SEVEN Reasons

When and why to choose IBM Engineering Lifecycle Management

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IBM Engineering Lifecycle Management is best-in-class for Systems Engineering, ALM and DevOps at enterprise scale
IBM Engineering Lifecycle Management is the most comprehensive solution enabling consistent work across various domains

**Engineering Requirements Management DOORS Next**
Capture and structure requirements; Version, baseline and exchange

**Engineering Systems Design Rhapsody**
Model and execute software- and system architecture and behaviour

**Engineering Test Management**
Plan, execute and automize tests. Manage plans, suites & environments

**Engineering Workflow Management**
Plan and assign tasks, manage code changes, track risks and reviews

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IBM Engineering Lifecycle Management is flexible change management against a single source of truth.
IBM Engineering Lifecycle Management is preparing for the future by building a reusable linked data set.

Think of it as a corporate network for all your engineering knowledge.

Open Services for Lifecycle Collaboration

- Open standard
- Based on web technology
- Standard link types to connect artefacts

OSLC

- Trace requirements through the lifecycle
- Leverage integrated reporting capabilities
- Integrate seamlessly with any application that supports OSLC
IBM Engineering Lifecycle Management enables management of variants & versions of all engineering data like source code.

- **Branch, merge and baseline all engineering data**
- **150% Design**
  Consists of linked Requirements, Architecture, Test Cases and Code
- **Project A**
  A subset of the 150% Design for a specific customer project
- **Milestone 1**
  A subset of Project A for delivery

Reuse your changes across variants.
IBM Engineering Lifecycle Management is adhering to state of the engineering while leveraging tomorrow’s technology.

**Released for Automotive in 2019**
- **Pre-defined industry solutions**

**Value**
- Increase time to value of IBM Engineering and simplify adherence to industry standards (e.g., ASPICE)

**Provided Content**
- A Tailoring of IBM Engineering for System & Subsystem Engineering V with an agile process

**Released for Requirements in 2018**
- **Innovative features leveraging AI**

**Provided Feature**
- Use IBM Watson to analyse and improve requirements quality

**Value**
- Increase product design quality and decrease effort for manual reviews

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IBM Engineering Lifecycle Management is trusted the industry and analysts

- largest automotive companies
- top electronics OEMs
- medical device manufacturers
- largest Tier 1 automotive suppliers
- largest pharmaceutical companies
- semi-conductor companies
- major aerospace and defense companies
- Government agencies in +50 countries
Get started today

Adopt the entire portfolio or one tool at a time to manage your most critical development processes – across requirements, systems & software architecture (modeling), workflow or testing.

Get it on Premise or on cloud, users can access the solution using the web client of their choice.*

*Rhapsody Systems Design and DOORS Family are thick clients

Benefit from long-term, true enterprise support from a worldwide network of IBM experts and business partners

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