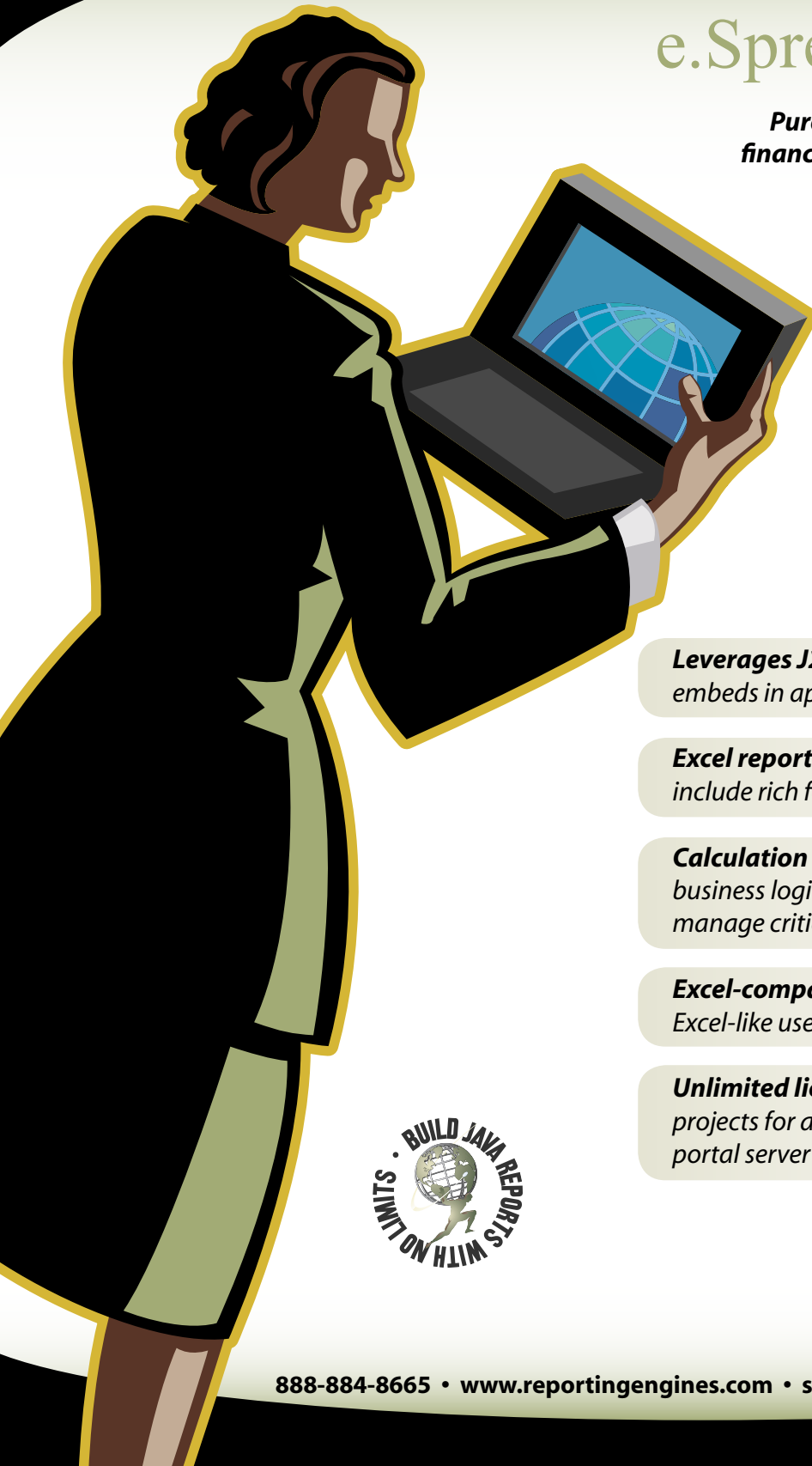


FORMULA ONE[®]

e.Spreadsheet Engine

Pure Java spreadsheet toolset for building financial functionality into J2EE applications



Leverages J2EE environments: API-driven toolset embeds in application and portal servers

Excel reporting: Generate real Excel reports that include rich formatting features upon delivery to users

Calculation and business rules engine: Use business logic and formulas developed in Excel files to manage critical elements of your Java applications

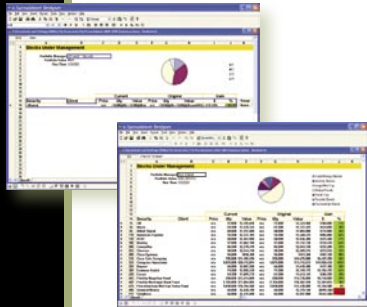
Excel-compatible, calculating data grids: Embed Excel-like user interfaces in applets and applications

Unlimited licensing: Use in an unlimited number of projects for any number of users on an application or portal server installation regardless of server CPUs



Formula One e.Spreadsheet Engine

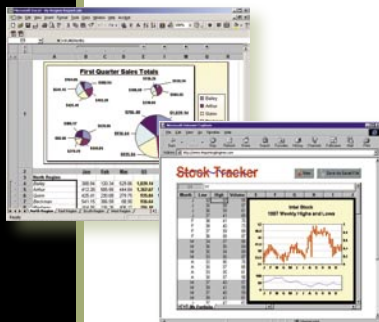
Version 11.0



Excel Reporting: Point, click, and build report templates with the e.Spreadsheet Designer from virtually any server-side data source. Generate dynamic, richly formatted Excel reports from any application or portal server — automatically!



Calculation and Business Rules Engine: Use standard Excel files on application and portal servers to manage calculations and business rules. No need to translate Excel formulas to Java code!



Powerful, calculating user interfaces: Embed Excel-like data grids in applets or Java desktop applications. Much more functionality than a standard data grid!

Pure Java, API-driven component for use in your existing J2EE platform

- More than 1,000 properties, methods, and events provides developers with a high level of flexibility and customization
- For use in building applications in Borland JBuilder, BEA Workshop, IBM WebSphere Studio Application Developer, Oracle JDeveloper, or any Java integrated development environment (IDE)
- Embeds with applications deployed on WebLogic, WebSphere, JRun, JBoss, Apache or any J2EE application server

Generate true Excel reports with a high level of Excel compatibility from your J2EE platform

- Deliver Excel reports that include PivotTables and Data Filters upon delivery to end users
- Include split windows, password protection, and freeze panes in your Excel spreadsheet reports
- Reads/writes Excel 95/97/2000/XP files
- Reads/writes Excel 2D and 3D charts
- Support for Excel syntax and formulas
- Support for all Excel worksheet functions
- Outlining
- Merged cells
- Multiple worksheets
- Conditional formatting
- Rotated text
- Hyperlinks in cells

Powerful data access and flexible generation of Excel reports

- Access custom data sources, XML, and SAP data sources with point-and-click wizards
- Includes methods and wizards for accessing databases, XML, text files, and other server side data sources
- Generate Excel reports programmatically with code and APIs
- Build report templates during design time visually with the e.Spreadsheet Designer

Use on servers for managing calculations and business rules; embed in client-side user interfaces as a calculating, Excel-like grid

- Use in "headless" mode on servers to perform calculations. Even use Excel files as templates for your calculations.
- Use the user interface classes as an embedded, Excel-like grid in applets and desktop applications

100% Pure Java

- Support for JDK 1.3.1 and later

International support

- French, German, Italian, and Spanish
- Japanese version also available
- Translation toolkit for other languages

Charting

- Support for Excel's 3D charts, chart groups, legend item formatting, time scales, auto scaling of fonts, multi-level axis labels, and combined data labels
- Supported chart types include column, line, area, step, bar, combination, pie, doughnut, XY (scatter), bubble, pie-of-pie, bar-of-pie, and stock.
- Includes a charting API for generating Excel-compatible 2D and 3D charts programmatically from servers
- Chart Wizard eases construction of charts

More than 10 years of development

- The Formula One Spreadsheet Reporting Engine first started development in 1993

Backed by a worldwide support organization

- The Formula One e.Spreadsheet Engine is sold by ReportingEngines, a division of Actuate Corporation (NASDAQ: ACTU), and supported by Actuate's worldwide support organization



• Product Information

www.reportingengines.com/products/espreadengine/overview.jsp

• Download a Trial

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• Demos

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