



Dr. Rico has been a technical leader in support of multi-billion-dollar government agencies, portfolios, programs, and acquisitions for over 37 years. These include IRS, Exelon, National Grid, DoD, CMS, U.S. Courts, SSA, Federal Reserve, GSA, Army, Navy, U.S. Embassy, DARPA, DISA, Air Force, and NASA. He specializes in change, portfolio, program, project, systems and software engineering management. He has led over 30 change initiatives based on Cloud Computing, SAFe, Agile Project Management, Scrum, Kanban, Lean Six Sigma, DoD 5000, Enterprise Architecture, SOA, Web Services, CMMI, ISO-9001, SW-CMM, Baldrige, TQM, etc. He has directly captured, managed, or supported numerous multi-billion programs such as Medicaid Systems, Realtime Analytic Systems, Private Clouds, Data Warehouses, Global Networks, Encryption Key Systems, Identity Systems, Virtual Casefile Systems, Satellite Constellations, Fighter Jets, Unmanned Aerial Vehicles, Military Attack Helicopters, Intercontinental Ballistic Missiles, Heavy Launch Systems, Missile Defense Systems, Command and Control Systems, Logistics Systems, Space Station, Ground Control Stations, Large Scale Engineering Development and Test Environments, and Intelligence Community Oversight. He's given over 290 keynotes, conference appearances, lectures, and training courses on Lean and Agile Thinking to over 135,000 people; published articles in leading peer reviewed scientific journals; and authored the first textbooks on the Business Value of Agile Methods and CMMI. He also taught part-time at seven Washington, DC-area universities on organizational leadership, business management, information systems, and systems engineering. He is a Certified PMP, CSEP, EBAS, BAF, FCP, FCT, ACP, CSM, SAFe SPC, SAFe LPM, SAFe RTE, SAFe & AIPMM APM, SAFe Agilist, DevOps Expert, AWS Cloud Certified Professional (CCP), Professional Scrum with User Experience (PSU), S@S, Scrumban, and Kanban Practitioner. He holds a B.S. in Computer Science, M.S. in Software Engineering, and D.M. in Information Systems. He's been in IT since 1983.

Major Accomplishments

- Published two major textbooks and contributed to five others.
- Published over 36 articles, including scientific peer reviewed journal articles.
- Delivered over 290 keynotes, speeches, courses, training classes, and tutorials to 135,000 people.
- Taught dozens of courses at more than seven major universities, including exclusive Top-25 schools.
- Completed Bachelors in Computer Science, Masters in Software Engineering, and Doctorate in Information Systems.
- Master's thesis was republished by the U.S. Air Force and by two major European scientific research organizations.
- Served on numerous doctoral dissertation committees, where students went on to leadership positions in industry and academia.
- Helped Japan's largest computer and software manufacturing firm become SW-CMM Level 3 compliant and ISO 9001 registered.
- Contributed to NASA's Space Station, Navy F/A-18E/F Super Hornet upgrade and SBIRS-LEO Satellite Missile Defense System.
- Consulted to numerous programs including [Lockheed's Trident II Fleet Ballistic Missile \(FBM\) Defense Program](#), F-22, and F-35.
- Helped capture over \$2 billion in major contracts to implement modern lean-agile information technology (IT) project management practices.
- Performed 35 Software Capability Maturity Model (SW-CMM) and Technology Readiness Assessments of major U.S. government programs.
- Contributed to numerous Cloud Computing modernization initiatives for Exelon, [DoD](#), IRS, and Centers for Medicare and Medicaid Services (CMS).
- Led numerous Cloud, DevOps, Lean, Agile, SAFe, Web Services, Six Sigma, FOSS, PMBoK, ISO 9001, CMMI, Baldrige, TQM, DoDAF, and DoD 5000 initiatives.
- [Earned numerous professional certifications](#) – PMP, CSEP, ACP, CSM, EBAS, BAF, FCP, FCT, SPC, LPM, RTE, APM, DevOps, UX, S@S, Scrumban, Kanban, AI, and VSM.