



DCG Measurement Roadmap

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Introduction

This process is designed to provide software management leaders with a structured process to develop a measurement roadmap inclusive of metrics and measures that are linked to the strategic and mission-critical goals of the business or organization. The outcome of this process is a strategic plan and tactical measures focused on enabling the organization to manage software development using objective data of actual progress and value delivered.

Overview

A series of consulting sessions provide and guide participants to the fundamentals in establishing a line of business wide objective data based measurement program for an IT organization. Today's enterprises are very large and complex therefore the roadmap process has to be applied to a reasonable segment of the business. This is suitable for any IT domain such software engineering, data center operations, networks and networking and communications. Participants will learn:

- The value and benefits of measurement to the organization
- Key steps to successful measurement and metrics
- Identification of key strategic and tactical indicators for management
- A model of interactive cooperation with stakeholders
- What gaps exist between current measurements and future goal driven measurements
- An implementation strategy for a specific business domain that is time-boxed

This curriculum prepares participants to perform software performance management using metrics and measurement. The curriculum is composed of sessions with planned work outcomes. Knowledge transfer and skill acquisition is an additional and intended by-product of the process. Participants who have traveled this roadmap should be able to repeat the process for other lines of business on their own. Further DCG support would be optional.

This curriculum does not provide skill specific training such as cost estimation, function point counting, industry data based performance profiling or benchmarking. These are provided separately.

Who should Participate

- Software Development professionals, managers and leaders involved software projects.
- Assessment, Evaluation and other appraisal teams intending to review software projects.
- Software engineering process group members involved in software process improvement

Prerequisites

Participants must have knowledge of software engineering and management including some exposure to software measurement methods, terms and techniques.



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Process Descriptions

Detailed process descriptions of each step in this roadmap are provided separately. This roadmap's core benefits are accessible to all type of organizations. However, this roadmap process is also designed to be adapted and tailored as needed to meet client needs.

To find out more about how this roadmap process can help your organization, pricing and availability, contact us at 610.644.2856 ext 28 or e-mail us at info@davidconsultinggroup.com



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