

IT WORKS EVEN IN STARTUPS

Lessons Learned from 4.5 startups

Struggling with existence problems and dynamic markets are only some of the challenges R&D managers face in Startups. Process institutionalization in such companies is often considered as luxuries. Using the CMMI can be a strategy to enable the growth of the startup and empowerment of its people.

Taking into consideration the characteristic of startups, an incremental process improvement should be planned. Arc B compatible appraisal can be used for diagnosing the startup status and needs with added value of increased awareness for the usefulness of matured processes and training of change agents. Starting with a small number of process areas and development of the process assets with the involvement of the practitioner reduces both the cost and the resistance. Adding a PPQA engineer role ensures the institutionalization of the new processes. Additional ARC B appraisals can be used as a measurement of the improvement.

The programs had different impact on the startups of the programs influenced by in institutionalization of improved management practices and common language,

This presentation describes process improvement programs that used the CMMI/CMM models in 4.5 startups, the challenges and their results.