

PROCESSMAX 2i AND 3i

The Capability Maturity Model® Integration for Development (CMMI-DEV®) provides a process improvement framework focused on software engineering and systems engineering.

processMax 2i and 3i include all the necessary policies, procedures, guidelines, criteria, templates, and forms in role-based, step-by-step instructions, ready for use — everything you need for compliance with the CMMI-DEV at Level 2 and Level 3 respectively. Integrated with robust document management, workflow, and automated measurement and reporting, processMax is the intranet web-based solution for effective and efficient management of your software or systems engineering projects.

processMax includes detailed step-by-step procedures, written from the point of view of each project manager and team member. For each step of every procedure, processMax provides clear instructions that are integrated with one-click access to the latest versions of all project documents relevant to that step. This integration of procedures with the project's document repository ensures that the procedures are followed, not collecting dust in binders on shelves.

processMax enables you to start operating in compliance with the CMMI immediately! We guarantee that organizations using processMax will not fail a formal appraisal led by an independent SEI-licensed appraiser.

Centralize Project Management

Today's software and systems engineering environments are decentralized. The powerful capabilities that engineers now have on their desktops have reduced management insight into development projects. Now, with processMax, you can harness these capabilities with intranet web technology to provide effective and efficient visibility into your projects. All project documents, reports, memoranda, change requests, etc., are maintained centrally along with status and process history, facilitating visibility by all management and project personnel.

Automated Compliance Mapping

processMax demystifies SCAMPI appraisals by providing an automated mapping between the CMMI, the step-by-step procedures, and the document repository. For each CMMI Practice, an appraiser can instantly locate the supporting processMax procedures, and can similarly access the relevant documentary evidence that demonstrates that the procedures are being performed. Appraisers have found that organizations using processMax can be assessed far more quickly and efficiently, thereby reducing the cost and subjectivity of appraisals.

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PROCESSMAX 2i AND 3i CONTINUED

Achieve Compliance Now

Organizations using processMax can achieve CMMI compliance in months, not years. Statistics collected by the Software Engineering Institute show that organizations have required, on average, nearly two years to achieve Level 2 and an additional two years to achieve Level 3. Statistics are not yet available for the average time taken to achieve CMMI compliance but it is reasonable to believe that organizations will take at least as long as for SW-CMM due to the greater complexity of CMMI. With processMax, your organization can start operating in compliance with the CMMI immediately, and typically can generate sufficient evidence of compliance in a matter of months.

Eliminate Process Definition and Modeling Activities

With processMax you bypass the process definition and modeling phases required with traditional process improvement methods. processMax eliminates the time and the expense required to develop your own processes through endless process definition meetings. With processMax, you install processes and procedures that are guaranteed to be CMMI-compliant. Then, as your organization uses the processes and procedures, you can customize and tailor them as required to meet your specific needs.

Integrate Process with Day-to-Day Work

processMax provides step-by-step procedures combined with document management and automated workflow. The process is thus fully integrated with the day-to-day work of your managers and developers, unlike traditional binder-based procedures.

Obtain the Benefits of Proven Processes

With processMax you operate in compliance with the CMMI, and as a result, obtain better estimates of cost and schedule, increase productivity, enhance management visibility, reduce defects, and reduce risk. pragma Systems knows this first hand — we use processMax ourselves and are a Level 3 company, as determined by two independent SEI-licensed Lead Evaluators.

Automate Measurement and Reporting

processMax automatically records detailed measurements of progress, status, and quality in the on-line Measurement Repository. processMax generates reports in both graphical and tabular form, providing managers with real-time insight into project and organizational performance. This measurement capability is fully customizable: organizations can define additional measures and reports for automated collection and display by processMax.

pragma Systems has been in the software process improvement and assessment business since 1990, and is the market leader in project management systems that comply with the Software Engineering Institute's Capability Maturity Model Integration® (CMMI). pragma Systems was one of the first companies licensed by SEI to perform software process assessments. pragma Systems uses its own products and is a CMM Level 3 development company, as determined by two independent SEI-licensed Lead Evaluators. processMax and related services are on the GSA Schedule.

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