Multi-model Process Improvement

An approach that provides organisations a significantly increase of their productivity and products quality.

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GENERAL FEATURES

Multi-model Process Improvement is oriented to support organisations to implement a transformation program with the purpose to install efficiency into the Software Systems construction and maintenance process, using as a reference best practices validated by the software industry.

The objective is to help our clients to transform their project management and control, software systems engineering and IT service operations into efficient and predictable processes to increase their construction productivity.

Our professionals have been offering for the last 15 years training and consultancy services in a range of technologies and tools in different domains. During this time they have trained over 4,000 professionals in more than 800 organisations in over 30 countries. These services are provided by expert consultants with experience in the practical implementation of these subjects in different organisational contexts.
CONTENTS ITINERARY

Model Based Process Improvement initiatives are conducted via our “Services Framework”, a customizable and proven approach that ensures a solution based on one or more models that address the business needs of the customer.

A typical project based on the Service Framework has the following phases:

1. Initial Diagnosis and plan. Consists in establishing the business objectives and the improvement goals, based on analysis of current situation of the organisation. An improvement plan is established to cover the gaps.

2. Training. The team is trained with our catalogue courses or adhoc ones in the reference improvement models to be used.

3. Improvement implementation. Our consultants define and support to deploy the actions defined in the improvement plan.

4. Final Evaluation. It is a complete assessment to validate the achievements with respect to business objectives and sometimes involving a certification.

Multimodel Improvement Approach can include these standards/models:

- Agile (Lean Software Development, SCRUM, KanBan, Scrumban, XP, RUP, etc.)
- CMMI - Development, Services, Acquisitions
- Specific domains standards
- Automotive Spice
- ISO 15504, ISO 20000, ISO 25000, ISO 27000
- ITMark
- IREB

PRODUCT BENEFITS

- Increase the Productivity of the teams.
- Increase development capacity: incidences, requirements, management, times, etc.
- Reduce probability of budget overrun.
- Improvement of estimation methods and project planning.
- Increase (internal and external) client satisfaction.
- Transparency in managing providers and in the acquisition process, creating a common language for suppliers and clients.
- Differentiation in the marketplace due to the Implantation of Statistical Process Control and Process Performance Models.
CONSULTANCY AND TRAINING

Our consultants are specialised in ensuring the increase of the productivity, products and services in an organisation. They have been specific domain experience helping companies to be more competitive through the improvement of their software systems engineering processes.

Our Team use an extensive models/standards and technology knowledge for coaching improvement programs.

The main capacities of our consultants are focused on:

- **Software Systems Development and Services**
  - Quantitative Management
  - Requirements Engineering
  - Specialized Consultancy in Estimation techniques and project Management
  - Systems’ Verification and Validation

- **Quantitative Management**
  - Problem solving and saving money by applying Quantitative Management in an organization
  - Six Sigma for IT based services

- **Architecture geared towards services**
  - SoA and SaaS
  - Strategic Business Consultancy on the benefits of migrating existing applications to SaaS delivered through Cloud technologies. Including calculation of costs and ROI.

- **Industrialising Software Development**
  - Re-use
  - Model Driving Engineering (ADM, MDA)

- **Security and Trust**
  - Security for the digital Business