

# IBM PLM Relational Product Development capability and needs assessment

*Identifying Relational Product Development requirements*



## Highlights

- **Assesses current and desired engineering domain capabilities**
- **Demonstrates gaps between current engineering domain capabilities and the IBM PLM RPD solution framework**
- **Includes an optional strategic financial business case estimation**
- **Identifies the benefits of implementing an IBM PLM RPD solution framework.**

### Understanding RPD requirements

To effectively determine where you are going, you need to know where you are now. IBM Product Lifecycle Management (PLM) Relational Product Development (RPD) is designed to be flexible and adaptable to suit individual companies' specific requirements.

IBM PLM RPD is not a one-size-fits-all solution. It is critical that a company's RPD needs are fully understood – before creating a strategic roadmap to follow through to implementation. In the IBM PLM RPD phased implementation process, this is done with a capability and needs assessment.

IBM PLM RPD is facilitated by strong executive sponsorship within a company to achieve the commitment level required for change. The consultative focus of the capability and needs assessment helps a company's executives and senior management to realise the business and financial potential of an appropriate IBM PLM RPD investment.

### The IBM approach

During the capability and needs assessment, IBM will use a predefined set of product development practices to assess a company's current tools and processes. This helps establish a compelling recommendation for a transformation plan that is economically feasible and achieves the required business objectives.

### The IBM PLM RPD framework

Companies implementing IBM PLM RPD need a standard, or framework, against which they can gauge their requirements. IBM provides a framework for RPD, enabling companies to assess the current and desired states of their engineering domain technology environments.

Product development and general company data is gathered via executive interviews and workshops. The workshops involve a multi-level technology assessment. IBM then performs an analysis of the company's data, consolidates the data, and analyses company requirements against RPD solution gaps. This process is flexible, and can be adapted to accommodate a company's specific business environment.

#### **The IBM PLM RPD capability and needs assessment includes:**

- *An RPD business analysis report with details of the potential time, cost, quality and innovation benefits that an IBM PLM RPD solution could provide*
- *An optional strategic-level financial business case to determine the potential return on investment (ROI)*
- *A customised report delivering capability findings and conclusions, with guidance on how to proceed to IBM PLM RPD strategic roadmap development.*

#### **Benefits of the IBM PLM RPD capability and needs assessment:**

- *Companies gain awareness through explicit documentation of their current PLM engineering domain. This is based on a high-level assessment of aspects associated with deploying an IBM PLM RPD solution, including:*
  - *Organisational and cultural aspects*
  - *Business processes*
  - *Technology architecture*
- *Documentation of the client's required PLM engineering domain*
- *Establishment of gaps relative to the IBM PLM RPD solution capabilities matrix*
- *Identification of the potential benefits of developing an IBM PLM RPD solution environment*
- *Development of an IBM PLM RPD strategic roadmap based on the IBM PLM RPD solution framework (methodology).*

The IBM PLM RPD capability and needs assessment is designed to help companies understand and evaluate the potential for IBM PLM RPD solutions to improve their engineering business performance.

#### **For more information**

Please contact your IBM Representative, IBM Business Partner, or visit the IBM PLM Web site at:

**ibm.com/solutions/plm**



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