

## **Process & Tools Implementation Service**

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### **Highlights**

- Duration: Varies based on scope
- Scope: One software development project or organization
- Implementation approach: Assessment, implementation planning, process definition, tools setup, training and coaching

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### **Description**

This process & tools implementation service provides software development projects and organizations with a structured approach to improving the three key components of their software engineering capabilities: people, process and tools.

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### **Framework**

The process & tools implementation is performed using a framework based on the following software engineering best practices:

- Develop Iteratively
- Manage Requirements
- Use Component Architectures
- Model Visually
- Continuously Verify Quality
- Manage Change.

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### **Activities**

The process & tools implementation is driven by an engagement manager that leverages other consultants as necessary. The engagement manager is responsible for ensuring the overall success of the implementation.

The following describes the implementation activities (typical time allocation is shown in parenthesis, time allocation may vary based on scope):

- Assessment (5 days): One or two consultant(s) perform an assessment of the project or organization current software engineering capabilities (see the Assessment Service Data Sheet for details)
- Implementation Planning (5 days): Engagement manager plans the implementation of process and tools with the assistance of project or organization resources
- Process Definition: Consultants create the process from scratch or tailor an existing process to align it to the needs of the project or organization (variable number of days based on scope of implementation)
- Tools Setup: Consultants install and configure the tools (variable number of days based on scope of implementation)
- Training: Consultants provide project or organization resources with formal instructor-led training on process, techniques and tools (variable number of days based on scope of implementation)
- Coaching: Consultants provide project or organization resources with coaching on process, techniques and tools (variable number of days based on scope of implementation)

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### **Deliverables**

Documented Process  
Operational Tools  
Enabled People

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### **Contact Us**

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