



National Interagency Resource Ordering and Status System

October 23, 2003

Subject: ROSS Application Release - Version 1.2.6.0

Version 1.2.6 of the ROSS Application will be available beginning October 23, 2003.

Attached to this document are the ROSS Installation Instructions and User Notes. For further assistance with the installation, call the ROSS Helpdesk at: (866) 224-7677.

Specific agency release notices will be posted on the ROSS Web Site as they are made available.

/s/ Jon C. Skeels

JON C. SKEELS
ROSS Project Team Leader

Attachments

Attachment #1 – Application Release Form

Application Name	National Interagency Resource Ordering and Status System (ROSS)
Version	Version 1.2.6.0
Date	October 22, 2003
Platform(s)	<p>Server: All system software / databases are hosted on servers located at the National Information Technology Center (NITC). There is no impact to servers that support user locations.</p> <p>Client: Client software is downloaded from the hosts servers (see above). Once downloaded, application software is updated automatically as releases are available. Certain components (Report Writer and GIS Maps) require that a web browser be available.</p>
Mandatory or Optional? Required Date if applicable	Optional
Mailing Lists	<input checked="" type="checkbox"/> Regions/WO Staffs only <input type="checkbox"/> Regions and Stations <input type="checkbox"/> WO Detached Units
File Designation	5100/6600
Size of Distribution File	17,701 kb
Installed Size	38,306 kb
Checksum of Distribution File	N/A
Location of Application Homepage (URL)	http://ross.nwcg.gov
Location of Release Notice (URL)	http://ross.nwcg.gov
Tested by (unit):	<p><u>Unit, Integration, and Quality Assurance Level</u> – Conducted as a component of development by developer Lockheed Martin Information Technology</p> <p><u>ALPHA Testing:</u> Conducted by government subject matter experts using pre-established business requirements, and scenarios.</p> <p><u>BETA Testing:</u> Conducted by Dispatch Offices on a nationwide basis using the ROSS Practice Server.</p>

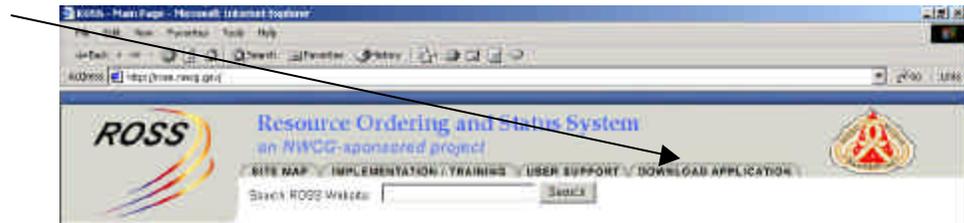
Attachment #2 – Download and Installation Instructions

NOTICE: Un-install any previous version of ROSS Production prior to performing this installation.

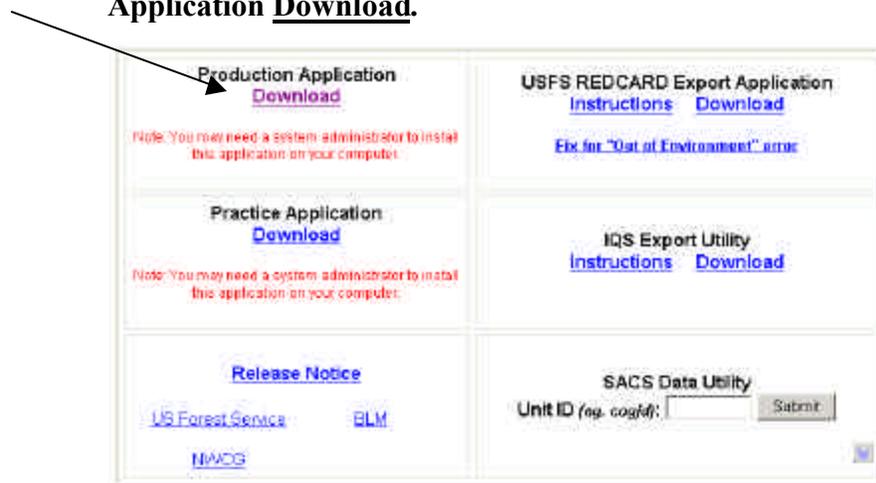
This document explains how to download, install, and log on to the ROSS production application. The entire process will take approximately 5 – 7 minutes. Be sure to close all other applications before proceeding with this process.

To download the ROSS production application

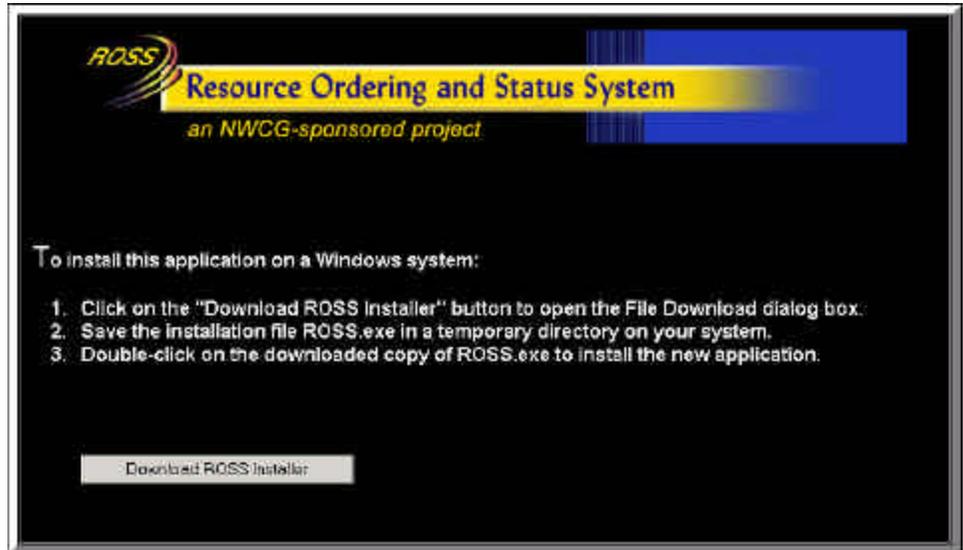
1. Log on to your Internet Service Provider.
2. In the **Address** bar, type ross.nwcg.gov, and then press ENTER.
3. Click the **DOWNLOAD APPLICATION** tab.



4. On the **Download ROSS Applications** screen, click **Production Application Download**.



5. Click the **Download ROSS Installer** button, and then click **OK** on the warning dialog box.

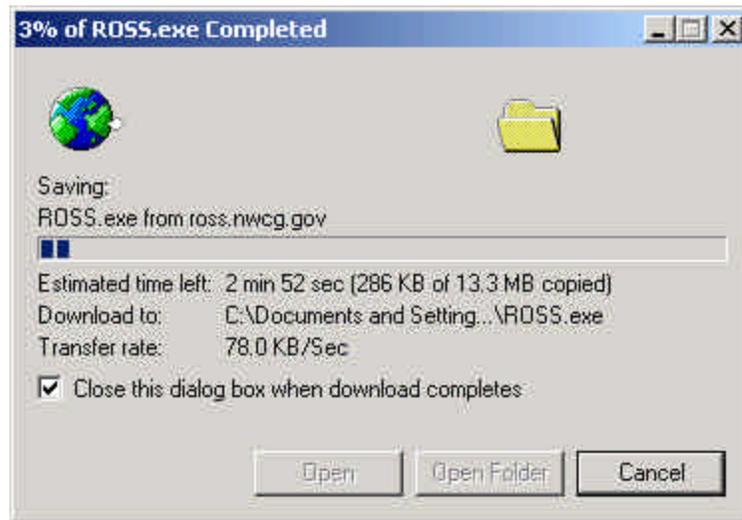


6. On the **File Download** dialog box, click **OK**.



*Note: This will place the 15.8 MB **ROSS.exe** file into the folder **C:\tmp** on your personal computer. Once you complete the installation process, you can delete the **ROSSPROD.exe** file or save it onto a compact disc for future ROSS installations.*

The following diagram shows the ROSS.exe file being downloaded to your personal computer.

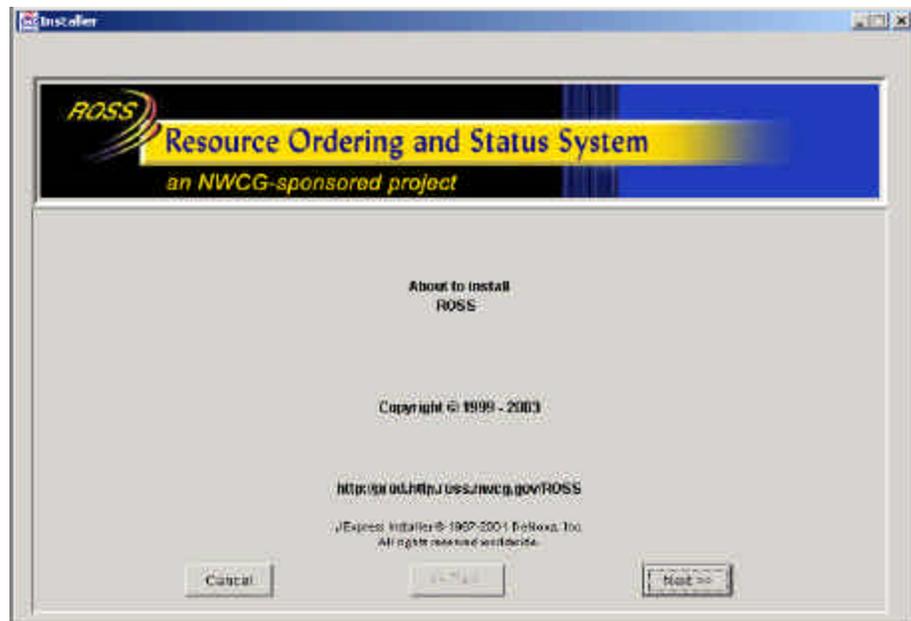


7. When finished, the **ROSS.exe** file is saved to your **C:\tmp** folder on your personal computer.



To install the ROSS production application

1. From your **C:\tmp** folder on your personal computer, locate and then double-click **ROSS.exe**.
2. On the **Installer** dialog box, click **Next**.



3. Verify the installation directory and then click **Install**.

The following diagram shows the default installation directory for ROSS. Click **Browse** to select the directory of your choice.



For USFS Installations Only

If you are installing ROSS on a U.S. Forest Service personal computer or laptop, you *must* install ROSS in a specific folder.

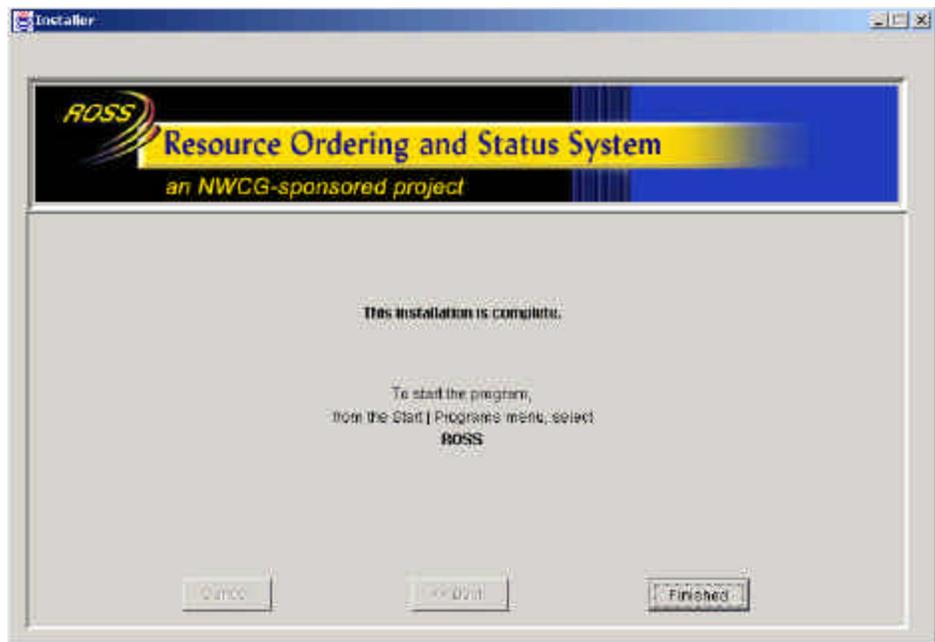
- For Windows 95, install ROSS in **C:\fsapps\FAM\ROSS**, as shown in the following diagram.



- For Windows 2000, install ROSS in **C:\fsapps\fsprod\FAM\ROSS**, as shown in the following diagram.



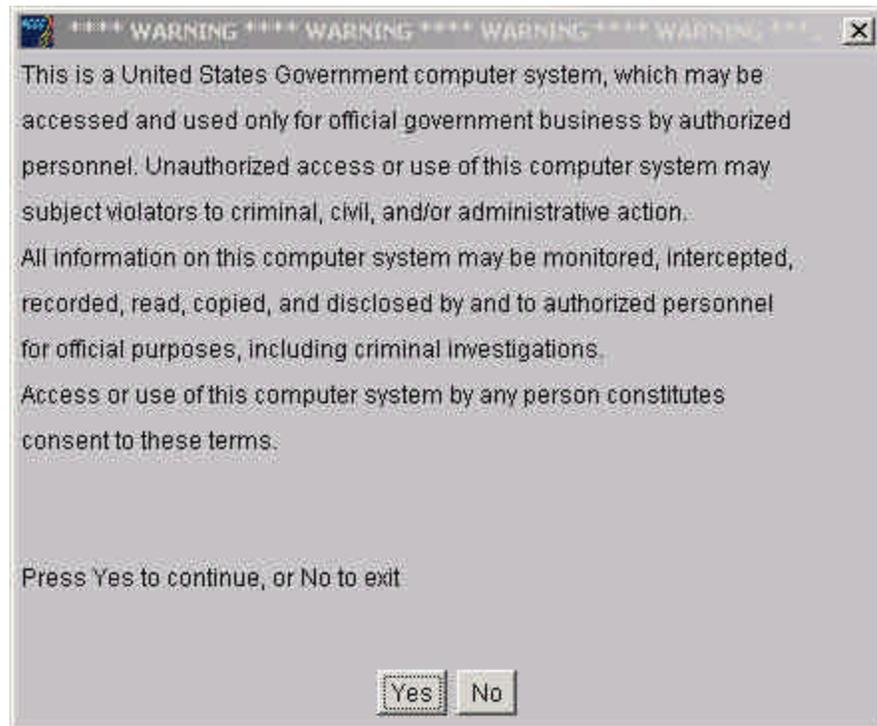
4. When the installation process completes, click **Finished** on the **Installer** dialog box.



To log on to the ROSS production application

1. On the **Start** menu, point to **Programs**, point to **ROSS**, and then click **ROSS**.

2. On the **ROSS WARNING** screen, click **Yes**.



3. On the **ROSS WARNING** screen, click **Yes**.
4. On the **Log On** dialog box, type your **Username** and **Password**, and then click **OK**.



To create a shortcut of the ROSS production application on your desktop

- On the **Start** menu, point to **Programs**, point to **ROSS**, right-click **ROSS**, and then point to **Send To** and click **Desktop (create shortcut)**.

Attachment #3 – Description of the ROSS Software Installer and Updater

ROSS is installed and updated using Jexpress Cross Platform Installer from DeNova Inc. (<http://www.denova.com>). JExpress uses a native Windows installer and contains only the files used by the ROSS application. It is a compact system that doesn't waste disk space during installation with compressed and decompressed formats on the disk drive. The installer itself is made up of one windows executable file. (ex..ROSSPROD.EXE)

1. The executable installer may be downloaded, copied via FTP, a network, a CD or any other viable source. The user is responsible for choosing the destination directory on the local machine.
2. If downloading via browser, the 'Save' location will be determined by the browser settings, normally defaulting to the directory of the last downloaded file. The user may change this to any locally accessible directory.
3. If using Internet Explorer, there is also an option to 'Run the program from it's current location', in which case the installer will be automatically downloaded to the Temporary Internet Files folder as defined in the browser settings and automatically executed from there. When the browser is closed the installer will be removed from the Temporary Internet Files folder.
4. When the installer is executed, the first thing it does is extract the installation files into the default temporary directory 'C:\TEMP\tmpjex01'. If for some reason the directory already exists the folder name becomes 'tmpjex02' and so on.
5. Next, the Java Runtime Environment used to execute the ROSS application is copied into the directory 'C:\Program Files\ROSS\jre'. This jre is NOT installed in the registry. This insures that no applications except for ROSS will use this jre unless explicitly configured to do so by a user. Also, only ROSS and the JExpress Updater will use this jre, and future installations of different jre or jdk versions will not affect it. (This ROSS jre installation directory MUST NOT be changed).
6. The windows installer will then launch a JExpress Installation GUI, which is a java program. This will use the same jre that has just been installed to execute the install.jar file in the 'C:\TEMP\tmpjex01' directory.
7. The installer will display the default installation directory for the ROSS application. (ex..'C:\Program Files\ROSS\ROSSPROD'). This directory may be changed to any desired locally accessible directory.
8. When the user presses the install button the ROSS application and JExpress Updater files will be extracted and copied to the selected installation directory. A native windows executable will be used to start the ROSS application. It will launch a command executing the ROSS java application using the jre. Unlike most standard application installations, sensitive registry locations are NOT effected by the ROSS installation. However, there are minimal "reference" entries in the registry to allow Windows to uninstall ROSS, and for Windows 2000 to record and order the Windows Start Menu shortcuts created for the ROSS application files. The following Windows environments have been approved for ROSS and may have the following key entries in the registry:

Windows 95 / 98 / NT / 2000:

HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Uninstall\ROSSPROD

Windows 2000:

HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Uninstall\ROSSPROD

HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Explorer\MenuOrder\Start
Menu\Programs\ROSS PROD

HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\App
Management\ARPCache\ROSS PROD

HKEY_USERS\S-1-5-21-220523388-152049171-854245398-

1001\Software\Microsoft\Windows\CurrentVersion\Explorer\MenuOrder\Start
Menu\Programs\ROSS PROD

A shortcut to this executable will be created on the desktop as well as in the Windows Start/Programs menu.

9. The installer will also list the ROSS application among the software that can automatically be removed by Windows. It will also create a shortcut to uninstall ROSS in the Windows Start/Programs menu
10. A shortcut to launch the JExpress Updater (in the ROSS installation directory) to check for a new version will also be added to the Windows Start/Programs menu.
11. The installation files stored in the temporary directory 'C:\TEMP\tmpjex01' will be deleted.
12. If the original installer executable was not run from its location on the internet through IE, then it will remain in the location to which it was copied until removed by a user.

The Updater:

The JExpress Updater is a java application executed either by the user or the ROSS application. It is located in the ROSS installation directory in the folder 'JExpress'. The file name is JExpressUpdater.jar and used the same jre installed for ROSS.

1. When the ROSS application itself is executed, upon user login it will check the database for a new version. If one is detected it will launch the JExpress Updater using a java command, and shut itself down.
2. In addition, if the user wishes to manually check for a new version of the ROSS application, this may be done by selecting the 'Update ROSS' option from the windows start menu under Start/Programs/ROSS. This will launch the windows executable UpdateROSS.exe found in the ROSS installation directory. This, in turn, will launch a java command to start the Updater.
3. When the updater starts, a JExpress Updater GUI will be appear displaying the status of the update.
4. The JExpress Updater reconnects to your application host website and verifies that all the users files are up to date by comparing cryptographically strong digests of all the application files.
5. If JExpress discovers any new or modified files, it downloads and installs only those files without user intervention. JExpress does not update the local files until it has

successfully downloaded all the new or modified files. Again, nothing is entered in the windows registry and only the files in the ROSS installation directory are affected.

6. If your web server is unavailable when the JExpress Updater attempts connection, then it informs the user that it was unable to connect. If a user only has a dial-up connection to the Internet, and has their system configured to automatically connect whenever an online resource is needed, then the auto update works as expected.
7. After the update has finished the GUI will inform the user, and the user must click the finished button.