

3rd International Summit on **GMP, GCP & Quality Control**

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Ensure quality assurance for software companies and institutions

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Outside or inside quality assurance auditors are trained and chartered to partner with companies and/or institutions and instill quality, maintain process and product requirement compliance thru in-house audits and evaluations and to provide oversight. Auditors promote process improvements, and are an advocate to a quality culture that supports commitment to technical integrity.

Vision: Quality is inclusive for creating a community working together and establishes an inspired future for Senior Management, employees and customers.

Mission: Drive the growth of our people and our business through personal and professional development focused on disciplined execution and quality. Processes and Evaluation Audit Steps are:

- Quality Planning
- Perform Process Audit & Evaluations
- Record and Report Process Audit & Evaluation results to Senior Management

Quality Planning:

At the start of each review period, auditors prepare for audit and evaluation planning by identifying contracts and those processes that will be evaluated during that specific review period. The identified contracts and processes evaluated during the review period require the right criteria derived from company and/or institution documentation (or associated plans and procedures).

Perform Process Audits and Evaluations:

Using criteria derived from the documentation plus plans and procedures provides the performance of the audits and evaluations planned for each month. The purpose of the audits and evaluations ensure that activities and/or tasks are completed as planned and are compliant with approved company and/or institution plans and procedures. Performing process audits and evaluations includes:

- Review of plans and procedures to determine and select appropriate evaluation criteria
- In performing the evaluation, auditors make an assessment as to whether the implemented processes are compliant or noncompliant
- The auditor identifies an issue or opportunity for improvement, as a result of the process audit and evaluation
- Auditors are not limited to performing only the process audits and evaluations that have been planned for a given month
- Auditors to perform company process audits is to verify, analyzed, communicate, and track technical, financial/costs, schedules, contractual, customer, suppliers and external and internal risks to ensure long-term success
- Interviews with employees and Senior Management to ensure quality assurance is implemented for compliance and promoting a professional environment

Record and Report Process Audit and Evaluation Results to Senior Management:

Companies and/or institutions maintain historical records (electronic or paper) such that they accurately reflect the activities and status they represent. Manage configuration and control of audit and evaluation records as required by company requirements are retained records for compliance and use.

There are other and effective methods for audits and evaluations, but the number one method is to ensure "Quality Assurance is First" and the other methods come in second.

Biography

Boyd L Summers has completed his Bachelor of Science (BS), Business Administration at Weber State University, USA. Areas of emphasis: Information Systems, Production and Operations Management, Quantitative Analysis and Methods, Human Resources, Economics, Business Management and Statistical Analysis and Computer Science. He is currently working as a Software Engineer - Quality for The Boeing Company and a Software Technology Consultant for BL Summers Consulting LLC located in Seattle, Washington. With 30 years of experience in Software Engineering and a leader of multiple software development teams, Boyd continues to solve complex technical challenges to ensure that system and software engineering problems are addressed, resolved and compliant. Author of the two software technology books titled: "Software Engineering Reviews and Audits." and "Effective Methods for Software and Systems Integration. Provide Software Articles to Software Engineering Journals and magazines. Topics include: System Design, Software Requirements, Software Design, Software Test and Evaluation, Configuration Management, Quality Assurance, Process and Product evaluations. Applies Processes in Agile, Lean and Six-Sigma including a Software Technology Speaker at conferences and member of the American Society Quality (ASQ).

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