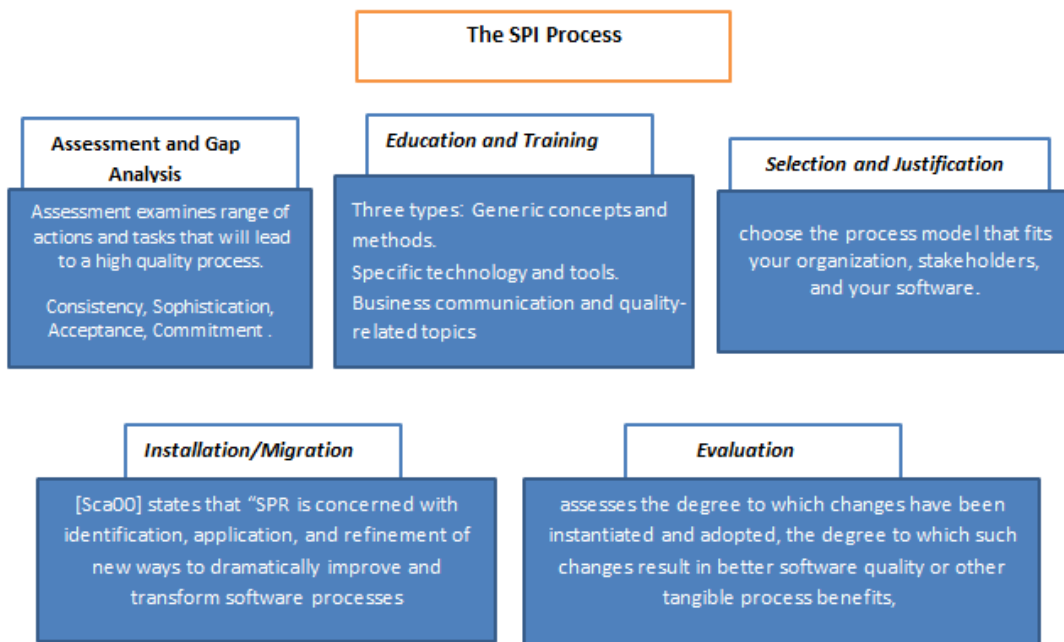


## Chapter 37 (Software Process Improvement)

The SPI strategy transforms the existing approach to software development into something that is more focused, more repeatable, and more reliable

A maturity model use in SPI framework.

The intent of the maturity model is : provide an overall indication of the “process maturity” indication of the quality of the software process, general state of software engineering practice.



Risk Management for SPI : prior to the initiation of the SPI roadmap, during the execution of SPI activities , and during the evaluation activity.

The CMMI:		P-CMM Process Areas	
level	Focus	level	Focus
Optimizing	Continuous process improvement	Optimized	Continuous workforce innovation
Quantitatively managed	Quantitative management	Optimized	Quantifies and manages knowledge,
Defined	Process standardization	Defined	Identifies and develops knowledge,
Managed	Basic project management	Managed	Repeatable, Basic people
Performed		Initial	Inconsistent practices