

# ILOG JViews

## Charts

**Ultimate in features, performance  
and control**



### No more compromising

Incorporating a chart into a Web-based graphical user interface (GUI) used to mean settling for a static display, unstable architecture, crude interaction and unattractive graphics. With ILOG JViews Charts, there is no compromising on usability or performance. It brings truly dynamic, interactive charts to Web interfaces.

### Fast, accurate development

Central to the product is Designer for Charts. This display editor lets Java developers rapidly build intuitive, interactive charts that convey complex information. Users simply select a chart type, set its properties, define rules for highlighting critical values, and connect it to a data source. A complete software development kit (SDK) is also included for tailoring any specialized rendering or behavior. Developers get both rapid development and full customization with Designer for Charts and the underlying SDK.

### Features broad and deep

ILOG JViews Charts provides a full range of charts: 2D point, line, bar, stacked, bubble, area, high/low, candle, radar, polar and pie. It comes with "load-on-demand" for handling huge data sets, and a complete set of navigational features. It is also one of the first visualization products to support the new Java Server Faces (JSF) standard for easy thin-client user-interface development.

- **Point-and-click chart designer**
- **Wide variety of chart types**
- **Real-time performance**
- **Completely open API**
- **Robust MVC architecture**
- **Easy thin-client deployment**



Changing the rules of business™

## Designer for Charts

A point-and-click editor complete with wizards, Designer for Charts allows developers to easily specify most aspects of their chart displays. It sets the data-source parameters (JDBC, XML, CSV and others), as well as the visual properties. Designer for Charts also includes an innovative styling feature, which lets developers define precisely how the graphics will be displayed under different data conditions. The output of the editor is a chart configuration file, which can be further refined with the SDK.

## Flexible look and feel

A full set of styles and custom parameters gives the user control over the look and behaviors of the charts:

- Wide range of chart types, including bar, pie, bubble and XY
- Linear and logarithmic scales; cartesian and polar charts
- Multiple, flipped and swapped axes
- Smart tick-mark labels
- Labels on data points and user-definable data point markers
- Legends explaining graphical elements
- Prebuilt navigation tools that include selection, panning and zooming

## Advanced services

Performance monitoring often requires charts with video-like refresh rates. ILOG JViews Charts delivers this performance. All the charts zoom and scroll, adapt their scales automatically and support multiple axes. For applications with very large data sets, ILOG JViews Charts provides a load-on-demand functionality, which places data in a locally managed cache and displays it as needed.

## Robust MVC architecture

ILOG JViews Charts implements a Swing-like model view controller (MVC) architecture, which clearly separates data from displays. The data model is completely open and extensible, and can be connected with other application components. Notifications are automatic and transparent. When the data model changes, charts are updated, and when a user interacts with a chart, the model changes.

## Easy thin-client deployment

All the charts are available as JSFs, which hide the complexity of writing interactive DHTML charts for the Web. As JSFs, ILOG JViews charts can be modified and deployed with any JSF editing tool, like Sun's Java Studio Creator.

*"ILOG JViews is the most comprehensive Java charting product we've found. It reproduces non-Java charts and the complicated graphics we want. We're constantly looking for more competitive products, but ILOG JViews is still the best choice."*

– Mike Davidson

Operations manager  
Monitor Management  
control Systems, Limited



## Learn more

For more information on  
ILOG JViews Charts, please visit  
<http://charts.ilog.com/>.

## ABOUT ILOG

ILOG's innovative enterprise-class software components and services have helped companies maximize their business agility and improve operating efficiency for over 10 years. Over 1,000 global corporations and more than 300 leading software vendors rely on ILOG's business rules, optimization and visualization technologies to achieve dramatic returns on investment, create market-defining products and services, and sharpen their competitive edge. For more details, please visit [www.ilog.com](http://www.ilog.com).

**ILOG Worldwide Information Center - Tel: 1-800-FOR-ILOG (US only) or 1-775-881-2800 (International) • URL: <http://www.ilog.com>**

**China** - ILOG (S) Pte. Ltd. - Beijing Representative Office - Tel: +86 10 8518 1080 - E-mail: [info@ilog.com.sg](mailto:info@ilog.com.sg)

**France** - ILOG S.A. - Gentilly - Tel: +33 (0)1 49 08 35 00 - E-mail: [info@ilog.fr](mailto:info@ilog.fr)

**Germany** - ILOG Deutschland GmbH - Bad Homburg v.d.H. - Tel: +49 6172 40 60 - 0 - E-mail: [info@ilog.de](mailto:info@ilog.de)

**Japan** - ILOG Co., Ltd - Tokyo - Tel: +81 3 5211 5770 - E-mail: [info@ilog.co.jp](mailto:info@ilog.co.jp)

**Singapore** - ILOG (S) Pte. Ltd. - Singapore - Tel: +65 67 73 06 26 - E-mail: [info@ilog.com.sg](mailto:info@ilog.com.sg)

**Spain** - ILOG S.A. - Madrid - Tel: +34 91 710 2480 - E-mail: [info@ilog.es](mailto:info@ilog.es)

**UK** - ILOG Ltd. - Bracknell - Tel: +44 (0) 1344 66 16 00 - E-mail: [info@ilog.co.uk](mailto:info@ilog.co.uk)

**USA** - ILOG, Inc. - Mountain View, CA - Tel: +1 650 567-8000 - E-mail: [info@ilog.com](mailto:info@ilog.com)

Representatives and distributors in other countries

ILOG, CPLEX and the ILOG logotype are registered trademarks, and all ILOG product names are trademarks of ILOG. All other brand, product and company names are trademarks or registered trademarks of their respective holders. The information presented in this brochure is summary in nature, subject to change, non-contractual, and intended only for general information.



Changing the rules of business™