

CISQ

Consortium for IT Software Quality

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CISQ NEWSLETTER

November 2018



Become a Signatory!

Introducing the Trustworthy Systems Manifesto

CISQ has launched a ***Trustworthy Systems Manifesto*** outlining 5 principles for secure and trustworthy software. The objective? Software-intensive systems are one of the largest sources of risk to enterprises and their customers. IT-related incidents at Knight Capital, SWIFT, Target, and United Airlines, for example, far exceeded \$100 million in damages. This Manifesto was written in the era of 9-digit glitches to help management enact policies that strengthen software development and mitigate the risk exposure of these systems.



Trustworthy Systems Manifesto

5 principles to govern system development and deployment:

1. Engineering discipline in product and process
2. Quality assurance to risk tolerance thresholds
3. Traceable properties of system components
4. Proactive defense of the system and its data
5. Resilient and safe operations

SIGN IT TODAY!


#TrustworthyManifesto

We hold these truths to be self-evident

Support the cause! Read the Manifesto and add your signature today!

Join the Webinar to Learn More

Title: Trustworthy Systems Manifesto

Date: December 6, 2018, 11:00am - 12:00pm ET ([check time zone](#))

Speaker: Dr. Bill Curtis, Executive Director, CISQ

REGISTER NOW

To the left is Dr. Bill Curtis introducing the Manifesto at the October 16



Cyber Resilience Summit in Arlington, VA, USA. You can [download the presentation \(PDF\)](#) and/or view more photos and presentations [here](#).



New Research

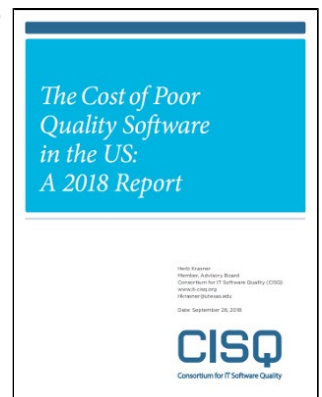
The Cost of Poor Software Quality in the US: A 2018 Report

A new CISQ research report concludes that poor software quality is costing the U.S. upwards of **\$2.84 trillion dollars** this year taking into account losses from software failures, legacy system problems, technical debt, finding and fixing defects, and troubled or cancelled projects.

This report examines how much the world is spending on IT software today and the fundamental issues causing problems. Looking backwards, legacy IT systems are holding us captive, looking forwards, technology innovations are coming faster and faster, and looking at present day, we're facing highly vulnerable and deficient systems-of-systems.

The report was written by Herb Krasner, a member of CISQ's Advisory Board and retired Professor of Software Engineering at the University of Texas at Austin. The report was commissioned by CA.

[REQUEST COPY OF THE REPORT](#)



Register Today

November 16 Seminar: The Future of Software Delivery

CISQ is hosting a complimentary **seminar** on software measurement standards and delivery trends at Tech Mahindra's campus in Electronics City (Bangalore) on Friday, November 16. All are invited and registration is complimentary - please **register in advance** by November 5th!

Topics on the agenda:

- International standards for automating software size and structural quality measures

- Advances in productivity measurement - challenges and solutions
- Case study of measuring an Agile and DevOps transformation
- Progress on applying machine learning to software quality
- Capitalizing on the delivery capability of automation, RPA and AI

Speakers joining from:



NEWS: CISQ to present at NIST Cybersecurity Risk Management Conference on November 8



Marc Jones, CISQ Director of Public Sector Outreach (Vol.), will present "Measuring the Cybersecurity Risk of Software-Intensive Systems" at **NIST's Cybersecurity Risk Management Conference** in Baltimore from Nov 7-9.

This talk will discuss how standards developed by CISQ for measuring software structural quality can be applied as part of the NIST Cybersecurity Framework.

Upcoming Events

Agile + DevOps East, November 4 - 9, Orlando, FL. CISQ saves \$200 off the registration fee with the code **SWCM**.

NIST Cybersecurity Risk Management Conference, November 7 - 9, Baltimore, MD. CISQ presents "Measuring the Cybersecurity Risk of Software-Intensive Systems" on Nov. 8.

CISQ Seminar: Software Measurement Standards and Delivery Trends, November 16, Bangalore, India. Thanks to our host, Tech Mahindra.

Gartner Application Strategies & Solutions Summit, November 27 - 29, Las Vegas, NV. CISQ members save \$325 off the registration fee with the code **GARTOMG**.

Gartner Identity and Access Management Summit, December 3 - 5, Las Vegas, NV. CISQ members save \$325 off the registration fee with the code **GARTOMG**.

[VIEW CISQ'S EVENT CALENDAR](#)

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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. www.it-cisq.org

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