

ABSTRACT AND BIOGRAPHY

How Configuration Management Helps Projects Innovate and Communicate

Traditionally, CM is relegated to a support role in project management activities. CM's traditional functions of identification, change control, status accounting, and audits/verification are still necessary and play a vital role. However, this presentation proposes CM's role in a new and innovative manner that will significantly improve communication throughout the organization and, in turn, augment the project's success. CM's new role is elevated to the project management level, above the engineering or sub-project level in the Work Breakdown Structure (WBS), where it can more effectively accommodate changes, reduce corrective actions, and ensure that requirements are clear, concise, and valid, and that results conform to the requirements.

By elevating CM's role in project management and orchestrating new measures, a new communication will emerge that will improve information integrity, structured baselines, interchangeability/traceability, metrics, conformance to standards, and standardize the best practices in the organization.

Overall project performance (schedule, quality, and cost) can be no better than the ability to communicate requirements which, in turn, is no better than the CM process to communicate project decisions and the correct requirements.

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Mr. Cioletti is the Configuration Management Lead for Johnson Space Center/Space Life Sciences Directorate (SLSD) since 2005. He is responsible for supporting various directorate and division control boards and panels as well as the content manager for the SLSD CM homepage.

Previously, Mr. Cioletti served as a Task Order manager and Project Coordinator for the Biological Systems Office (Biotechnology) and several supervisory positions in science labs.

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Prior to this position, Ms. Guidry served NASA in numerous capacities including as the Manager of Configuration Management in the Space Life Sciences Directorate.

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