

Case Study

Product Engineering Process Review

Cúram Software

Client

Industry:

Software Vendor in Health and Human Services, providing ERP style case management solutions.

Description:

Cúram is a leading software product development vendor, specializing in case management solutions, which meet the needs of health and human market. It focuses on delivering enterprise solutions that integrates human services, labor, health, and social security.

Sponsors:

Chief Executive Officer (CEO)
Chief Technology Officer (CTO)
Executive Vice-president of Product Engineering.

Challenge

The client required and independent assessment of their internal processes for product engineering, in order to increase productivity and security across the organization.

Approach

The client's challenge required a detailed assessment of the product engineering processes, through the assessment of existing metrics, sizing of software in function point terms, assessment of competitor organization structure, assessment of process maturity for the incumbent department.

The approach demanded an initial scoping discussion with the executive team, followed by data gathering, comparing results with best practices, a gap analysis, and a review of competitor organization structure for a leading competitor (SAP).

Associates:

Paul Michaels, Metri Measurement Consulting.

Project Definition

Key Objectives

- Independent assessment of incumbent processes against the capability maturity model (CMMI).
- Organisation design review.
- Assessment of existing management metrics for product engineering.
- Sizing of existing software in function point terms.

Deliverable

- Detail review and recommendations regarding best practices and improvement opportunities.
- Assessment and Gap analysis of the product engineering processes against CMMI.
- Identification of gaps in the process training plan for employees.

Benefits and Outcomes

Actionable advice

- Identified gaps of Training Plan for employees, in the Product Engineering division.
- Documentation of gaps within existing processes.
- Best practice model of typical metrics used in an “agile” development.
- Software functional sizing model.

Final Impact

- Enhanced set metrics for the Product Engineering Division.
- Improved awareness and appreciation of consequence of process maturity.
- Identified gaps in process training.
- Provided feedback on existing organization design for product engineering.

Testimonials

“Stanian Limited provided a thorough independent assessment of our processes and management metrics for product engineering, along with a functional sizing of software solution, with pragmatic actionable advice.”

Chief Technology Officer (CTO)
Cúram Software