

## JMP<sup>®</sup> 4 Administrator's Guide to Annually Licensed Windows or Macintosh Versions

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This document describes how site administrators can install and renew annually licensed versions of JMP.

An *annually licensed* version of JMP is a protected version that expires at the end of a license period. The version will only run when an appropriate JMP .PER file is present, and only until the expiration date specified (plus a grace period for renewal).

Typically your JMP CD will have a JMP .PER file that uses a temporary password. After SAS Institute has received your payment, you will receive a permanent password in the mail. At this time, you must update your JMP .PER file by using the *JMP Admin* application and supplying the permanent password. Then you must distribute the permanent JMP .PER file to all licensed users.

When you renew your JMP license for another term, you will again receive a new password, edit the JMP .PER file using JMP Admin, and distribute the new file to all licensed users.

# Contents

Installing JMP .....	3
Right away .....	3
Copy the JMP installer to the network .....	3
Check the JMP.PER file .....	3
Instruct users to install JMP .....	3
When you receive your permanent password .....	3
Edit the JMP.PER file .....	3
Distribute the permanent JMP.PER file .....	5
Renewing or upgrading your JMP.PER file .....	5
Other ways to distribute JMP.PER .....	5
Client-server installation .....	6
Installing on Windows .....	6
Installing on Macintosh .....	6
Frequently asked questions .....	7
Why would I want a network-only installation of JMP? .....	7
How do I set up a network-only installation of JMP? .....	7
Will any JMP files reside on the client machines? .....	7
What sharing permissions are needed? .....	7
Where does the actual computing take place when running JMP over a network? .....	8
How does client-server installation affect the size of data tables JMP can open? .....	8
How does JMP handle multiple users trying to access the same data? .....	8
Contacting Technical Support .....	8

## Installing JMP

Here are the steps required to install JMP for the first time. There are some steps to perform right away, and a few more steps to perform when your permanent password arrives.

### Right away

You can perform these steps right away using the temporary password that comes with your initial shipment.

#### Copy the JMP installer to the network

The easiest way to make the JMP installer available to your licensed users is to copy the contents of the JMP CD to a volume on the network:

- Mount the network volume
- Make a folder for the JMP installer
- Open the JMP CD by double-clicking it in the Explorer (Windows) or the Finder (Macintosh)
- Copy the contents of the CD to the folder on the network volume; however, do not copy the JMPAdmin folder

#### Check the JMP.PER file

- Make sure the JMP.PER file is present in the install folder you just created  
Windows: JMP.PER is found in the JMP folder on the installer CD.  
Macintosh: JMP.PER is found at the root level of the installer CD.

In most cases you will receive a temporary JMP.PER file. Later you will receive a password for making the JMP.PER file permanent by following steps described under “Edit the JMP.PER file,” p. 3.

#### Instruct users to install JMP

- Instruct the licensed users to run the installer from their client machines

Alternatively, see the later section “Client-server installation,” p. 6, for details on how to install JMP for use from a network volume.

If JMP.PER is present in the JMP folder, the file is installed automatically. Otherwise, the user must manually place the file in the JMP folder (Windows) or the JMP folder in the System folder’s Application Support folder (Macintosh).

Note that each user *must* run the installer. Simply copying an installation folder from a server to each client machine will not work.

*Important!* When you receive your permanent password in the mail, continue with the steps described in the next two sections: “Edit the JMP.PER file,” p. 3, and then “Distribute the permanent JMP.PER file,” p. 5, so that nobody’s copy expires.

### When you receive your permanent password

When you receive your permanent password, you should update the JMP.PER file in your network installation folder and then redistribute the JMP.PER file to all licensed users.

#### Edit the JMP.PER file

Follow these steps to edit the JMP.PER file:

### Installing JMP

- Launch JMPAdmin, found inside the JMPAdmin folder on the CD
- Open your current JMP.PER file from the network installation folder
- Supply the Site ID, maximum users, expiration date, and password *exactly* as specified, or review the information already shown
- Supply the name of the administrator, the organization, and optionally the department holding the license

**JMPAdmin: Supply Setinit Information**

Platform:  Windows  Macintosh

License Type: Site

Site ID: 123456 [ Required ]

Maximum number of total users allowed: 250 [ Required ]

Expires: 12DEC2000 [ Required ]  
[ ddMMyyyy ]

Password: 1234567890 [ Required ]

Administrator Name: Wile E. Coyote [ Required ]

Organization: eACME.com [ Required ]

Department: eRoadrunner Destruction [ Optional ]

Buttons: Done, Open..., Save..., Print...

**JMP.per**

Product: JMP for Macintosh

Required

License Type: Site License

Site ID: 123456

Maximum Users: 250

Expires: 12/31/2000

Password: 123456789

Administrator Name: Wile E. Coyote

Organization: eACME.com

Optional

Department: eRoadrunner Destruction

- To save the information, click Save (Windows) or select **Save** from the **File** menu (Macintosh)

- To print the information, click Print (Windows) or select **Print** from the **File** menu (Macintosh)
- To quit, click Done (Windows) or select **Quit** from the **File** menu (Macintosh)

#### Distribute the permanent JMP.PER file

- Distribute the new JMP . PER file to all licensed users, instructing them to delete the old file and replace it with the new one
  - Windows: JMP . PER belongs in the same folder as the JMP application
  - Macintosh: JMP . PER belongs in the System folder's Application Support folder for JMP

Any users who install after you have placed the permanent JMP . PER file in the install folder will automatically receive the correct file.

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## Renewing or upgrading your JMP.PER file

After the expiration date, JMP allows a 90-day grace period to renew the license and create a new JMP . PER file. For the first 60 days of the grace period, JMP will quietly work as it has before. For the next 30 days, JMP will alert users that a new JMP . PER file is required. After the 90th day, JMP will no longer launch, and each user must obtain a renewed JMP . PER from the site administrator.

You will also need to update the JMP . PER file if you want to upgrade your JMP license for a greater number of users.

- Call SAS Institute Customer Service at 919.677.8003 to renew or upgrade your license

You will obtain a new password to unlock JMP for the new license period or the increased number of users.

- Follow the instructions under "Edit the JMP.PER file," p. 3, to update your JMP . PER file with the new password
- Distribute the new JMP . PER file to all licensed users, instructing them to delete the old file and replace it with the new one

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## Other ways to distribute JMP.PER

Because the only thing that is special about an expiring version of JMP is that it must find its JMP . PER file, you could take any number of approaches to making JMP . PER available. Here are some of the options.

1. (Easiest method.) Leave the JMP . PER file in the JMP folder on the network, so that the file is automatically installed.
2. Place the JMP . PER file in a separate secured folder on the network, and instruct users to copy the file to their JMP folder (Windows) or system folder's Application Support folder for JMP (Macintosh) after installing.
3. (Windows only) Place the JMP . PER file in a separate secured folder on the network and instruct users to install JMP. The first time they start JMP, they are asked to locate the JMP . PER file. JMP stores the path to the JMP . PER file in the registry file on the user's machine.

The third method is risky, because JMP will not run if the network is unavailable or the JMP . PER file is moved, deleted, renamed, or if the path is inaccessible in any way. However, it enables you to update the network's JMP . PER file without involving the users.

Whichever method you choose to make the JMP.PER file available, be sure that its enclosing folder has sharing permissions making it accessible only to those individuals licensed to use JMP.

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## Client-server installation

Most JMP users prefer to install the complete JMP product to their individual machines, but certain sites prefer a client-server installation of JMP, where the software runs directly from a network server machine. Where disk space is at a premium or where site administrators need to have closer control over the JMP installation (such as to ensure that users always run the latest release, that JMP.PER files are always up to date, and that no unauthorized users gain access to JMP), a *client-server installation* offers several advantages.

### Installing on Windows

Usually, each user installs JMP by running **Setup.exe** from the JMP installation folder. This copies the JMP application, support files (DLLs and so on), help, samples, and online documentation to a folder on the local machine's disk drive. A typical Windows installation places about 40 megabytes of JMP files in the folder C:\Program Files\SAS Institute\JMP 4. (Custom installations omitting samples, help, etc. can save disk space.) From this point onward, the users have complete control of the application and will need to perform their own upgrades, get updated JMP.PER files, and so on.

A client-server installation of JMP stores all the JMP files in a single location on a network volume, where the site administrator retains complete control. Each user then runs a simple utility that merely configures the Windows registry and places a JMP icon on the desktop.

To perform a client-server installation of JMP, the site administrator should follow these steps:

- Run **Setup.exe** to install JMP in a folder on a network volume
- Set permissions that make the folder accessible only to licensed JMP users
- Copy **JMP 4 Client.exe** to this folder or another network folder accessible only to licensed JMP users

Next, the licensed users should run **JMP 4 Client.exe** to configure their local machines to run JMP:

- Double-click the **JMP 4 Client.exe** icon and follow the instructions that appear on screen
- When asked to select the folder where JMP is installed, click **Browse** and navigate to the network JMP folder specified by the site administrator

### Installing on Macintosh

Usually, each user installs JMP by running **JMP 4 Install** from the JMP installation folder. This copies the JMP application, samples, and online documentation to a folder on the local machine's disk drive. A typical installation places just over 20 megabytes of JMP files in a JMP 4 folder, plus a 20-megabyte JMP folder inside the system folder's Help folder. (Custom installations omitting samples, help, etc. can save disk space.) From this point onward, the users have complete control of the application and will need to perform their own upgrades, get updated JMP.PER files, and so on.

A client-server installation of JMP stores all the JMP files in a single location on a network volume, where the site administrator retains complete control. Each user then runs JMP from the network volume.

To perform a client-server installation of JMP, the site administrator should perform these steps:

- Launch **JMP 4 Install** and choose **Custom Install**
- For **Install Location**, choose (or create) a JMP 4 folder on a network volume
- Check all items on *except* **Help Files**; instead check **Help Files – alias only**
- Click **Install**
- After the installation is complete, copy the JMP Help folder from the CD into the JMP 4 folder
- Set permissions that make the folder accessible only to licensed JMP users

Optionally, if you do not plan to use JMP from the Macintosh you used for installation, you may delete the JMP alias from your system folder's Help folder or replace it with an alias to the JMP Help folder you copied into the JMP 4 folder.

Also, check the JMP Install Log that is saved alongside the JMP 4 folder. If it lists extensions that were installed, and your configuration is typical of those at your site, you might want to make the installed extensions available in the JMP 4 folder. Most users will not need any additional extensions.

Next, the licensed users should perform these steps:

- Place an alias to the network volume's JMP 4 application on your local machine's desktop or in another convenient location  
(Open the JMP 4 folder containing JMP and Command-Option-drag the JMP application icon to the desired location on your Mac)
- Place an alias to the JMP Help folder (in the network's JMP 4 folder) in your system folder's Help folder. Rename the alias to "JMP" (not "JMP Help").
- If JMP's help system does not work properly, check for needed extensions in the JMP 4 folder (or contact the site administrator)

## Frequently asked questions

### Why would I want a network-only installation of JMP?

Most users will experience optimum performance and convenience from a complete local installation. However, running JMP in a client-server configuration on a network allows site administrators to have one central location where the software resides, making it easier to ensure that the software is always up to date and its usage is in full compliance with the terms of the license agreement.

### How do I set up a network-only installation of JMP?

First, install JMP 4 to a network folder with appropriate permissions and then either configure each client machine yourself or else instruct the licensed JMP users to do so. Follow the instructions given in the previous sections, "Installing on Windows," p. 6, and "Installing on Macintosh," p. 6.

### Will any JMP files reside on the client machines?

If users save JMP preferences, JMP preferences files are saved on their client machines.

Most users will want to save data tables, journals, scripts, and other private data on their client machines. Sharing such JMP documents over the network is also possible (see "How does JMP handle multiple users trying to access the same data?," p. 8, for details).

### What sharing permissions are needed?

The JMP 4 folder should only be accessible to users licensed to run JMP.

Most JMP users should not have write access to the network JMP 4 folder nor its subfolders.

Shared JMP documents (data tables, journals, scripts, etc.) should generally be stored in separate folders or subfolders that have appropriate read/write permission settings.

**Where does the actual computing take place when running JMP over a network?**

Although JMP is physically installed on the server, all processing takes place on the individual client machines. Therefore, the client machine's processor speed and available memory are important; the server's is not.

**How does client-server installation affect the size of data tables JMP can open?**

It doesn't. How large a data table that JMP can handle still depends on the amount of RAM available on the client machine.

**How does JMP handle multiple users trying to access the same data?**

JMP has no special facilities for managing shared JMP documents; standard file server behaviors apply. The first user to open a JMP document gets both read and write access, but any users who open it subsequently are warned that the document is read-only and they will be unable to save changes.

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## Contacting Technical Support

If you encounter errors or have questions regarding the installation, you can contact SAS Institute Technical Support by telephone, fax, web, or e-mail. When contacting Technical Support, provide your Site ID number. Support cannot be provided without a valid Site ID number.

SAS Institute Inc.  
SAS Campus Drive  
Cary, NC 27513  
U.S.A.

Telephone 919.677.8008 (9am–5pm Eastern Time, during SAS Institute business days)  
Fax 919.677.4444

Email: [support@sas.com](mailto:support@sas.com)  
<http://www.jmpdiscovery.com/support/>

Electronic mail support is available through the Electronic Mail Interface to Technical Support (EMITS). This facility allows you to track a technical support problem or add information to a previously reported problem via email. To obtain more information on EMITS, send electronic mail to [support@sas.com](mailto:support@sas.com) with the body of the message containing the command:

`help`