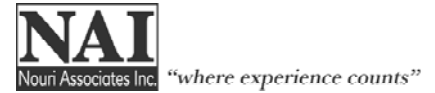




**Nouri Associates' Strategic Process Improvement – CMMI practice provides a proven framework for improving your organization's Software Development practices and solution delivery capabilities.**



Business organizations of all types — commercial, government and nonprofit — are recognizing the importance of information technology (IT) Service Management, IT Process Improvement and implementation of best practices frameworks. This is being driven by the demands of more complex Web composite applications that usually mandate quick time to market, higher quality, availability, reliability and closer collaboration among the development and operations teams to achieve their intended goals, as well as the senior management's goal of delivering business growth and expansion through timely delivery of strategic initiatives.

IT Industry de facto process standards and best practices frameworks such as SEI's CMMI® and PMI PMBOK® combined with Program Management best practices provide an excellent foundation for addressing the above goals and challenges.

**What are the main reasons for improving software dev. processes?**

- Enhancing On-Time Delivery
- Reducing Production Defects
- Implementing Best Practices
- Improved Developer Productivity
- Increased Customer Satisfaction
- Reducing Costs

**What is SPI-CMMI?**

The Strategic Process Improvement (SPI) Capability Maturity Model Integrated (CMMI) practice of Nouri Associates is focused on helping its clients improve their software development and solution delivery capability by leveraging industry proven best practices advocated by the Carnegie Mellon University (CMU) Software Engineering Institute's (SEI) CMMI model and complementary frameworks.

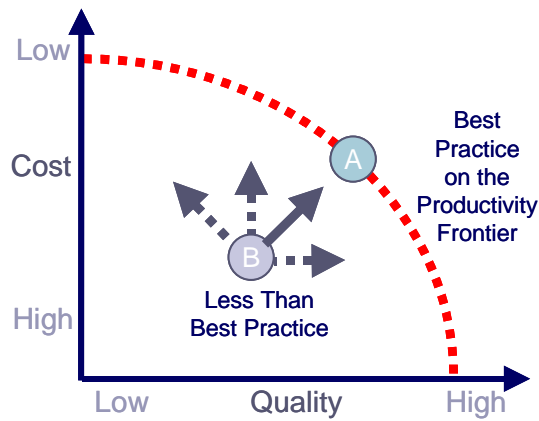
**What key issues are addressed?**

- How to increase the chances of success with software development projects?
- How to reduce the number of defects discovered in production systems?
- How to meet client expectations more often and more consistently?
- How to increase the project's chance of on-time and on-budget delivery?
- How to do more with existing or fewer resources in software development?
- How to improve manageability and accountability in the dev. organization?
- How to improve project sizing and estimating techniques and results?
- How to minimize the cost of developing more complex composite applications?

**NAI Practice Brief:**

**Strategic Process Improvement**

- ITIL (IT Operations)
- **CMMI (Software Development)**
- PMBOK (Project Management)
- COBIT (Governance)
- PIP (Process Improvement Program)



Michael Porter – What is Strategy?

Level	Focus	Process Areas <i>Including IPPD</i>
5 Optimizing	<b>Continuous Process Improvement</b>	Organizational Innovation and Deployment Causal Analysis and Resolution
4 Quantitatively Managed	<b>Quantitative Management</b>	Organizational Process Performance Quantitative Project Management
3 Defined	<b>Process Standardization</b>	Requirements Development Technical Solution Product Integration Verification Validation Organizational Process Focus Organizational Process Definition Organizational Training Integrated Project Management (2 IPPD Goals) Risk Management Decision Analysis and Resolution Organizational Environment for Integration Integrated Teams
2 Managed	<b>Basic Project Management</b>	Requirements Management Project Planning Project Monitoring and Control Supplier Agreement Management Measurement and Analysis Process and Product Quality Assurance Configuration Management
1 Initial		

CMU SEI – Capability Maturity Model Integrated Staged

### What Are The Core Deliverables?

A typical SPI-CMMI study may include the following deliverables:

- *Baseline Compliance Assessment* - Identification of the areas of compliance and non-compliance among the organization's documented processes, actual processes and project artifacts. This effort may include a formal SCAMPI® appraisal performed by an authorized lead appraiser.
- *Improvement Strategies* - Suggested order of implementation of the documented areas of non-compliance as well as a concrete roadmap for achieving the desired outcomes including Quick Hits, KPI, awareness and training campaigns, execution strategy and approach.
- *Critical Program Management* - A comprehensive execution and change management program to increase probability of success in process improvement.

### Past SPI-CMMI Engagements

- For a number of government contractors conducted Class A, B or C SCAMPI® appraisals of their Software Development practices.
- For a number of Financial Services Institutions established and managed successful Process Improvement Program Offices to implement CMMI, PMBOK and ITIL related process improvements.

### Benefits

- About 5:1 Return on Dollars Invested
- Decrease in defect rate
- Earlier defect detection
- Fewer overtime hours
- Improved employee morale
- Improved developer productivity
- Improved time to market
- More predictable schedules/costs
- Reduced costs

### Why Partner With Nouri Associates?

- **Trusted Advisors** – Our clients consider us to be trusted advisors. We are known for integrity, trust and reliability.
- **Experienced and Authorized Staff** – Our consultants have an average of 18+ years of experience in software development and process improvement initiatives and are authorized by SEI as Appraisers.
- **Formal Change Management** – We use Organizational Development experts and formal change management methods on our process improvement programs.
- **Independence** – We provide truly unbiased and independent advice. We are not compromised by any technology vendor alliances. We represent YOU.
- **High Quality** – The quality of our work and consultants are the main reasons why our clients choose to bring us back repeatedly.
- **Better Value** – Our low-overhead business model allows us to deliver superior and unparalleled service and expertise at highly competitive rates.

### For more information

please contact Nouri Associates

([www.nouriasociates.com](http://www.nouriasociates.com))

at 1.888.556.3618 Ext. 612

or via email at

[info@nouriasociates.com](mailto:info@nouriasociates.com)



*"where experience counts"*