

RASCAL 4.3 Frequently Asked Questions (FAQs)

1. Where can I go to get more information about RASCAL 4.3?

For the latest information about the RASCAL computer code including how to obtain the code, documentation on the code and how to report an error (code bug), go to the NRC RASCAL public web site. (<http://www.nrc.gov/about-nrc/regulatory/research/safetycodes/rascal.html>).



2. Where do I obtain a copy of the RASCAL 4.3 computer code?

Requesters of the RASCAL code must request the RASCAL 4.3 code from the Radiation Safety Information Computational Center (RSICC) at the following web site <https://rsicc.ornl.gov/Default.aspx>. First time requestors from RSICC must first register with RSICC using the **Customer Service** link provided on the left hand side of the page.

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Since its inception in 1962, RSICC has evolved into one of the world's leading resources for a broad range of the best available nuclear computational tools and services. RSICC software and data collections provide in-depth coverage of radiation transport and safety topics encompassing, but not limited to:

- Physics of the interaction of radiation with matter
- Radiation production and sources
- Criticality safety
- Radiation protection and shielding
- Radiation detectors and measurements
- Shielding materials properties
- Shields and shipping cask design
- Radiation waste management
- Radiological safety and assessment
- Atmospheric dispersion and environmental dose
- Radiation dose in medical applications
- Space shielding applications

After 5pm (Eastern U.S. Time) on August 9, 2013, the distribution of MCNP6 will no longer be complimentary to all of our customers since the limit on the number of subsidized requests has been surpassed. Customers can still request the code from RSICC, but some individuals may be required to pay the cost recovery fee to cover the costs associated with processing, packaging and delivery of the code.

Due to the increased demand in requests for MCNP, processing of requests and subsequent reviews by our regulators may take longer than normal. Requests will be processed by RSICC and submitted for review in the order in which they were received. RSICC has no control over the time involved in the reviews conducted by our regulators.

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The Radiation Safety Information Computational Center (RSICC) is a Department of Energy Specialized Information Analysis Center (SIAC) authorized to collect, analyze, maintain, and distribute computer software and data sets in the areas of radiation transport and safety. RSICC resides in the Reactor and Nuclear Systems Division (RNSD) at Oak Ridge National Laboratory.

3. How do I register with RSICC?

Open the **Customer Service** window and select the **Register** option on the left hand side of the screen to open the RSICC registration form.

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Prior to submitting a request for software from RSICC, you are required to register with RSICC, which includes providing your contact and additional information.

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Contact Us
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 RSICC Office Hours
 7:00AM - 5:00PM EST

Software Library
 A-Z Alphabetical Listing
 001-999 - Numerical Listing
 BCC - Beta Code Collection
 CCC - Computer Code Collection (Radiation Transport Programs)
 DLC - Data Library Collection (Nuclear Data Libraries, etc.)
 MIS - Miscellaneous Code Collection (No Fee)
 PSR - Peripheral Shielding Routines (Shielding Research Tools)
 Abstract Search
 Keyword Search
 Newsletter Search
 Subject Search
 RSICC Site Search

New Releases
 RASCAL 4.3
 BEST-5
 BEGG-4T
 EXCURS-3-RR
 THACT-RR
 AIREKMOD-RR
 SQUIRT VER3

Announcements (3)
 E-Notebooks
 Nuclear Engineering Science Laboratory Synthesis (NESLS)
 RSICC Updates - Latest News

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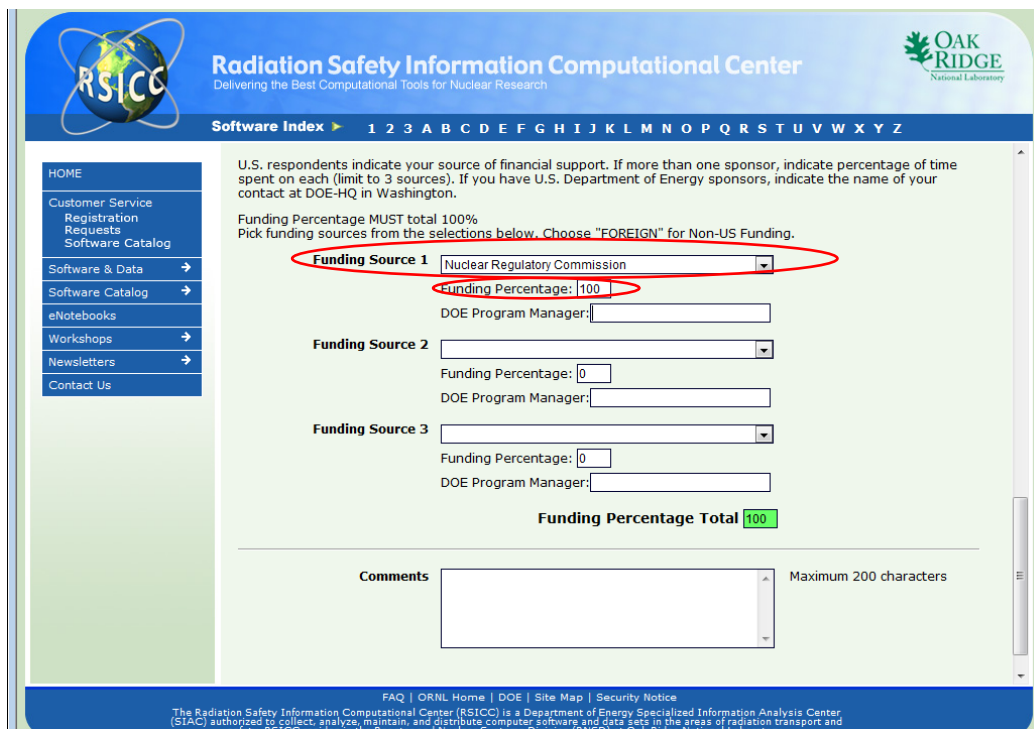
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Requestors must complete the registration form. Be sure that all the required fields (*) are filled out and notice that required fields are in **Blue** when not completed. On the bottom of the registration form under the field for "Funding Source" you must select "Nuclear"

Regulatory Commission” from the drop down menu and put 100 percent in the funding source. This is because RASCAL 4.3 is provided at no cost.



The screenshot shows the 'RSICC Registration Form' with a sidebar on the left containing links: HOME, Customer Service, Registration, Requests, Software Catalog, Software & Data, Software Catalog, eNotebooks, Workshops, Newsletters, and Contact Us. The main content area is titled 'RSICC Registration Form' and includes a warning: 'Request Forms Can Only Be Submitted by the Intended Customer. Software Cannot be Ordered on Behalf of Another Customer.' Below this is a link: 'If you have previously received codes from RSICC and can't remember your Pass Number/Password click here'. A red circle highlights the text '* Required Fields Blue when not completed'. The form contains several input fields: First Name, Middle Name, Last Name, Password, Confirm Password, PIN, Confirm PIN, and Email Address. Each field has a label and a description of the required format (e.g., 'No Initials', 'Full Name, Initial, or N/A', 'Family Name', '10 characters max', '4 digit number used for verification during the ordering process. Please do not share your PIN with anyone. If you lose your PIN please call 865-574-6176 to reset it.', 'Only one email address'). At the bottom, there is a footer with links: FAQ | ORNL Home | DOE | Site Map | Security Notice, and a paragraph of text about the Radiation Safety Information Computational Center (RSICC) and its role in the Department of Energy.



The screenshot shows the 'RSICC Funding Source Form' with a sidebar on the left containing links: HOME, Customer Service, Registration, Requests, Software Catalog, Software & Data, Software Catalog, eNotebooks, Workshops, Newsletters, and Contact Us. The main content area is titled 'RSICC Funding Source Form' and includes a warning: 'U.S. respondents indicate your source of financial support. If more than one sponsor, indicate percentage of time spent on each (limit to 3 sources). If you have U.S. Department of Energy sponsors, indicate the name of your contact at DOE-HQ in Washington.' Below this is a link: 'Funding Percentage MUST total 100%. Pick funding sources from the selections below. Choose "FOREIGN" for Non-US Funding.' A red circle highlights the text 'Funding Source 1' and the dropdown menu. The dropdown menu is set to 'Nuclear Regulatory Commission'. Below this is a red circle around the 'Funding Percentage: 100' field. The form contains several input fields: Funding Source 1, Funding Source 2, Funding Source 3, Funding Percentage, and DOE Program Manager. At the bottom, there is a 'Funding Percentage Total' field set to '100' and a 'Comments' field with a maximum of 200 characters. At the bottom, there is a footer with links: FAQ | ORNL Home | DOE | Site Map | Security Notice, and a paragraph of text about the Radiation Safety Information Computational Center (RSICC) and its role in the Department of Energy.

4. How long will it take RSICC to process my request for RASCAL 4.3?

The entire RSICC request process is electronic; therefore, requests for the RASCAL 4.3 software are filled by RSICC relatively quickly. After you review the Sole Agreement license, provide your name, PIN number, and submit your request electronically, you will receive a copy of the electronically signed Sole Agreement Licensee and Import/Export Control license for your records.

5. How will I obtain my copy of the RASCAL 4.3 code after I submit my electronic request to RSICC?

Once RSICC has received your electronically signed Sole Agreement Licensee and Import/Export Control license, they will review it and provide you with a download site for your exclusive use. This exclusive download site will automatically become deactivated after the first download from the site. This is an exclusive access uniquely made for you so you may not give it out to anyone else. The site becomes inactive after the initial download.

6. After I receive a copy of RASCAL 4.3 can I share it with other people?

NO

In accordance with the Sole Agreement licensee:

- The Software will be used only by the Licensee (this is the requestor).
- The Software will not be duplicated (except as necessary for backup or archival purposes).
- Licensee is encouraged to submit non-proprietary changes and modifications of the Software to UT-Battelle, through the Radiation Safety Information Computational Center website at <http://rsicc.ornl.gov/SoftwareSubmittal.aspx>. Changes or modifications to the Software must be noted with comments along with the Licensee's and organization's name.
- Subject to the limited exclusion in paragraph 3 of the Sole Agreement Licensee, redistribution of the Software or changes or modifications thereof is prohibited.

7. If you have previously registered with RSICC and you are being prompted to create a PIN number, what is this?

Starting in 2013, RSICC is using electronic forms and ID verification by PIN for requests. You are now required to have a four digit PIN number to verify your identity when submitting requests.

8. What do I do if the computer I have downloaded RASCAL 4.3 crashes and I cannot recover the program or files from that computer and I do not have a backup copy of RASCAL 4.3?

Since the download site you were initially given deactivates after the first download, you need to contact RSICC using the **Contact Us** link on the left hand side of the RSICC site.


ContactUs.aspx - Microsoft Internet Explorer provided by USNRC


/rsicc.ornl.gov/ContactUs.aspx

orites Tools Help

RES - Office of Nuclear Re...

/ContactUs.aspx

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Contact Us

Radiation Safety Information Computational Center
Post Office Box 2008
1 Bethel Valley Road
Oak Ridge, Tennessee 37831-6003
Phone: 865-574-6176 Fax: 865-241-4046
Email: pdc@ornl.gov

RSICC welcomes comments. Please give us your FEEDBACK.

Enter your comment and your email below. When done click the 'Submit Feedback' button

Comments:

First Name:

Last Name:

Organization:

Organization Address:

Email:

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Complete the form and explain that your copy of RASCAL 4.3 has become inoperable (e.g. inoperable due to corrupted files or a hard drive crash with unrecoverable files) and request a replacement copy of the inoperable software. Requestors should be aware that the **terms and conditions** of the Single-Use Software License and Software Export Control Agreement previously agreed to and electronically signed by the requestor are still applicable to the replacement copy of the software. Additionally, requestors maybe asked to complete the Single-Use Software License and Software Export Control Agreement for the replacement copy of the software.