

# AN APPROACH TO DEPLOYMENT READINESS REVIEW IN MANUFACTURING

---

**Alireza Javahernia**

University of Hertfordshire, United Kingdom, E-mail: [a.javahernia@herts.ac.uk](mailto:a.javahernia@herts.ac.uk)

**Sunmola Funlade**

University of Hertfordshire, United Kingdom, E-mail: [funlade@blueyonder.co.uk](mailto:funlade@blueyonder.co.uk)

## ABSTRACT

A key consideration in innovation deployment processes in manufacturing is ensuring that the intended deployment will run smoothly and relatively problem free. This consideration can be in the form of deployment readiness assessment and review. This paper presents an approach to deployment readiness review in manufacturing with a focus on process innovation implementation. In the context of this paper, deployment readiness review is an appraisal conducted to determine if an acceptable state of preparedness has been attained for implementation of a manufacturing process innovation into a target environment. It is a form of quality control and the outcome will often be a go/no go decision with recommendations. Following a review of literature, an approach to deployment readiness review that encompasses three main phases is suggested: a) initiation of the review process, b) deployment readiness deliberation and assessment, and c) feedback and follow-up. Central to the initiation of the deployment review phase is ensuring that the pre-requisites for the review are met, including a deployment readiness review plan, selection of the review panel, and complete deployment process documents. The deployment readiness assessment can consist of both qualitative and quantitative assessment protocols from which feedback and follow-up actions are developed. An example of manufacturing process innovation deployment readiness review in a job shop is provided to illustrate the approach.

**Keywords:** Deployment Review, Process Innovation, Job Shop, Readiness Assessment.