

# ENGINEERING PROCESS

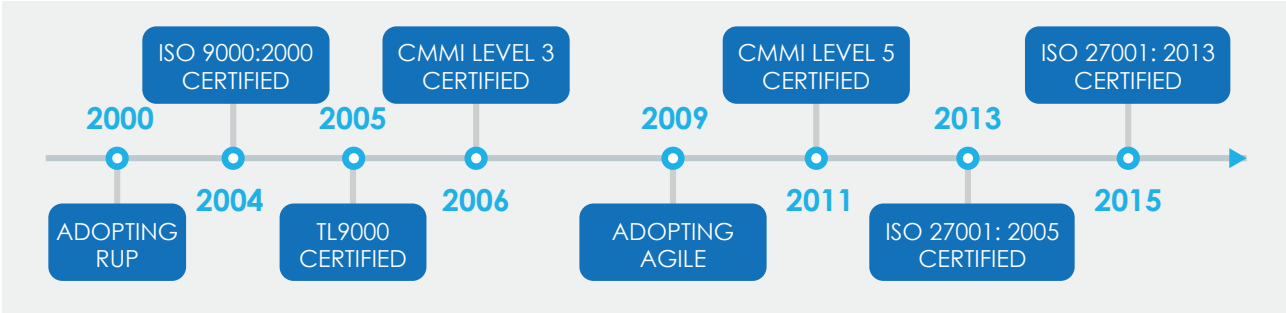
TMA engineering processes were developed based on

- TMA's experience in many software projects
- Industry practices and standards (RUP, ISO, TL9000, CMMI, Agile)

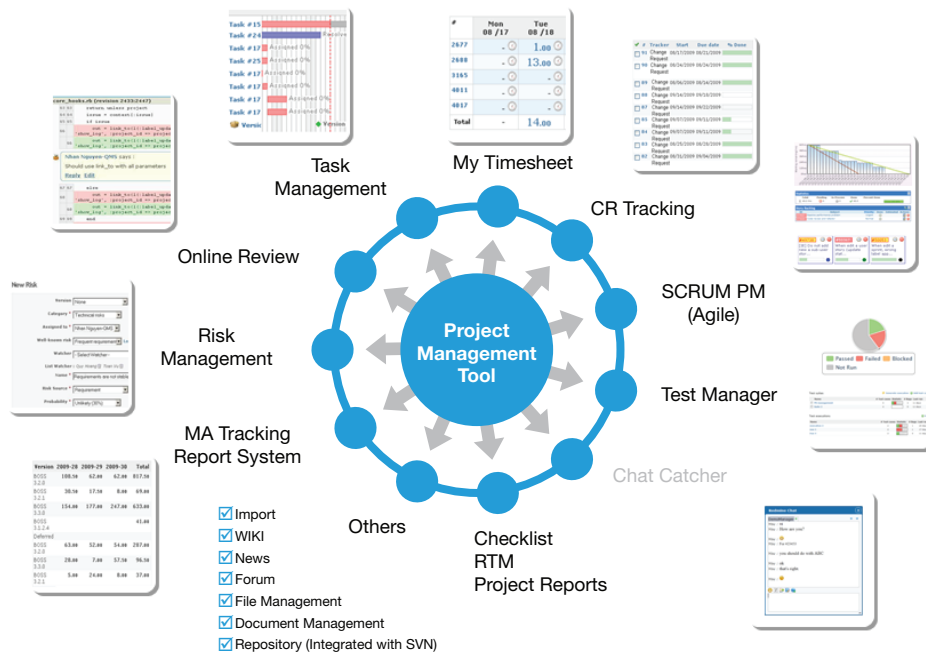
Meeting stringent requirements from leading companies

Regular reporting of productivity and quality metrics to clients

- To demonstrate performance and quality improvements



## Project Management Tools

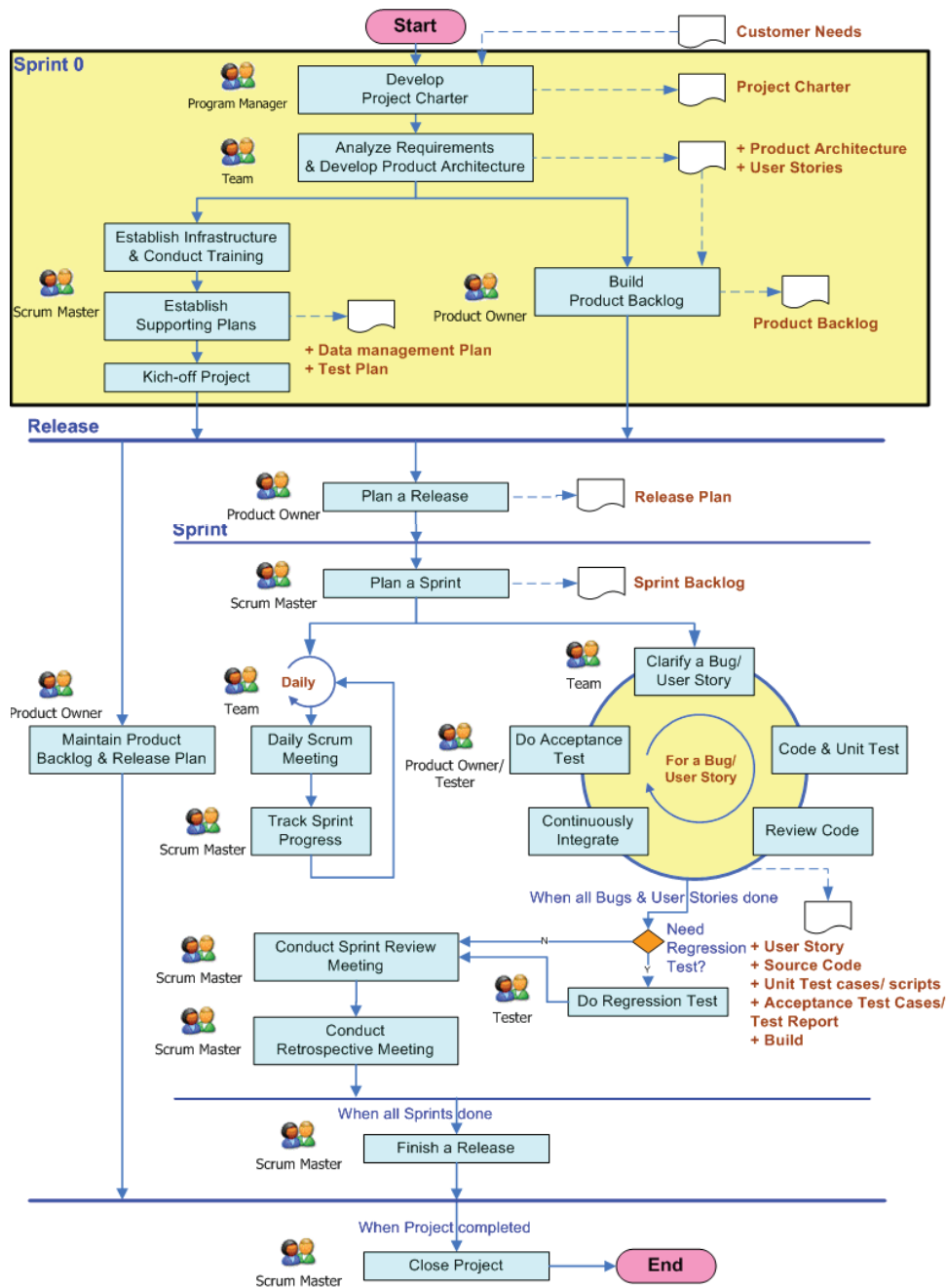


## Project Monitoring & Control

Daily Review		Monthly Review		
SCRUM Meeting	Code Review	Overall status	Risks, issues & actions	Staffing
		Accomplishment	Process application	Training
		Milestones		Improvement
		Metrics		
Weekly Review		Milestone Review		
Task status	Productivity	Status	Achievement	Best practices and lessons learnt
Schedule deviation	Quality			
Effort deviation	Risks, issues & actions			
Productivity				

# TMA Agile

Customized Agile process and workflow for offshoring model



## TMA Agile Best Practices

### Early and continuous delivery

- Short time-box sprint, done each user story, deliver working software

### Shorten feedback loop

- Wire-frames, prototypes, daily stand-up meeting, sprint review, retrospective

### Continuous integration

- Auto build and test for any code change, readiness of potential deliverables

### Delivering unit tests together with the code

- Code review, TDD, Unit test coverage match quality objectives

### Dividing into many small teams

- Each team has specific skill set and focus on specific release targets

### Clear exit criteria

- Approved and committed

### Face-to-face conversation

- Onsite, phone, or instant messaging for offshore members