

Execution and Communications

Celia Kamana

11/10th/2024

Change Request Form

I. General Information

Project name: Creation of Project Management (PM) Processes for the development of software solutions

Project number: 01

Requestor name: Celia Kamana

Requestor's contact information: kamanacelia@gmail.com

Date of request: 11/10/2024

Change request tracking number: CR-001

Date request approved/denied: Approved

Section One—To Be Completed by the Requestor

II. Description of Change Request	<i>Include a detailed description of the requested scope change.</i>
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The requested change involves integrating Cloud-Native Architecture and AI/ML capabilities into the existing project management framework. This change includes updating the existing SOPs, templates, diagrams and guidelines to include best practices for cloud-native implementations, infrastructure as code, AI/ML model deployment, and monitoring. Additionally, new procedures will be developed to guide the AI/ML integration process, emphasizing data collection, model training, and deployment standards.

III. Business Justification for Change	<i>Describe how the business, project, or product will benefit from the requested change.</i>
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Integrating Cloud-Native Architecture and AI/ML capabilities are critical to ensuring that the company's project management processes align with the latest technology trends, particularly in the telecom sector. Cloud-native solutions will provide scalability, resilience, and cost efficiency, while AI/ML integration will enable predictive insights, automation of processes, and intelligent decision-making. This change will help the company remain competitive by providing robust, agile, and data-driven project management capabilities.

IV. Impacts of Not Making the Change	<i>Describe how the business, project, or product will be impacted if the change is not made.</i>
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If this change is not implemented, the company risks falling behind competitors who have adopted cloud-native and AI/ML technologies. The lack of scalability may hinder the company's ability to manage high data volumes, and the absence of AI-driven insights could result in inefficient processes and missed opportunities for optimization. Additionally, without cloud-native practices, the company's project

management framework may face limitations in terms of resilience, deployment speed, and cost-effectiveness.	
V. Alternatives to Change <i>Describe any known alternatives to the change.</i>	
<p>An alternative to integrating these changes would be to maintain the current project management framework while developing cloud-native and AI/ML procedures as separate documents. This approach would delay integration, reduce coherence across the project management framework, and ultimately require significant future rework to unify processes.</p>	
Section Two—To Be Completed by the Project Manager	
VI. Impacts of the Change	<i>Describe the impacts of this change to the project schedule, budget, and quality.</i>
<ul style="list-style-type: none"> • Schedule: Integrating cloud-native and AI/ML procedures will require an additional 3 weeks. This includes time for research, SOP updates, stakeholder consultations, and training material development. • Budget: An estimated additional budget of \$10,000 is required for consultation with cloud and AI experts and for updating training materials. • Quality: The integration of cloud-native and AI/ML best practices is expected to significantly improve the quality of the PM framework by enhancing scalability, resilience, and intelligent decision-making capabilities. 	
VII. Alternatives to Change	<i>Describe alternative solutions to the change.</i>
<p>An alternative is to address cloud-native and AI/ML integration as separate initiatives after the project management framework is complete. However, this could lead to fragmentation in documentation and a lack of cohesion across PM processes.</p>	
VIII. Recommendation to the Control Board	<i>Describe the project manager's recommendation to approve or deny the change. Include justification for the recommendation.</i>
<p>I recommend approving this change request. Integrating cloud-native architecture and AI/ML capabilities into the project management framework will modernize the company's PM processes and make them adaptable to future software solutions. This change will help maintain the company's</p>	

competitive edge and ensure that the PM framework is future proof.

Section Three—To Be Completed by the Change Control Board

Recommendation: *Include a discussion concerning the goals of the project. Does this change significantly impact the goals of the project such that the project goals can no longer be met? Should this change be considered a new project or phase two of the existing project, etc.?*

The integration of Cloud-Native and AI/ML capabilities aligns with the company's goal of adopting cutting-edge technologies to remain competitive. This change is crucial for modernizing project management processes and ensuring long-term sustainability

Date of Review + Signatures:

Requestor & PM: Celia Kamana 11/10/2024

CCB: The Board 11/12/2024