

GOVERNMENT DEPT.	CHALLENGE	SOLUTION	OUTCOME
US Social Security Administration	Standard CMMI process improvement appraisal methods inadequate for SSA environment. A tailored appraisal methodology better serves the IT community in advancing process maturity.	DCG adapted CMMI appraisal methods to the SSA environment working with the SSA process community. DCG led the creation of an internally compatible appraisal method and techniques that could be used by internal SSA appraiser's enterprise wide.	The SSA was able to develop in-house, cost-effective appraisal processes diagnostically more accurate than standard appraisals. This accelerated process improvement momentum with each performed appraisal.
US Dept. of State	Software development performance of the International Information Programs-Bureau of Educational and Cultural Affairs (IIP-ECA/IT) in the Department of State required significant improvement to meet internal customer needs. CMMI advancement towards Level 2 and 3 was established as a strategic objective.	DCG provided SCAMPI appraisal and process area consulting support to the software development group.	Successful Level 2 and Level 3 SCAMPI B assessments provided gap analysis information to guide continuous process improvement efforts. Performance gaps were closed in multiple process areas based on these results. Progress towards achievement of CMMI maturity levels is on-going.
US Dept. of Veterans Administration	Software sizing of application development efforts was being captured in independent locations and files and not accessible to the entire software development community.	DCG provided multiple licenses of the Function Point Workbench Enterprise Repository tool.	An enterprise repository of software sizing information is now available with the consistent use of a single type of tool.
US Agency of Int'l Development	The Egyptian IT community required education and training to advance practitioner skill and country capability.	DCG provided on-site training and coaching (Cairo, Egypt) in advanced software sizing and estimation practices.	Leaders in the Egyptian IT community, academia, government and industry, improved their baseline skills sets for the betterment of their country.
US Navy FMSO	The US Navy Fleet Material Support Office Application Management function required consistent lifecycle metrics on legacy logistic applications.	DCG provided function point counting outsourcing support including industry data benchmarking and analysis.	The FMSO improved application management of key legacy logistic applications. Visibility into performance of the Application Management function was available to Senior FMSO management.

NAVAIR	<p>The NAVAIR software development group required education and training to advance software sizing skills to support their mission.</p>	<p>DCG provided on-site training and coaching (Jacksonville, FL) in advanced software sizing and estimation practices.</p>	<p>Project manager, Project leaders, developers and business analysts improved their software sizing and estimation skills to better perform their NAVAIR mission.</p>
US Marine Corp Logistics Command	<p>The USMC LC was advancing to CMMI Level 3 maturity. However, obstacles to progress in the measurement and analysis (M&A) process area slowed advancement.</p>	<p>DCG provided a CMMI Level 3 Measurement workshop providing training and education on the policy and procedural aspects of Level 3 measurement and metrics.</p>	<p>THE USMC LC command was able to progress development of the M & A process area in anticipation of a SCAMPI appraisal.</p>
FAA	<p>The FAA software development group required education and training to advance software sizing skills to support their mission.</p>	<p>DCG provided on-site training and coaching (Washington, DC) in advanced software sizing and estimation practices. This included training and configuration of the Function Point Workbench Repository tool.</p>	<p>Project manager, project leaders, developers and business analysts improved their software sizing and estimation skills to better perform their FAA mission.</p>
Federal Reserve Bank – NY	<p>The Federal Reserve Bank of New York continuous improvement programs required review and enhancement of its software development metrics program and objectives.</p>	<p>DCG provided a thorough review of the metrics program including objectives and statistics for similar organizations, along with recommendations for improvements.</p>	<p>FRB-NY adopted key recommendations to enhance and improve their metrics program. DCG sized the projects and used industry data to estimate appropriate ranges of effort, calendar time and quality. Federal Reserve were able to manage expectations better going forward for similar projects Federal able to better decisions on requirements and expectations for performance on future outsourced projects.</p>
Federal Reserve Bank – DC	<p>The Federal Reserve Bank needed independent cost estimation analysis of two soon-to-be released software development RFPs</p>	<p>DCG provided a thorough review of the software costs, using industry benchmark data and software sizing based on function points.</p>	<p>FRB-DC was able to secure competitive bids and save on tax payer expenses.</p>

