

ISO/IEC TR 33014:2013-12 (E)

Information technology - Process assessment - Guide for process improvement

Contents		Page
Foreword		v
Introduction		vi
1	Scope	1
2	Normative references	1
3	Terms and definitions	2
4	Introduction and overview of continual process improvement	2
4.1	Framework	3
4.2	Roles	5
4.2.1	Management / Sponsor	6
4.2.2	Project Organization	7
4.2.3	Experts	7
4.2.4	Process Improvement Unit (Process owners)	7
4.2.5	Process Improvement Manager	7
4.2.6	Process Improvement Team Member	7
4.2.7	Customer	7
4.2.8	Project Manager	7
4.2.9	Practitioner	7
4.3	Basics in continual process improvement	8
4.4	Basics in improvability	9
5	Process Improvement	9
5.1	Overview	9
5.2	Steps of process improvement	10
5.2.1	Step 1 - Examine organization's business goals	10
5.2.2	Step 2 - Initiate process improvement cycle	10
5.2.3	Step 3 - Perform a process assessment	11
5.2.4	Step 4 - Develop action plan	12
5.2.5	Step 5 - Implement improvements	15
5.2.6	Step 6 - Confirm improvements	17
5.2.7	Step 7 - Sustain improvements	17
5.2.8	Step 8 - Monitor performance	18
6	Improvability basics - Organizational support for process improvement	18
6.1	Overview	19
6.2	Step 1 - Identify business goals	20
6.3	Step 2 - Identify the scope of organizational change	20
6.4	Step 3 - Select models and methods and identify roles in process improvement	21
6.5	Step 4 - Identify the overall change strategy	21
6.5.1	Overall change strategy	21
6.5.2	Identify the overall change strategy	23
6.6	Step 5 - Identify status of improvement support elements	23
6.6.1	Process improvement support elements	23
6.6.2	Identify and use the improvement support elements	26
6.7	Step 6 - Define scope of change - and what to change	26
6.8	Step 7 - Define organization for enhancement and process improvement	27
6.8.1	Enhance the improvability - the improvement support element	27
6.9	Organization of process improvement work	27

7	Enhance project improvability	28
7.1	Overview	28
7.2	Step 1 - Identify status of improvement support elements	29
7.3	Step 2 - Define scope of change - and what to change	30
7.4	Enhance improvability at project perspective	32
Annex A (informative) Roles, related problems and solutions in process improvement		33
Annex B (informative) How good are you at improvement?		36
Annex C (informative) Example on organization		38
Bibliography		39