

With
DCG
Consulting,
the
difference
is
measurable

The David Consulting Group

Achieving Software Excellence

2005

Services
Summary

The David Consulting Group

Software Process Improvement

- SCAMPI Appraisals
- CMMI ARC Mini-Appraisals
- Planning and Implementation
- Facilitation
- Fast-Track Approaches
- CMMI-Compliant Process Assets
- Performance Modeling
- Identification of Best Practices

Software AD/M Measurement

- Software Delivery Metrics
- Function Point Analysis
- Measurement Program Development
- Industry Benchmark Data
- IT Performance Benchmarking
- Identification of Best Practices

Enabling Software Excellence through Consulting and Training

www.davidconsultinggroup.com



Software Process Improvement CMMI® SERVICES

The David Consulting Group, Inc. (DCG) provides the leadership and expertise necessary to assist organizations in the successful deployment of a Software Engineering Institute's Capability Maturity Model Integration® (CMMI®) based process improvement strategy.

DCG's proven experience supports fast-tracking to achieve the CMMI® level you need for your business to succeed. DCG provides a rich set of services including:

- CMMI® Level Gap Analysis Assessment
- CMMI® "Fast-Track" Action Planning
- Orientation and Awareness Training
- Process Area Consulting Support
- Process Performance Modeling
- SCAMPISM Appraisals
- CMMI® "Micro-Appraisals"

DCG helps each client establish their own unique CMMI® path to achieve a higher maturity.

Clients can choose to "**fast-track**" their process improvement initiative by engaging DCG to rapidly advance them to Maturity Level 2 or Level 3. In organizations where Level 3 has already been successfully established, DCG can support continuous improvement to advance to Levels 4 and 5.

Fast-tracking is enabled by DCG's experience and proven CMMI® Process and Training Set. It is readily adaptable to your environment, culture and preferences.

To read more about the process and training set, turn to page 2...

Software Measurement Services



The David Consulting Group (DCG) is the industry leader in Software Application Development and Maintenance (AD/M) Measurement,

helping organizations define, measure and evaluate metrics to meet crucial business objectives and goals. We help you measure success.

DCG provides a full range of services including:

Software Sizing - DCG is the industry leader in *assessing the size and complexity* of your software deliverable using Function Point Analysis. We provide counting support, validation/audit, mentoring and baselining services. To ensure the accuracy of your function point counts, our instructors and consultants are Certified Function Point Specialists with significant industry experiences, who also serve in leadership roles within the International Function Point Users Group (IFPUG).

Software Estimation - DCG assists and teaches project managers and business analysts *accurate and timely estimation techniques* for all types of software development projects. We can provide the estimates or train your staff on the principles of accurate system sizing.

Performance Benchmarking - DCG helps organizations develop quantitative and qualitative performance benchmarks to measure critical success factors. DCG's performance benchmark model is adaptable to CMMI® and non-CMMI® environments.

To read more about software measurement, turn to page 2...

The DCG Way

To secure our clients' business success through improved software process performance by the identification and implementation of best software practices

To shape advances in industry knowledge regarding performance measurement and best software practices for our client's benefit

To compile and utilize metrics that support software organizations in achieving software excellence through software process improvement

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Services
Summary

CLIENTS

Fortune 50

General Motors
Ford
Citigroup
IBM
Bank of America
JP Morgan Chase
Dell Computer
MetLife
AT&T
Microsoft

Financial Services

Citigroup
Capital One
Bank of America
MetLife
ING/ING Direct
JP Morgan Chase
Fidelity National
AFLAC

Government

Northrop
Grumman
US State Dept
State of Florida
Federal Reserve
FAA
US Navy FMSO
Comp Sci Corp
General
Dynamics

International

DBS Bank
Cemex
Wolters Kluwer
Deacero
AXA China
Vitro
ING/ING Direct
Neoris

DCG CMMI® Process and Training Set

The Process and Training Set covers several integrated areas including: **Management, Organization, Configuration Management, Software Quality Assurance, Engineering Practices, Inspections and Organizational Training.**

The *basic* Process Set *can be optionally customized* to satisfy individual client situations. For each category we can provide, as appropriate, the following template assets: Policy, Procedure, Checklist, Guidelines, Rollout Material, Tools and Metric Profile.

DCG has a *basic* Training Set that has been developed and used successfully to advance CMMI® maturity. Training *can be optionally customized* to accommodate individual client situations.

DCG CMMI® Micro-Appraisals provide high ROI targeted process improvement

DCG's CMMI® Micro Appraisal is an easy to use method to begin process improvement without breaking the bank or trying to implement a New World order in your company.

DCG Micro-Appraisals are tailored to focus on one or two specific process areas. You don't need to invest in a full blown appraisal process to identify and to begin making improvements in your development practices. Often times organizations know anecdotally what key areas need improving.

By leveraging a DCG Micro-Appraisal your organization is provided with substantive findings and fact-based recommendations that can target improvements in high impact process areas.

Targeting the scope to just one or two process areas means that the cost is less and the disruption minimized. Our Micro-Appraisal is a one-day event consisting of morning interviews and document review and a mid-afternoon briefing where the findings and recommendations are discussed and delivered.

DCG Industry Data

DCG leverages our extensive industry database of 8,740 software development projects and 6,330 maintenance support applications (from 2001-2004) to help businesses answer key performance questions. How productive are my teams? What works? What does not? Are we getting to market on time? How can I reduce costs and increase profits? How do we measure up with our peers and competitors?



Software Measurement Matters from page 1...

Function Point Training - DCG provides the most comprehensive training in Function Point Analysis. All courses incorporate **professional training** techniques with hands-on counting practice exercises and case studies.

World Class and CMMI® Compliant Measurement Programs - Whether you are implementing CMMI® or embedding best practices, you can rely on DCG's Measurement expertise. Our model for developing a world class measurement program successfully positions organizations to make more effective decisions regarding the use of tools and best software practices. Furthermore, our model is CMMI® Compliant.

QUICK FACTS ABOUT DCG...

DCG is an SEIsm Approved CMMI® Transition Partner with on-staff SCAMPIsm lead appraisers and several teams of experienced consultants trained and ready to facilitate your success.

DCG is the leader in Function Point Analysis. DCG has fourteen Certified Function Point Specialists (CFPSs), who have been certified by the International Function Point Users Group (IFPUG).

DCG is a Practical Software and Systems Measurement (PSM) Transition Partner.

DCG supports a diverse mix of clients, including automotive, aviation, banking, chemical, computer hardware & software, e-business, financial, insurance, investment banking, government, manufacturing, medical, retail, telecom and utility & energy services.

DCG consultants are some of the most experienced, best trained professionals in their fields. Invited on a regular basis to speak and teach at conferences and symposiums, DCG consultants are sought after subject matter experts with real world practical experience.