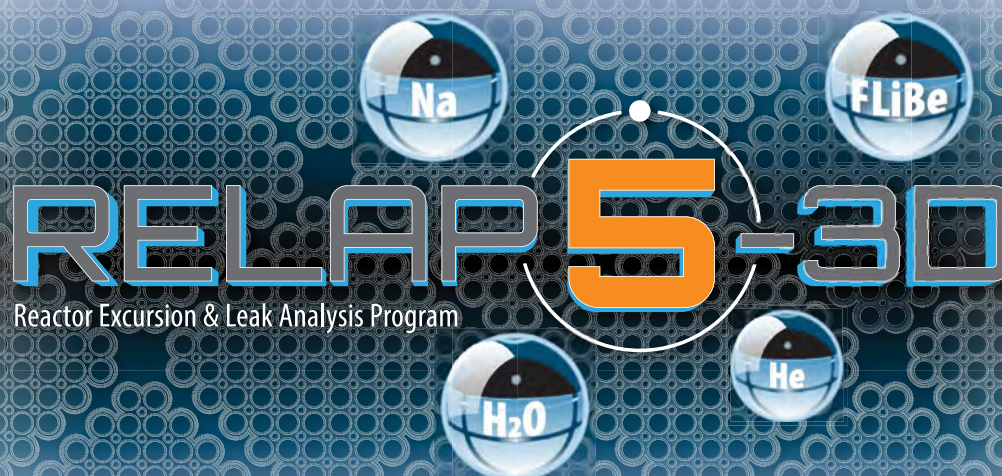




LICENSING REQUESTS

1

Submit a request through the Nuclear Computational Resource Center: Licensing agreement discussions with the INL Technology Deployment office are facilitated by the Agreements Administrator. Requests are made through the INL Nuclear Computational Resource Center (NCRC) website. Organizations requesting a license will identify a license point of contact (LPOC) for their license who will register on NCRC for a High-Performance Computing (HPC) account, with the RELAP5-3D Program Manager as their HPC account sponsor.

2

INL Technology Deployment Office creates standard license agreement: After logging in, the LPOC requests the RELAP5-3D software, which initiates contact with the Agreements Administrator. A RELAP5-3D license is based on a standard license agreement, but the requesting organization can opt for a customized one, which involves additional discussions with the INL Technology Deployment office.

3

Pay license fee: Once payment is processed, the organization receives their RELAP5-3D license. Adding users to the license is flexible and can be done at any time using the NCRC. Each user applies for an HPC account and with provided credentials, requests RELAP5-3D access based on the organization's license. Since the U.S. Department of Energy (DOE) has designated RELAP5-3D as a 10 CFR 810 code, an export control review is conducted based on Personally Identifiable Information. The INL Code Oversight Group ensures compliance with DOE requirements. Both reviews are independent, but the export control review takes precedence. Incomplete or vague information provided by the requesting organization will delay this process.



Scan to submit
a request

<https://inl.gov/ncrc/>

RELAP5-3D MEMBERSHIP

RELAP5-3D is solely distributed through the INL Technology Deployment Office, which requires a license agreement, export control review, and approved use by the INL Code Oversight Group.

LICENSING FEE

RELAP5-3D is a commercial code with licensing fees. The license fees are based upon the six RELAP5-3D membership levels. The membership level with the most features is Platinum while Academic is the entry level membership. The membership level defines the benefits provided to the license holder. Tables 1 and 2 outline the RELAP5-3D membership levels and their associated benefits.

IRUG MEMBERSHIP FEES (USD) 2026¹

ACCESS LEVEL	MEMBERSHIP TYPE	DOMESTIC FEE (ANNUAL)	INTERNATIONAL FEE (ANNUAL)
Level 4 Source Code License	Platinum	\$80,000	\$100,000
Level 4 Source Code License	Gold	\$48,000	\$75,000
Level 3 HPC Licence	Silver	Contact INL ²	Contact INL ²
Level 2 Executable License	Commercial	\$26,000 (multi user) \$18,000 (single user)	\$50,000 (multi user) \$34,000 (single user)
Level 1 HPC License	Commercial	\$24,000 (multi user) \$16,000 (single user)	\$46,000 (multi user) \$30,000 (single user)
Academic ³	—	\$1,500	\$1,500

ACCESS LEVEL DESCRIPTIONS

Level 1 HPC: Organizations approved for Level 1 may only access RELAP5-3D via the INL HPC. Installation on a local computer network is not permitted.

Level 2 Executable Code: Approved organizations receive a RELAP5-3D executable and associated license file to install on a local computer network. Individual users must also be approved before access is granted.

Level 3 HPC Access: Level 3 provides to researchers only access to a restricted set of RELAP5-3D subroutines to incorporate user-developed modifications and generate a corresponding executable. Level 3 access must be negotiated with INL and is limited to the INL HPC.

Level 4 Source Access: Approved organizations receive the RELAP5-3D source code and associated manuals, enabling the organization to generate their own executable and modify the code as needed to meet internal requirements.

¹ IRUG Fees cover IRUG membership benefits, IRUG meeting preparation and operation, and code maintenance and administrative costs.

² Cost dependent upon amount of code and assistance needed.

³ Colleges and university fees rise in 2026 to \$1,500. In future years, colleges and universities receive a \$500 credit for each peer-reviewed conference article using RELAP5-3D published, up to 3, between the date of paying their fee and the date of their next fee payment. Similarly, each peer reviewed journal article reduces the next fee payment by \$1,000 up to 2. The total reduction cannot exceed \$1,500. Only 1 university or college may claim credit for a single article, regardless of the number of co-authors. INL will be the final arbiter of sufficient difference between articles of overlapping content.

MEMBERSHIP LEVEL AND BENEFITS

MEMBERSHIP TYPE	INSTALLATION SUPPORT (HRS)	DEVELOPER SUPPORT (HRS)	PRIORITIZED USER ERROR TICKETS ^a	USER MANUALS	SOURCE CODE ACCESS ^b	IRUG MEMBERSHIP ^c	IRUG BUSINESS MEETING VOTE	IRUG TECHNICAL SEMINAR REGISTRATION	IRUG TRAINING WORKSHOP REGISTRATION	SUBCONTRACTOR EXECUTABLE SHARED ^d	LOCAL LICENSE ^e
Platinum (Level 4)	10	40	6	I, II, II-A, III IV, V	Full	✓	1	Buy 2 Get 2 or Buy 1 Get 1	Buy 1 Get 1	✓	✓
Gold (Level 4)	5	20	2	I, II, II-A, IV, V	Full	✓	1	Buy 1 Get 1	—	✓	✓
Silver (Level 3)	5	15	2	I, II, II-A, IV	Partial	✓	—	—	—	—	—
Commercial - Multi-User (Level 2)	3	5	1	II, II-A	—	✓	—	—	—	—	✓
Commercial - Single-User (Level 2)	3	3	1	II, II-A	—	✓	—	—	—	—	✓
Commercial Multi-User (Level 1)	3	5	—	II, II-A	—	✓	—	—	—	—	—
Commercial Single-User (Level 1)	3	3	—	II, II-A	—	✓	—	—	—	—	—
Academic	3	3	—	II, II-A	—	✓	—	—	—	—	—

^a Number of prioritized user error tickets per license agreement period. Prioritized user error tickets receive a proposed solution within five business days. Prioritized Tickets use Developer Support hours to study the User Error Ticket.

^b Requests for source must be approved by the INL's Code Oversight Group and export control department.

^c IRUG membership is required to attend the IRUG seminar and training.

^d Platinum and Gold members are allowed to share executables of their source with one subcontractor, subject to an approved license agreement and NCRC approval of each user and the subcontractor organization.

^e Local license means the organization receives a copy of RELAP5-3D executable and a license file that activates the code for the contract term.

For additional information contact: Connie Stevens, Connie.Stevens@inl.gov, 208-526-1325 | George Mesina, George.Mesina@inl.gov, 208-526-8612

RELAP5-3D Website link: <https://inl.gov/relap53d/>