LEVEL		DESCRIPTION OF LEVEL	PROCESSES
5	Optimizing	Development processes in the organization are corrected on the basis of measurements, new technology, and new ideas.	Organizational Innovation and Deployment, Causal Analysis and Resolution.
4	Quantitatively managed	The organization measures the quality of the software developed and the development process itself.	Organizational Process Performance, Quantitative Project Management.
3	Defined	Project management processes in all projects are under control. The organization has built up a standard process for developing and maintaining software.	Requirements Development, Technical Solution, Product Integration, Verification, Validation, Organizational Process Focus, Organizational Process Definition, Organizational Training, Integrated Project Management, Risk Management, Decision Analysis and Resolution.
2	Managed	The basic project management processes have been established so that costs, schedules, and functionality can be monitored and controlled. Successes can be repeated when the same thing is produced again and again.	Requirements Management, Project Planning, Project Monitoring and Control, Supplier Agreement Management, Measurement and Analysis, Process and Product Quality Assurance, Configuration Management.
1	Initial	The software process is carried out on an ad hoc basis and is sometimes even chaotic. Success depends on individual performances (company heroes).	

FIGURE 5.4
CMMI's 5 levels with description and processes.

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