

## INNOVATIVE SOFTWARE DELIVERY FRAMEWORK TO WARDS SOFTWARE APPLICATIONS MODERNIZATION

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### ABSTRACT

Many of the current IT organizations are shifting their business and service offerings to satisfy and meet their clients demand via new approaches like application modernization. Software modernization is refactoring or consolidation of the traditional and legacy software engineering/programming techniques to be aligned with the business outcomes and client needs. Operational excellence, service alignment and portfolio optimizations are the key strategies adopted by the IT organizations to tailor their IT services/solutions to meet their client business objectives. This article presents an innovative E2E (End-to-End) framework that articulates the next generation of software application development and delivery. The proposed framework is designed to bridge the current gap with the legacy approaches through linking together available resources, tools, infrastructure, information services, and delivery approaches in seamless and lean manner to maximize the business value towards end users. The edge and uniqueness of this framework is that it focuses in aligning the software service offerings with the business outcomes via E2E approach starting from assessing the client needs and draft a plan of actions to transform into the new way of IT delivery.

**KEYWORDS:** Cloud Computing, Application Modernization, Operational Excellence, Software Refactoring, Application Transformation to Cloud