JasperReports Server | Self-Serve Reporting and Analysis Server

JasperReports Server is a stand-alone and embeddable reporting and in-memory analysis server, enabling delivery of mission critical information on a real-time or scheduled basis to the web, to the printer, or to a variety of file formats. It supports a web based easy to use self-service drag and drop interactive reporting and in-memory analysis environment, enabling users to meet their own reporting needs without burdening IT or software application providers.

TECHNOLOGY HIGHLIGHTS AND BENEFITS

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
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<tbody>
<tr>
<td><strong>Web based AJAX / DHTML UI</strong></td>
<td>Modern interface with drag and drop simplicity</td>
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<td><strong>HTTP URL addressable content</strong></td>
<td>User-sharable reports, analyses, dashboards, and mash-ups</td>
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<td><strong>Web Services, Java, JSP APIs</strong></td>
<td>Cost-effective customizations and seamless integrations</td>
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<td><strong>Data access metadata layer</strong></td>
<td>End-user and Enterprise-Ready managed data access</td>
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<td><strong>CSS driven UI framework</strong></td>
<td>Easy customization of fonts, colors, and UI layout</td>
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MAKE FASTER, BETTER BUSINESS DECISIONS WITH JASPERSOFT

- Embedded or stand-alone reporting and in-memory based analysis
- Secure, schedule, and deliver interactive reports to 1,000s of users
- Intuitive self-serve web-based Ad Hoc query and report design environment – BI editions
- In-Memory Analysis engine explores data from relational and NoSQL sources – BI editions
- Interactive dashboard and mashboard support summarizes data for easier consumption
- Cloud ready BI platform with built-in multitenancy
- Animated visualizations provides rich interactivity
- Animated charts, maps, and widgets delivers greater interactivity to reports and dashboards
- Internationalized, localized, and multilingual for global deployments
BI Platform
JasperReports Server provides a complete BI platform for reporting and in-memory analysis, with shared services including a metadata and content repository, report management, security integration, interactivity, and scheduling. The BI platform has been designed from the ground-up for integration with other applications through rich Web Services, Java, and HTTP APIs, as well as being completely ready for stand-alone enterprise BI deployments.

Interactive and Production Reporting
JasperReports Server adds easy to use interactive reporting capabilities to the JasperReports Library. Report prompts and controls can be easily defined in JasperReports Server, and present end-users with an intuitive user interface for entering report parameters, for example to control filtering, sorting, or grouping of the report.

JasperReports Server benefits from the underlying power of the JasperReports Library, including flexible pixel-perfect report layout, support for a wide range of output channels (pdf, html, xls, csv, rtf, txt, and xml), comprehensive charting, drill-down analysis, internationalization, and unlimited report size via report virtualization.

Production Reporting
JasperReports Server is widely used to generate and distribute web and printable invoices, forms, and all varieties of complex reports from production systems.

Key features for production reporting include:
- Pixel-perfect report layout
- Subreports for building complex reports
- Page-oriented or continuous output for screen or print
- Multiple data sources in one report
- JDBC, EJB, POJO, Hibernate, MDX, XML, CSV and custom data sources
- Centrally managed, delivered, and secure reporting environment

Dashboards and Mashboards
*Jaspersoft BI Edition only feature*
End users can design, configure, and deploy their own interactive BI dashboards in minutes.

It’s as simple as dragging and dropping reports and charts onto the web-based dashboard designer. You can even “mash up” URL-addressable content, such as maps, videos, and content from other public sources for an even richer BI experience!

Self-Serve End-User Query and Reporting
*Jaspersoft BI Edition feature*
Powered by a modern interactive web based and rich metadata mapping of data sources, power users can build their own ad hoc query and reports—without depending on IT or developers. The intuitive drag and drop report designer replaces the complexity of SQL and underlying data structures.

Users can create, save, schedule, and distribute reports in a secure environment. In a world where data and its context is critical, Jaspersoft gives end users the flexibility of interacting with data within a familiar operational application or as a stand alone environment.

Integrated In-Memory Analysis
*Jaspersoft BI Edition feature*
End users can directly connect and analyze data across multiple dimensions and measures from structured or unstructured Big Data sources.

The push down query processing architecture combined with an In-Memory Analysis engine, delivers exceptional performance for any data source without requiring an OLAP server or data mart/data warehouse.

The intuitive Analysis UI lets non-technical users drag & drop, filter, sort, pivot, slice, drill, or chart their relational or NoSQL data with speed and simplicity.
Security and Report Management
JasperReports Server provides comprehensive, secure, and embeddable report management capabilities:

- Easy to use web-based report management interface for non-technical end-users. All user interfaces are customizable or replaceable.
- Secure access control over reports, report resources, methods, and Web Services by user, group, and role.
- Built-in single sign-on capability.
- Built-in user directory and maintenance user interface, as well as integration with external authentication and authorization systems.
- Storage of a broad range of content types, including report definitions, report output instances, fonts, images, data source definitions, and subreports.
- Scheduling and automatic distribution of reports by email as attachments or secure links.

Easy to Use
JasperReports Server is usable by non-technical end-users who wish to view, run, or create their own reports by providing intuitive web user interfaces for:

- Browsing and searching the repository
- Managing user preferences
- Prompting for report input parameters
- Creating new reports
- Scheduling reports
- Distributing reports

Graphical Report Designer
Jaspersoft iReport Designer, the included client side graphical report designer, provides full support for JasperReports Server. Report definitions can be uploaded and downloaded from the repository, and JasperReports Server reports can be assembled complete with all required resources such as fonts, images, subreports, and parameter prompts.

In addition, 3rd party report designers can be used to design the basic JasperReports report definition, and these definitions can be imported into JasperReports Server.

Seamless Embeddability
JasperReports Server can easily be embedded in any Java or non-Java application:

- The core of the platform is a comprehensive set of public Java APIs that provide an abstraction mechanism to integrate a variety of business intelligence engines, backed by a metadata repository (BI Editions only) with secure object-level access control.
- JasperReports Server provides a complete set of SOAP, REST, and HTTP based Web Services allowing remote and seamless integration with other Java and non-Java platforms. Pre-built wrappers are provided for C/C++ and PHP.
- JasperReports Server comes with a web standard CSS driven user interface for simplified customizations and maintenance. The API allows user interfaces to be modified, completely replaced, and embedded with existing applications.
- JasperReports Server can use JDBC and NoSQL sources such as Hadoop HIVE, HBase, and MongoDB. A single report may use data from multiple data sources.
- The Spring Security framework allows easy integration with third party and homegrown authentication and authorization systems.

Mobile Business Intelligence
Instant ubiquitous access to business information has become a growing necessity for competitive organizations. With the progress of tablet and smartphone devices, the reality of mobile BI has arrived.

Jaspersoft mobile gives business users the ability view, analyze, and create information on-the-go using an iPad or iPhone device. JasperReports Server, accessible via a touch enabled iPad browser or through a native iOS application, powers the mobile platform. Organizations now have the choice to build a native BI application with an open source mobile SDK or deploy instantly through a browser interface.
Product Editions & Licensing
Jaspersoft products are available as Professional and Enterprise editions with access to modifiable source code, and as open source Community projects.

Community Projects
The Jaspersoft Community projects provide core BI functionality for open source developers and technology enthusiasts who want to add reporting and analytics to their applications and operational processes.

Community software is distributed by Jaspersoft “as-is” and can be modified and redistributed under the terms of GNU GPL open source license.

Professional Edition Value
The Professional Edition JasperServer product builds on the Community Project and provide valuable benefits including:

- Professional technical support up to 24x7
- Advanced product features such as Ad Hoc query and reporting, Integrated In-Memory Analysis, Flash based visualizations, Multi-tenancy, and enhanced manageability
- Commercial license that includes legal indemnification and product warranties
- Professionally managed release cycle
- Certified platform support for a wide range of popular application servers, operating systems, and databases
- Plus other benefits

The Professional Edition is available as a low-cost Standard or Premium subscription. Check our editions page for advanced features and more information.

OEM Licensing
The Professional Edition is also available under an OEM license. With an OEM license, you get the same product, support, and business benefits, plus the rights to embed or redistribute Jaspersoft in commercially distributed or on-demand software-as-a-service (SaaS) applications.

Obtaining Jaspersoft Software
Community Edition software is downloadable from jasperforge.org.

Professional & Enterprise Edition software is available through annual and multi-year subscriptions. For a free evaluation copy, Live Hosted Trial, or for more information, email sales@jaspersoft.com or visit our website at jaspersoft.com/download.

Services and Support
Jaspersoft offers expert training, professional services, and among the industry’s highest-rated technical support (based on independent BI industry analyst firm survey).

Technical Support
Jaspersoft’s expert Technical Support offers guaranteed response times, so all customers are assured that a support engineer is available to assist when needed. Per-incident support packages and annual product subscriptions come with online knowledge base access, premium documentation, and high-quality support.

Training
Jaspersoft offers self-paced online, instructor-led online, and regular instructor-led classroom training classes. Training can be delivered online or at your location using your own data. The classes are practical, with hands-on examples, to enable attendees to be productive quickly.

Professional Services
Jaspersoft offers custom and pre-packaged Professional Services to help you with needs analysis, installation, customization, upgrades and migration, report development, integration, and implementation. Jaspersoft Professional Services can help your organization reduce ramp-up time, and accelerate project completion.

Contact Jaspersoft Today
For information about Jaspersoft partnerships, OEM licensing, products, support, or services offerings:

Jaspersoft Headquarters:
539 Bryant Street, Suite 100
San Francisco, CA 94107, USA
phone: +1 888.399.2199 or +1 415.348.2380
Email: sales@jaspersoft.com

Jaspersoft Europe, Middle-East, Africa:
Digital Court,
Rainsford Street, The Digital Hub
Dublin 8, Ireland
Phone: +353 1 443 4700
Email: sales-emea@jaspersoft.com

Jaspersoft Asia Pacific, Japan, Australia/NZ:
36th Floor, CRC Tower, All Seasons Place
87/2 Wireless Rd., Lumpini, Phatumwan
Bangkok 10330 Thailand
Phone: +66 2 625 3165
Email: sales-apac@jaspersoft.com