single sign-on security	Yes	Yes, using Active Directory® authentication when running IIS with anonymous access disabled
Browser component required (PluginX)	Yes	No
Section 508 accessibility	Yes	No
Access to a UNC path for photo linkage	Yes	No
Viewable by Mac® computer and UNIX® operating system users	No	Yes, with JavaScript turned off
Chain of Command Mode	Yes	Yes
Send published EChart to PDF	Yes	No