



Cyber Security & Information Systems
Information Analysis Center

“Improving Your Software Reliability and Security”

August 22, 2013

<http://www.regonline.com/SoftwareAssuranceCopy>

A one-day workshop to jump-start you product- and process-improvement efforts

Presented by the Cyber Security and Information Systems Information Analysis Center (CSIAC)

and sponsored by George Mason University’s Office of Continuing Professional Education



Do you need to reduce the frequency and severity of failures due to software defects?

Do you need to assure adequate confidence in your systems?

This workshop can help equip you with techniques and tools to meet those goals...

...and do so in a cost-effective way.



Topics:

Goal Setting ... *How Good Do You Need To Be?*

Building-In Reliability ... *What Makes It Work (Well Enough)*

Watching As You Go ... *Assessment and Mid-Course Corrections*

Release Decision ... *When to Let Go*

Consolidation and Commitment ... *Where to Go From Here*



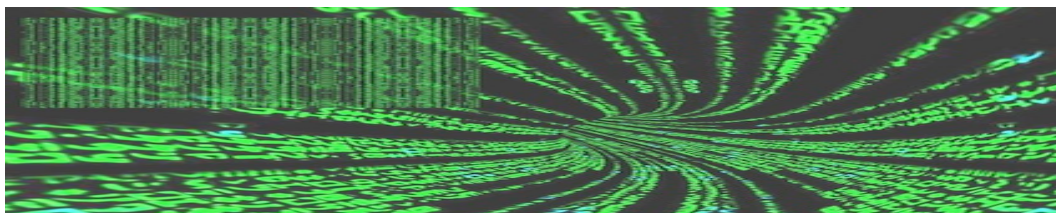
Audience: Representatives of software development, quality engineering, or project management organizations within agencies or companies that develop and acquire software-based systems with stringent dependability requirements.



Approach: Participants will come to this session having identified specific problems or opportunities, preferably obtaining management sponsorship for an improvement project.

In-class presentations will offer the latest experience-proven approaches, while individualized exercises will allow participants to work on practical applications for their own organizational settings and needs. A primary reference will be the recently released *Handbook for Software Reliability and Security Testing*, provided in hardcopy for use in the session.

At the conclusion of the in-class activities participants will return to their work locations with targeted action plans. Course materials will be supplemented on a periodic basis, and the presenter will be available for consultation.



Included in the workshop fee, you will receive the following:

- A hardcopy of the *Handbook of Software Reliability and Security Testing* (sold separately for \$75)
- A CD of the *Handbook* contents, supplemented with numerous relevant technical publications.
- A comprehensive workbook of presentation graphics and notes including exercises
- Worksheets and references to use on-the-job
- Post-workshop support and technical inquiry service
- Subscription to the *Journal of Cyber Security & Information Systems*
- Advance notice of new resources, such as new State-of-the-Art Reports including *Software Security Assurance*
- Participation in the CSIAC Community of Practice.



Your presenter: *Taz Daughtrey* is Senior Scientist at Quanterion Solutions and has been a member of the Computer Science faculty at James Madison University since 2001. Taz is a Fellow of the American Society for Quality, the Founding Editor of the peer-reviewed journal SOFTWARE QUALITY PROFESSIONAL, and is a Director of the American Software Testing Qualifications Board. Taz's previous twenty years in industry included responsibilities as Quality Manager and Chief Security Officer, as well as a number of roles in software development, training, and quality improvement in commercial and naval nuclear manufacturing and engineering.

Upon receipt of your registration, you will be sent questionnaires to profile your organization's current practices and short- and long-term improvement needs. Your responses will guide customization of the session, allowing an efficient, targeted experience.

<http://www.regonline.com/Register/Checkin.aspx?EventID=1232639>