

***The actual economic situation imposed by the globalization forces the IT companies to produce high quality software in a fast way and at a reduced cost.***

How can you develop better, faster, and more cheaply without sacrificing the software quality? International studies show preoccupying statistics. Only 30% of IT projects were considered successfully. 50% of the projects presented deviations and more preoccupying, 20% were canceled.

#### CMMI-DEV

Capability Maturity Model Integration – for Development (CMMI-DEV) is a reference model that covers the development and maintenance activities applied to both products and services. This model was created by the Software Engineering Institute (SEI) of the Carnegie Mellon University, Pittsburgh, USA with the objective of evaluating the maturity level of IT suppliers. The main goal is the search of the continuous process improvement, improving the capacity of the organization to assist to its goals maintaining initial costs, periods, functionalities and quality of the software product, or by other words, better products, faster development and fewer costs.

This model is formed by five different levels: The initial level is associated to chaotic organizations that use informal processes, no documented and depending exclusively on their collaborators. The level two identifies disciplined organizations that institutionalized practices of project management turning these more predicable and controlled. All standardized organizations that institutionalized formal processes are in level three. The predicable organizations are in the level four. Their processes and products are quantitatively and qualitatively measured and controlled. In the last level are the mature organizations that look for a continuous processes improvement.

Just the mature organizations get to grow at the demanding market of IT's. Unhappily just about 25% of the organizations are considered.

QUALITYMATE

A documented process can be repeated. A repeated process can be quantified. A quantified process can be improved. In way to bring efficiency to the institutionalized processes AtYourSide Consulting ([www.atyoursideconsulting.com](http://www.atyoursideconsulting.com)) developed a solution called QualityMate. QualityMate suite of tools enables organizations to industrialize the software development process providing support for different process activities like Requirements Management, Tests Management (functional and stress / load) and Issues Management – totally integrated.

QualityMate solution does not imply you to work in a pre-determined way or apply a specific methodology. QualityMate easily adapts to the way your organization works. Whether your process is highly structured or very agile, QualityMate can be customized to support the way your teams work. You can create an infinite number of entity types and for each one, infinite number of entity attributes. Each entity attribute can be configured to support your own information needs. The workflow process can be completely configured by setting security options and creating constraints, actions and transitions rules for each atomic attribute. By doing this you can be sure your process will be institutionalized.

All the information is stored in the central repository in a hierarchical way and flows naturally between all the different modules, being constantly refreshed without the need of any integration or other process of import/export.



## QUALITYMATE AND CMMI

QualityMate is the right tool to improve your in-house processes.



QualityMate suite of tools helps your organization to climb up to CMMI level 5. By institutionalizing your own defined processes (level 3) you can be sure they get repeatable and quantitatively measured (level 4) allowing you to get in search of continuous process improvement (level 5).

A managed process is a performed process. A defined process is a managed process. A quantitatively managed process is a defined process. An optimizing process is a quantitatively managed process.

QualityMate suite of tools is the right solution to help you institutionalize your process (in order to be more effective), and improve it, (to get more efficiency).

QualityMate offers a complete set of common functionalities like:

- Support for attachments
- Forum discussions
- Associated users
- Traceability
- History
- Fully adaptable to your in-house process
- Support for parallel development

