IBM

CATIA Knowledge-Based Automation Solutions

KBE automation can deliver substantial reductions in design-cycle time, as well as increase design capacity and reduce labour costs.

Dramatically increase your design capacity, improve design quality and maximize flexibility without adding resources.

CATIA Knowledge-Based Automation Solutions provide you with the ability to apply the same product and process information to multiple projects. The ability to re-use IP and knowledge will improve your flexibility and dependability while also reducing cycle time, man-hours, material waste and overall cost.

IBM PLM and Dassault Systèmes can develop a customized solution based upon engineering requirements established by your organization. This solution applies a full life-cycle development process that can significantly improve your design capacity.

Delivery of the solution includes installation into your virtual design and realistic simulation environment, complete documentation, and training for administrators and end-users.

Knowledge-Based Automation provides an effective and economical means of rapidly applying PLM Engineering Process Automation into your organization. It is a solution that captures and re-uses all relevant knowledge about the product, both geometric and non-geometric.

Knowledge-Based Automation is a powerful solution that provides game-changing benefits to transform your business.

CATIA

An integrated multi-discipline product optimization process supported by a specialized work plan for your organization.

Selection & Scope

- Validate your current environment and expectations
- Confirm value, frame work and evaluation dimensions
- Confirm teams and expectations.

Specific Requirements

- Understand current practices; generate specifications
- Define first re-use scenario and validate work plan and estimates.

Analyze & Design

- Provide a prototype CATIA Knowledge-Based Automation Solution to be validated by key end-users and domain-experts.

Implement & Industrialize

- Finalize the Knowledge-Based Automation Solution
- Prepare recommendations for the process, tools, organization and knowledge.

Calibrate & Certify

- Produce end-user and administration manuals
- Train end-users and administrators
- Execute first re-use scenario, monitor and identify the value of the Knowledge-Based Automation Solution in production.

Enhance product quality, improve workflow and program coordination, reduce product cost, reduce schedule requirements and consume fewer resources.

For more information

Call 1-800-395-3339 or
e-mail cadcam@us.ibm.com

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