PEDCO
Applied SAFe®

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MAPPING REFERENCE MODEL TO AGILE METHODOLOGIES

Map defined reference models to agile methodologies

Most companies in the regulated sector have defined processes. PEDCO - Managed Process Services can transform existing processes into a model.

The mapping of defined reference models like Automotive SPICE, CMMI, CTR-180 (FDA), ISO 9000 and many more to agile methodologies is a challenge if you do not have deep knowledge of agile frameworks. We support you in the transformation of your existing processes into an agile methodology while staying compliant with your given standards.

Services

- Transfer of existing process descriptions into a process model.

- Checking of existing processes for formal correctness including a report.

- Adaptation, improvement according to the instructions and specifications of the customer.

- If desired, the process can be mapped to a reference model and thus regulatory requirements can be met reliably and verifiably.

- Definition, inclusion and implementation of the processes in a rule-compliant framework according to the instructions and specifications of the customer.

- Installation of tailoring and variants of a process based on jointly developed criteria.

Your Benefits

- Shorten engineering time for your individual agile product development method within given regulatory constraints.

- Extend your existing and proven processes with validated best practices from the global agile community.

- Optionally benefit from the already available solution Applied SAFe, a comprehensive and customizable implementation of the Scaled Agile Framework (SAFe) as a process model.

- Regulatory requirements can be reliably and verifiably documented via mapping to the required reference model. Tailoring makes it possible to create process variants easily and without intervention in the system and still meet regulatory requirements. This results in great freedom in the correct application of the processes.

Cost

- Varies depending on the project

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Compliance Referencing

Single and multiple models can be referenced simultaneously, in particular existing process models can be referenced to new reference models. This allows to use processes as before and to prove a traceable compliance with new regulations.

Linking of activity and compliance model allows efficient checks. Different models can be referenced simultaneously.

Map standard requirements... ...to defined process assets

...and identify gaps.

Unnecessary elements are removed from the processes, overhead is eliminated Required elements are used and - if necessary - adjusted

Compliance is ensured. All instances of e.g. countries, departments or project networks are based on the same model.
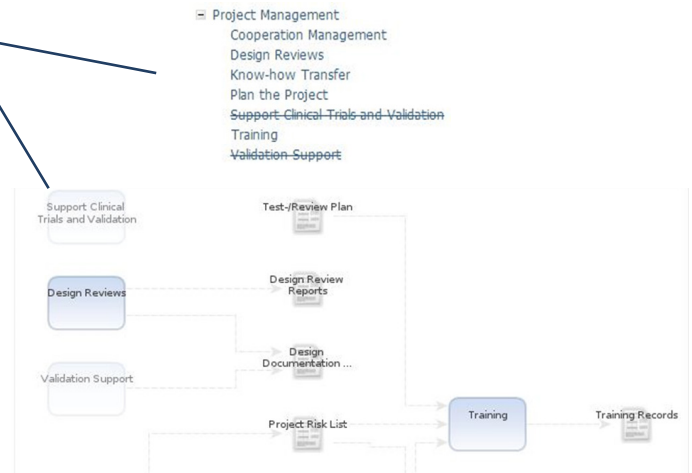
Gap Analysis between Process and Compliance Requirements

Example given with CMMI 1.3 continuous and standard process model

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PEDCO Lifecycle Services

PEDCO Lifecycle Services support you in all aspects of assessment, creation or adoption of your existing development processes and their management. They serve to manage, create and continuously develop the processes offered to the customer.

Lifecycle Services «in a nutshell»

- Process Fitness Check: With the Process Fitness Check, customers receive a review/assessment of their current process landscape at fixed costs. The check provides information about possible weaknesses or improvement possibilities.

- Process Takeover Service: Existing processes of a customer are taken over, revised if necessary and operated at least in the Basic Process Service. If required, the core members of an existing team can also be taken over. With such outsourcing, the loss of know-how is minimal and the training period is short.

- Improvement Service: Real experiences from projects are recorded as best practices and made available for all projects of a customer. This service also includes the corresponding request management for change requests.

- Process development service: Processes are developed completely new or based on existing standard models. These are then transferred to the Process Service and operated.

- Process Workshop: In a two-day workshop we discuss with customers their process landscape and also discuss/moderate the SWOT analysis.