

Reliability Life Cycle Maturity Index (RLCMI)

RLCMI is a reliability framework to ensure correct reliability targets are met at lowest cost and time

How can RLCMI bring value to your organization and Customers?

- The RLCMI positioning and benchmark activities will evaluate the Customer’s maturity in reliability methods and processes
- The higher the RLCMI level achieved:
 - The lower the product development cost and time to market.
 - The more upfront reliability planning and activities are realized
 - The fewer prototypes are necessary to achieve reliability targets
 - The more accurate the Reliability Predictions

Fiducia uses it’s RLCMI approach to benchmark a company’s reliability processes against industry best practices

- Conduct benchmark at all levels of a company
- Conduct a gap analysis between your company’s process and your industries best practices
- Define improvement plan up to desired Target and related:
- Processes, Organization, Methods and Tools, Training and Skills requirements

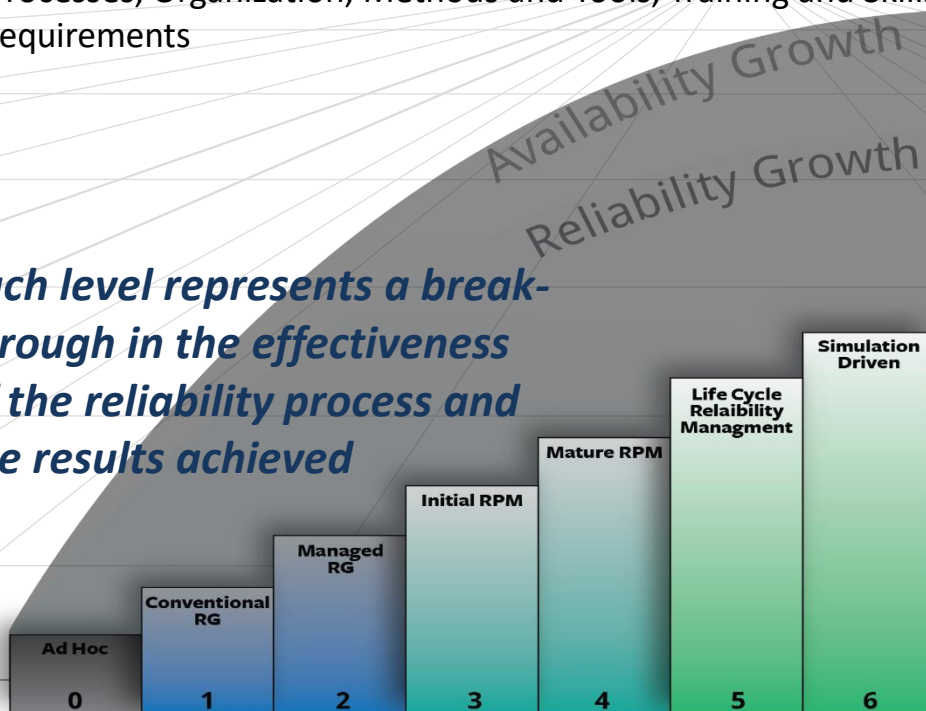
“Fiducia is a different kind of Consulting Company positioned in between Strategic Consulting Houses and Engineering Services Providers... Fiducia provides the best operational mix.”

*- Fabio Mingrino
CNH AG PD Director*

“Fiducia products and services are enabling Honda Engineering North America, Inc. to achieve our goals for time-to-market leadership. Fiducia’s project by project implementation strategy allows us to continuously measure benefit gains.”

*- Tatsuo Nagamitsu
- Division 3 Senior Manager
- Honda Engineering North America, Inc.*

Each level represents a breakthrough in the effectiveness of the reliability process and the results achieved



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The RLCMi positioning and benchmark activities will evaluate the Customer's maturity in reliability management, methods and processes

RPM LEVEL		Level Description		Level 0	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
Category				Ad Hoc	Conventional RG	Managed RG	Effective RPM	Proactive RPM	LCRM	Simulation Driven LCRM
1	RELIABILITY MANAGEMENT	1.1	Reliability Process & Organization	3.63	3.63					
		1.2	Reliability Cost	3.25	2.75					
		1.3	Suppliers Management	3.95	3.95					
		1.4	Reliability Tracking	3.56	3.06					
		1.5	Production Reliability Process and Organization	3.73	3.73					
		1.6	Training and Skills Management	2.75	2.75					
2	RELIABILITY PLANNING	2.1	Reliability Target Setting and Concept Selection	2.76	2.67					
		2.2	Tests and Activities Planning	2.69	2.60					
		2.3	Perceived Quality Target	3.25	3.25					
3	RELIABILITY PROCESS IMPLEMENTATION	3.1	Target Achieving - Proactive Activity Tracking	2.58	2.58					
		3.2	Target Achieving - Reliability Growth Testing	3.00	2.75					
		3.3	Design for Reliability	3.00	2.00					
		3.4	Reliability Testing	3.20	3.00					
		3.5	Problem Resolution	2.50	2.83					
		3.6	Engineering Change Process - Reliability Impact	2.50	2.60					
		3.7	Software and Controls Reliability	3.33	3.33					
		3.8	Product Perceived Quality Target Achieving After Market	3.00	3.00					
		3.9	Manufacturing Process	3.17	3.17					
		3.10	Manufacturing Process	2.50	2.50					
4	KNOWLEDGE METHODS AND TOOLS	4.1	Reliability Knowledge Mgmt	3.00	3.00					
		4.2	Methods & Tools to support the Reliability Processes or Design for Reliability	3.20	2.24					
		4.3	Warranty Data Management	3.40	3.40					
		4.4	Maintenance policies	3.80	3.80					
		4.5	Virtual Testing	2.90	2.90					
		4.6	Manufacturing Process	3.00	3.00					
		4.7	Test Data Management	2.25	2.75					
		4.8	Problem Solving Data	2.60	3.00					

Each Maturity Level is defined by a Reliability Process that defines not just your Current State of Maturity, but helps set the bar for future maturity growth

