

Reliability Analysis Center



RAC

Total Solutions

RAC is ready to provide total, turn-key solutions including training, data, consulting services, information and support for both government and commercial businesses.

training

implementation

reliability

data collection

consultation

software

publications



experience

consultation and
implementation

reliability data
publications
and software

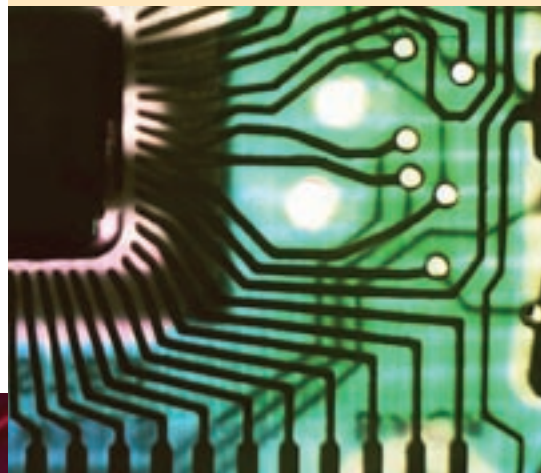
The Reliability Analysis Center (RAC) is a Department of Defense (DoD) Information Analysis Center operated by IITRI for **more than 33 years**. The DoD has chartered RAC as a Center of Excellence and a scientific and technical resource for information, data, analysis, analytical tools, training and technical assistance in the broadly defined fields of Reliability, Maintainability, Supportability and Quality. Although chartered by the DoD, RAC undertakes a variety of other government organization and industrial support projects each year. Our **60+ local engineers** are backed by IITRI resources at 15 IITRI locations with over 1300 employees of various technical backgrounds and expertise.

RAC's technical staff is ready to provide support at all levels and in all areas of reliability. Organizations which already have relatively mature reliability programs have RAC work on very specific problems or issues. Others have no formal reliability program and RAC provides a wider range of support beginning with an assessment of the organization's reliability needs. Depending on a customer's needs, RAC will provide short-term, quick responses to immediate needs, or long-term studies and independent analysis. **Our philosophy is to bring the customer's level of knowledge and experience to a point where the customer can independently and successfully implement the reliability program for the long term.** After that point, RAC can provide assistance to solve specific problems or deal with unique issues not envisioned in the initial reliability program plan.

As the central resource for DoD and industry reliability data, RAC offers the data that's important to your business, and we integrate this information into our products, including our publications and software. Our extensive line of reliability publications offers something for everyone: managers achieve a high-level understanding of the relationship between reliability and the bottom line, design engineers receive support for design trade-off analyses and decisions, and reliability practitioners will find practical application and how-to guides. RAC's software provides reliability professionals with the tools needed to make accurate, informed decisions and perform required program activities with efficiency. **RAC's PRISM® software** sets a new standard in reliability prediction as a comprehensive resource that includes next generation component failure rate models, searchable failure rate databases, software reliability predictions and operating and non-operating failure rates.

training

Learn from the experts with RAC's world-renowned professional reliability training program. Courses are taught by practicing professionals using relevant experience and real-world examples. To learn at your own pace, **RAC's distance learning** is structured for all individuals working in the reliability engineering realm, including systems and circuit design engineers, program managers, quality engineers and members of related disciplines.



PRISM®

free services

We offer a number of free services through our website, including technical information, a searchable bibliographic database, directories of software tools and related industry websites, an open industry forum, a calendar of events, how-to documents and more. Our Technical Inquiry Line provides customers up to eight hours of free phone specialized support. And our free quarterly technical journal, *The RAC Journal*, contains articles, editorials, industry announcements, and product and service information of significance to the reliability community.



Visit RAC online today at
<http://rac.iitri.org/CONTACT/adresponse.html>
for a free subscription to the RAC Journal.



RAC

Reliability Analysis Center

201 Mill Street, Rome, NY 13440-6916
Phone: 315.337.0900 or 1.888.RAC.USER
Fax: 315.337.9932
Email: rac@iitri.org