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CISQ NEWSLETTER

July 2016



2016 Mid-Year Report

Automated Enhancement Points Now OMG® Standard



The **Automated Enhancement Points** specification is now an official supported standard of the OMG® following the June Technical Meeting. Automated Enhancement Points addresses the problem that Function Point measures, automated or manual, do not provide adequate measures for assessing the productivity of maintenance and enhancement work.

AEP was written to supplement the **Automated Function Points** standard published in 2013 by accounting for modifications or enhancements made to non-functional code which, for reference, represents half of all source code in a modern application. With these standards, the IT community has effective automated measures for software sizing. I would like to extend many thanks and congratulations to the CISQ team for their efforts.

Work is also underway on a measurement specification for **Technical Debt** based on aggregating **Quality Characteristic Measures** and estimating their effort to repair. CISQ will submit the Technical Debt specification to the OMG in September. Once Technical Debt is finalized, CISQ will start work on a measure for **Quality-Adjusted Productivity** that combines Automated Enhancement Points and Technical Debt into a measure that corrects a release's productivity figure for the future effort required to fix defects injected during the current release.

Please make plans to join us for CISQ outreach events. Registration is open for our **Cyber Resilience Summit** in October. I hope to see you there!

Dr. Bill Curtis
Executive Director
CISQ

REGISTRATION IS OPEN!

Cyber Resilience Summit October 20, Army Navy Country Club, Arlington, VA

<http://it-cisq.org/cyber-resilience-summit-2016>

CISQ returns to Washington, D.C. to brief Federal IT on code quality standards.

REGISTER NOW to join 150 of your peers for this educational event.

“**Titans of Cyber**” from the U.S. Federal Government will share critical insights from the front lines of the cyber risk management battle. In honor of October being **National Cybersecurity Awareness Month**, learn how to defend your systems from exploitable cybersecurity weaknesses with Robert Martin (MITRE) and Tom Brennan (OWASP). Discuss the **\$3.1 Billion IT Modernization Fund** being established to help Federal agencies upgrade aging IT systems. Hear the success factors needed to sustain next generation IT. We are pleased to announce that Dr. David Bray, FCC CIO, will present a keynote.

The **Cyber Resilience Summit** focuses on standards and best practices for measuring risk and quality in IT-intensive programs from the standpoint of productivity, software assurance, overall quality and system/mission risk. The discussion will expose proven methods and tools of incorporating such standard metrics into the IT software development, sustainment and acquisition processes.



NIST Workshop and MITRE's SSCA Forum is This Week

On July 12 CISQ participated at the NIST Workshop: *Software Measures and Metrics to Reduce Security Vulnerabilities* at the NIST campus in Gaithersburg, MD.

Speakers from NIST, SEI, CISQ, UL, Blackberry, University of Wisconsin-Madison, US Naval Research Laboratory, Vector Software, and others discussed software measurement best practices.

The purpose of the workshop is to gather ideas on how the Federal Government can identify, improve, package, deliver, or boost the use of software measures and metrics to significantly reduce vulnerabilities.

From July 13-15, we'll be at the **Software and Supply Chain Assurance (SSCA) Forum** at MITRE in McLean, VA.

See you there!

Event Calendar

OMG Technical Meeting, September 12-16, 2016 in Chicago, IL. CISQ will speak at the **Cyber Risk Summit** and **IIoT Challenges and Opportunities** special events.

Gartner Sourcing & Strategic Vendor Relationships Summit, September 21-23, 2016 in Grapevine, TX. CISQ is a partner sponsor. Save \$325 with the code GARTCISQ!

New York Metro Joint Cyber Security Conference (NYMJCS), October 5, 2016 in New York, NY. CISQ is presenting, "Measuring the Cybersecurity of Software."

Pacific Northwest Software Quality Conference (PNSQC), October 17-19, 2016 in Portland, OR. CISQ is a partner sponsor.

View [CISQ's Event Calendar](#)

If you're attending these events, **[send us a note](#)**.

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About CISQ

The Consortium for IT Software Quality (CISQ) is an IT industry leadership group comprised of IT executives from the Global 2000, system integrators, outsourced service providers, and software technology vendors committed to introduce a computable metrics standard for measuring software quality and size. CISQ is a neutral, open forum in which customers and suppliers of IT application software can develop an industry-wide agenda of actions for improving IT application quality and reduce cost and risk.

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