JMP® 64-Bit Edition

Analytics that shatter the 2 GB limit

What is different about JMP® 64-Bit Edition?

JMP performs analytics, graphics and dynamic visualization in memory on the desktop to put interactive data analysis at your fingertips. This edition of JMP is optimized to take advantage of the power of 64-bit Windows and Linux desktop computers, which can offer more than 100 times the desktop address space of 32-bit machines.

Why is JMP® 64-Bit Edition important?

Critical problems and development efforts often require analysis of large amounts of data that 32-bit systems may not be able to handle. JMP 64-Bit Edition lets you take advantage of 64-bit machines. There is now virtually no limit to the size of the data tables or the number of rows and columns you can analyze and explore graphically. If you already use SAS®, you are used to analyzing huge amounts of data. And with JMP, you can explore that data graphically.

Who should use JMP® 64-Bit Edition?

Business and scientific users in R&D, production, sales and marketing who collect or merge enormous amounts of data will want to consider this edition of JMP. Typical industries that will benefit include life sciences, semiconductors, financial institutions, insurance, and Internet and computing service providers.

STATISTICAL DISCOVERY. FROM SAS.

As you invest in 64-bit computers, you expect your software to keep up. Not only have 64-bit processors raised the ceiling on data and model size; they also have elevated expectations for analyzing large and complex problems. A 64-bit processor can address up to 16 exabytes of memory.

JMP 64-Bit Edition meets the challenge head on. Large-scale operations mean lots of data–data about materials, output, sales, shipping, billing, suppliers, customers and more. And 64-bit processors provide the perfect environment for handling enormous amounts of data. With JMP 64-Bit Edition, limitations on table sizes are removed, so that you can analyze tens of millions of rows routinely and dynamically link statistics with graphics to make huge amounts of data accessible in ways you might never have thought possible.

More than 100,000 analysts, researchers, scientists and engineers in almost every industry imaginable now use JMP. They rely on its comprehensive visual analysis to interactively explore, visualize and better understand their data, using this knowledge to inform their statistical analyses and to be genuinely data driven.

JMP 64-Bit Edition is powerful as a standalone desktop tool to access data stored in many formats. Even more powerful is its use in conjunction with other SAS offerings and large data sets. Users experience the best of every world: the robustness of the SAS® Enterprise Intelligence Platform, the unparalleled depth of SAS predictive analytics and the unique visualization capabilities of JMP. Unexplored data equals missed opportunity, and the seamless integration between JMP and other SAS products is an opportunity to further leverage your SAS investment. Opportunity is knocking. Are you answering?

Graphics that take you beyond 3-D

Most graphs limit the number of variables to three dimensions. Not JMP. JMP graphs routinely allow you to visualize up to seven dimensions at a time. New motion-enabled bubble plots let you watch a story unfold from your data over a minute or two. See the movers and shakers among the data points, which points are leaders, which are followers and which are contrarians.

Integrated tree maps size data results relationally as blocks, leaving no unused space on the square map. They are useful for large data sets where there are many categories and are helpful for uncovering patterns among groups that have many levels.

And it doesn't stop there. Parallel plots, scatter plots, Pareto plots and control charts handle complex and large amounts of data.

Interactive data filtering updates all graphs at once

JMP lets you capture and replay your analyses, save them with your data or edit them for reuse with other data. JMP 7 goes one giant step further. Now you can select, exclude, hide or otherwise filter data, and then all graphs and reports will update automatically. Aggregate and disaggregate to see whether a group behaves as a group or whether its components behave as individuals.

Share information and limit rework

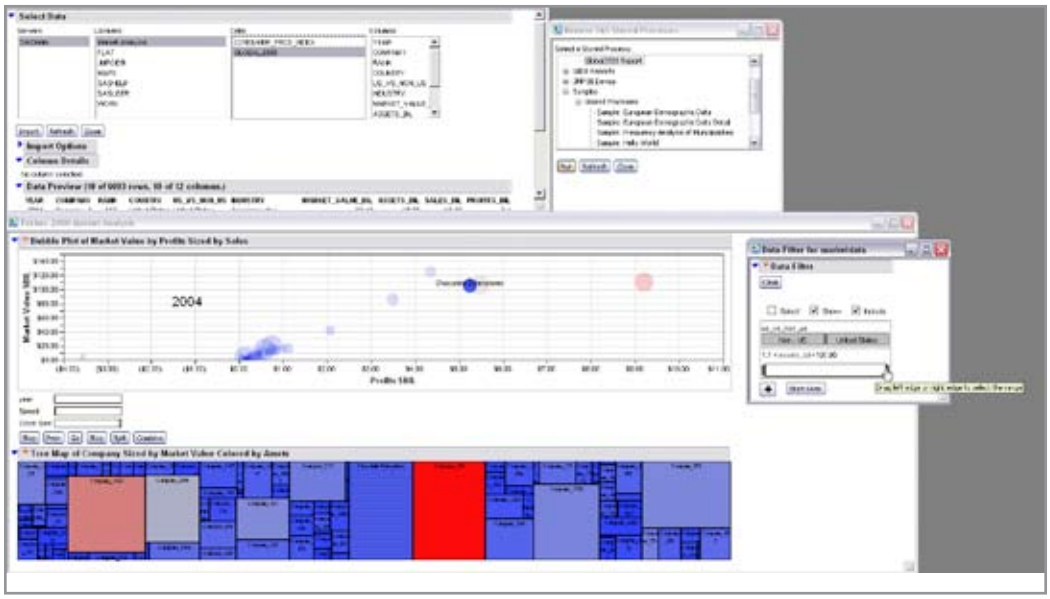
Don't just stumble into decisions. With JMP 64-Bit Edition, you can systematically explore vast amounts of data stored on your desktop, in databases or on a SAS®9 server. After JMP helps you make sense of your data, it also makes it easy for you to share with your co-workers or managers all the project files, including data tables, journals and scripts. Just drag files and windows to the project window, and then save the project in an embedded form. When a colleague opens the project, JMP restores everything so you're ready for the next step, wherever that takes you.

More data, no limits

Did you invest in a 64-bit system because you have to make sense of millions of financial transactions, consumer purchases, Internet traffic or manufacturing production runs? JMP 64-Bit Edition keeps pace with your data and computing demands. Your hardware and memory investment positions you to handle large amounts of data. With JMP 64-Bit Edition, there are virtually no restrictions on data size, so you can handle any real-world problem. Just as you planned.

Query, visualize and interact with your SAS® data like never before

SAS provides a rich environment for batch analytics and stored processes–plus powerful integration and manipulation tools for large amounts of data. JMP 7 adds an important dimension to the SAS System: dynamic business visualization. JMP is a SAS client that lets you grab your data to make it come alive. Everything in JMP is active. There's no waiting for results when you submit a change, request a report or make a query to the server. With JMP, you just point, click, drag and drop to explore items of interest, and then you see the results instantly. SAS programmers can write SAS code using JMP, submit it to the server and view results as interactive JMP graphs and reports.



JMP® 64-Bit Edition Technical Requirements

Windows
OS: Windows XP 64-Bit Edition, Windows Vista 64-Bit Edition, Windows Server 2003 SP2 64-Bit Edition
CPU: x64 processor (Intel Xeon, AMD Opteron or AMD Athlon class processor)
RAM**: 256 MB RAM (1 GB recommended)
Drive Space: 150 MB free disk space
Browser: Microsoft Internet Explorer 6.0 or higher
Recommended Display Configuration: True (24bit+) color with resolution 1024x768 or greater; video card with hardware accelerated 2-D and 3-D drivers recommended
Database: Unicode compliant ODBC 3.0 or higher (required only if connecting to a database)
SAS Integration (optional): SAS 9.1.3 SP4
Linux
OS: Fedora Core 4, 5, 6 with libstdc++ compatibility libraries installed
SuSE 9.2, 9.3, 10.0, 10.1, 10.2
Red Hat Advanced Server 3.0 or higher
Kernel: Linux kernel 2.6.x
Desktop: Compatible with the KDE and Gnome environments
CPU: 64-bit - AMD x86_64 (Athlon64, Opteron, Turion 64 or higher) or Intel EM64T (Pentium 4 6xx, Core 2 or higher)
RAM**: 128 MB minimum (256+ MB recommended)
Drive Space: 110 MB minimum free disk space
Recommended Display Configuration: True (24bit+) color with resolution 1024x768 or greater; video card with hardware accelerated 2-D and 3-D drivers recommended
Database: Unicode compliant ODBC 3.0 or higher (required only if connecting to database)
SAS Integration (optional): SAS 9.1.3 SP4

** Reflects minimum requirements to run JMP. The amount of data your 64-bit system can handle is in proportion to the amount of RAM you have installed. To handle bigger problems with more data, add more RAM

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