

## IMPROVED PRODUCTS AND SERVICE QUALITY EQUALS CMMI

We are living in a world where technology is changing by an order of magnitude every ten years, a dynamic world. Typically; People tend to be as much as dynamic those days, unlike the old days, people tend to work for many companies throughout their careers. A focus on processes provides the infrastructure necessary to deal with an ever changing world, and to maximize the productivity of people despite the rapid turnover, and the use of the ever growing technology to be more competitive.



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Companies want to deliver products and services better, faster, and cheaper at the same time, in high-technology environment of the twenty-first century, nearly all organizations have found themselves building increasingly complex products and services.

To hold everything together, the processes allow the organizations to align the way to do the business and address the scalability and provide a way to incorporate knowledge of how to do things better, control the resources and examine their business trends.

To achieve this objective the organizations must be able to manage and control this complex development and maintenance process. By using maturity models, standards, methodologies, and guidelines that can help and improve them to do their business.

Capability Maturity Model Integration (CMMI) provides this opportunity helping **organizations to improve their development and maintenance processes for both products and services.**

### WHAT IS A CMMI (CAPABILITY MATURITY MODEL INTEGRATION)?

*Is a process improvement maturity model for developing products and services, it consists of best practices that address the development and maintenance activities that cover the product lifecycle from conception through delivery and maintenance.*



### The CMMI model is used to:

- o Improve the company ability to manage their development, acquisition, and maintain its products or services
- o Provide guidance for improving the organization processes
- o Provide best practices for development and maintenance activities which lead to stable, capable, and mature processes.
- o Appraise the organization maturity or process area capability to measure progress and improvement
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### Egyptian CMMI companies

Twenty Six Egyptian Software Companies achieved Capability Maturity Model Integration (CMMI) accreditation levels

- 2 are accredited as level 5
- 1 is accredited as level 4
- 10 are accredited as level 3
- 13 are accredited as level 2

