



Subject Matter Expert Earl Burba, PMP



Expertise

Large IT system testing and training

Mr. Burba, a senior technical analyst with PCG Technology Consulting (PCG TC), works on the full lifecycle of Independent Verification and Validation (IV&V), focusing on test and training. He has extensive experience working with large complex government projects as an IV&V technical analyst. Since joining PCG TC, Mr. Burba has provided technical support for a number of IV&V projects in a number of different states, including California, Colorado, Iowa, Mississippi, Massachusetts, and Nevada. The IV&V activities involved in these contracts include Requirements Traceability analysis, Risk Identification and Mitigation, Communications Management, Test Management, Training, and Project Transition and Closeout.

Mr. Burba has been working in the information technology industry for more than 27 years. He has expertise in systems design, requirements traceability and analysis, object-oriented design and development, Independent Verification and Validation (IV&V) and Quality Assurance (QA) of large, complex, and multi-faceted systems and applications.

Experience

Prior to joining PCG TC, Mr. Burba worked for SLI Global Solutions (formerly Systest Labs LLC.) as Senior Project Manager and Chief Engineer. He supported numerous projects, including IV&V engagements for the State of Colorado Department of Labor and Employment (CDLE) Unemployment Insurance (UI) genesis and Department of Revenue Colorado Titling and Registration System (CSTARS). Additionally, Mr. Burba supported projects involving web-based testing, elections support through a Pennsylvania Voting Systems Quality Assurance Assessment, and provided intersystem test coordination for DSL services for QWEST communications. Mr. Burba was also employed by US West communications as an Outside Plant Facilities manager (OSPFM), providing test support for that project. Finally, Mr. Burba was employed by Lockheed Martin Astronautics as a senior staff engineer software developer for Atlas V, Titan Centaur Ground Systems, and the Magellan spacecraft programs. He also supported the Inertial Upper Stage (IUS) IV&V project as a member of the verification team.

Education and Affiliations

Mr. Burba holds a Bachelor of Science degree in Computer Science from Colorado State University and a Masters of Computer Information Systems from Denver University. He is certified by the American Software Test Qualifications Board (ASTQB) as a CTFL, CTAL-TM, CTAL-TA, CTAL-TTA (Certified Tester Advanced Level) and is involved as part of the ASTQB Technical Advisory Group (TAG).