

Symposium Keynote Speaker



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**2017 CIE/USA
AAEOY
(Asian American
Engineer of the Year)
Awardee**

Data Intelligence Enables Intelligent R&D

Tony Chang is Vice President of Huawei US R&D Competence Center and a Corporate R&D Tools Planning & Test Authority, leading the evolution and innovation of the company's overall R&D model, methodology, tools, quality, global lab effectiveness and customer test partnership to improve the efficiency and TTM.

Since joining Huawei in 2008, he has led the R&D teams in building up the company-wide Test Automation, Test Case & Lab Standardization/SDE, Test Data Correlation Methodology, Advanced Product Verification Strategy/Methodology, Advanced Solution Integration Strategy/Methodology, Future R&D Ecosystem Operation Platform and Smart Delivery-JAD.

Prior to Huawei, Tony held various senior roles at Nortel Networks Inc. from 1987 to 2008 including Director of MCI Development & Deployment, Director of Carrier Verification, Sr. Director of Wireless Verification & Tools Developments and Corporate Test Environment Design Authority.

During his twenty years of research on testing and tools at Nortel, Tony has set up the company-wide Test Automation Platform, Global Lab Standardization and industry leading Test Process and Solution Integration Automations which improved the overall R&D efficiency, product quality, customer satisfaction and facilitated Nortel's product competition.

Tony earned Master of Science degree in Computer Science from Pratt Institute, Brooklyn, NY. He also has a Bachelor of Arts degree in Philosophy from Fun Jen Catholic University, Taiwan, R.O.C.

Abstract:

Coming to the new era of the software application, the development cycle is shortened but the quality of the software should not be compromised. Therefore, in the software industry, the R&D model which include the software architecture itself, the software development process, the software development environment, and the company organization are transforming to help software development project stake holders accomplish their tasks efficiently and intelligently. This presentation will talk about the mission from the perspective of a corporate wide R&D competence promoter, which is to provide an intelligent research and development environment that will provide right assistances to the right R&D person at the right time, in one shot. And Tony will also highlight the key enabler of this intelligent R&D mission - build data intelligence through data correlation, software traceability, and software analytics technologies.