IBM PLM Relational Product Development strategic roadmap

Optimising business process performance

Highlights

- *Allows businesses to quickly reap measurable benefits from advanced RPD capabilities*

- *Maps the main business drivers to specific RPD technologies for enhanced product innovation*

- *Uses proven methods to deliver an RPD implementation path, minimising cost and risk*

- *Includes interactive workshops and interviews to determine a client-specific RPD route.*

PLM optimisation

Product Lifecycle Management (PLM) is a journey. As with any journey, significant advantages can be gained from using knowledge acquired by others who have already travelled that path. Learning from their experiences, you can avoid wrong turns, dead ends, and wasted time and effort, to complete the journey faster, more easily and with less risk.

The journey towards an optimised PLM system should be a well-planned series of measurable successes. Analyst firm CIMdata states: "You want your PLM vision and mission to identify what is possible, and then define small steps along the way that keep you heading toward that vision."[1] One key step to achieving that vision is a successful implementation of IBM PLM Relational Product Development (RPD).

Proven methods

Working with clients and partners, including Dassault Systèmes, IBM now has the ability to capture and structure design knowledge and data to enable the rapid creation of innovative products with new levels of competitive advantage.

Using knowledge and experience from working with a number of clients, IBM has developed capabilities to work and deliver a series of proven improvement steps. This enables companies to quickly and easily take advantage of advanced RPD capabilities for quantifiable business benefits, with minimum cost and risk.

The steps are based on proven methods, and an approach that aligns a company's business drivers and financial objectives to specific IBM PLM technological capabilities delivered using an IBM RPD framework. The result is the ability to redefine and deliver transformational product and process innovation capabilities within a company.

Roadmap development

The RPD strategic roadmap is developed through a series of interactive workshops and on-site discussions with a company's staff. Data is gathered to assess the current status or position of a company against an RPD framework model of the capabilities required to support RPD.

In addition, information is collected to establish the end state required to meet and support the business objectives. This includes financial, organisational and technical capabilities.

Finally, analysis determines a client-specific route, including a step-by-step plan with associated cost/benefits mapping to achieve the desired outcome.

Improvement path

To ensure a clear transformation, an RPD roadmap report is created. This details the improvement path and recommends a prioritised and sequenced series of steps for business improvement according to a company's specific requirements.

The report includes a detailed assessment of requirements for new technologies, education, training and other capabilities necessary to achieve successful implementation and rollout of an RPD project. In addition, a customised and detailed report is presented, including capability findings and conclusions, as well as guidance to proceed with an RPD implementation.

RPD strategic roadmap overview

An RPD strategic roadmap delivers:

- *A clear statement of the main business process to be improved through RPD implementation with a detailed plan of how to proceed*
- *A detailed mapping of the main business drivers to the RPD capabilities required to meet those goals aligned to a detailed cost/ benefits analysis*
- *A definition of the main capabilities required and a plan to take advantage of these through the identification and selection of appropriate solution components for a client's business*
- *A reduction in the risk associated with implementing advanced technologies by taking a proven improvement path and using lessons learned to avoid pitfalls – a shortcut to success.*

For more information

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