

Enabling Digital Thread with Mendix



Enterprises use various systems and applications like PLM, ERP, MES, CRM etc. to manage product data and have multiple point-to-point integrations to exchange data across the system. These systems can be either standard COTS product or homegrown systems. Thus, arises the need for a common platform connecting various systems/applications across the enterprise, forming a digital wire across the systems' most common functional programs - design & manufacturing engineering, program management, supply chain, production, and product support.

With digital thread task automation is achieved and functions are interconnected, integrated and linked so users can quickly access, share and manage program details across the entire product lifecycle - at any time, from any location.

Siemens Mendix is low-code no-code platform has ready to use connectors for most of the standard/COTS systems, general connectors which can be used to connect non-standard system. The capability to build new connectors enables creating a digital thread and a fabric of information connecting people with data and applications for real-time, real-world decision making.

Mendix@HCLTech



Competency & Capabilities

- HCLTech's PLM Academy focuses on Mendix competency
- Dedicated in house Mendix Competency Building Program
- 80+ Mendix certified consultants



Projects Executed

- Design & Development of engineering Applications for customers in Automotive, Aerospace, Hi-tech Industry
- Digital Transformation using Mendix Platform



Solutions & Frameworks

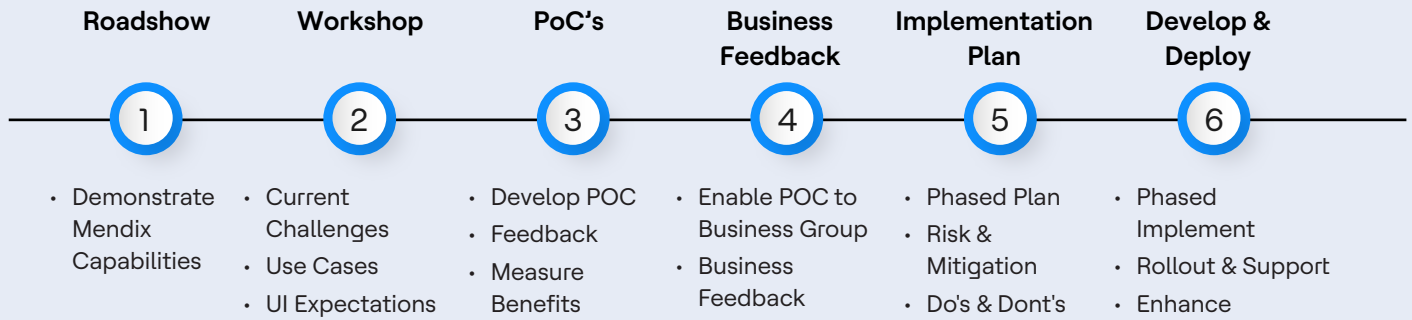
- BOM Compare App
- MI-Check : AI enabled Manufacturing Inspections
- TC-Bit : Light Weight PLM App
- MX Widget Library
- MX Domain Model Editor



Experience Center

- Help understand customers the application of Mendix Platform
- Performing PoC and evaluating Mendix as platform
- Solution Demo

HCLTech's approach on transforming to Mendix Platform



HCLTech's experience on Mendix App Development



Notification / Alert Management for Machine Safety Database for A Leading European Toy Maker

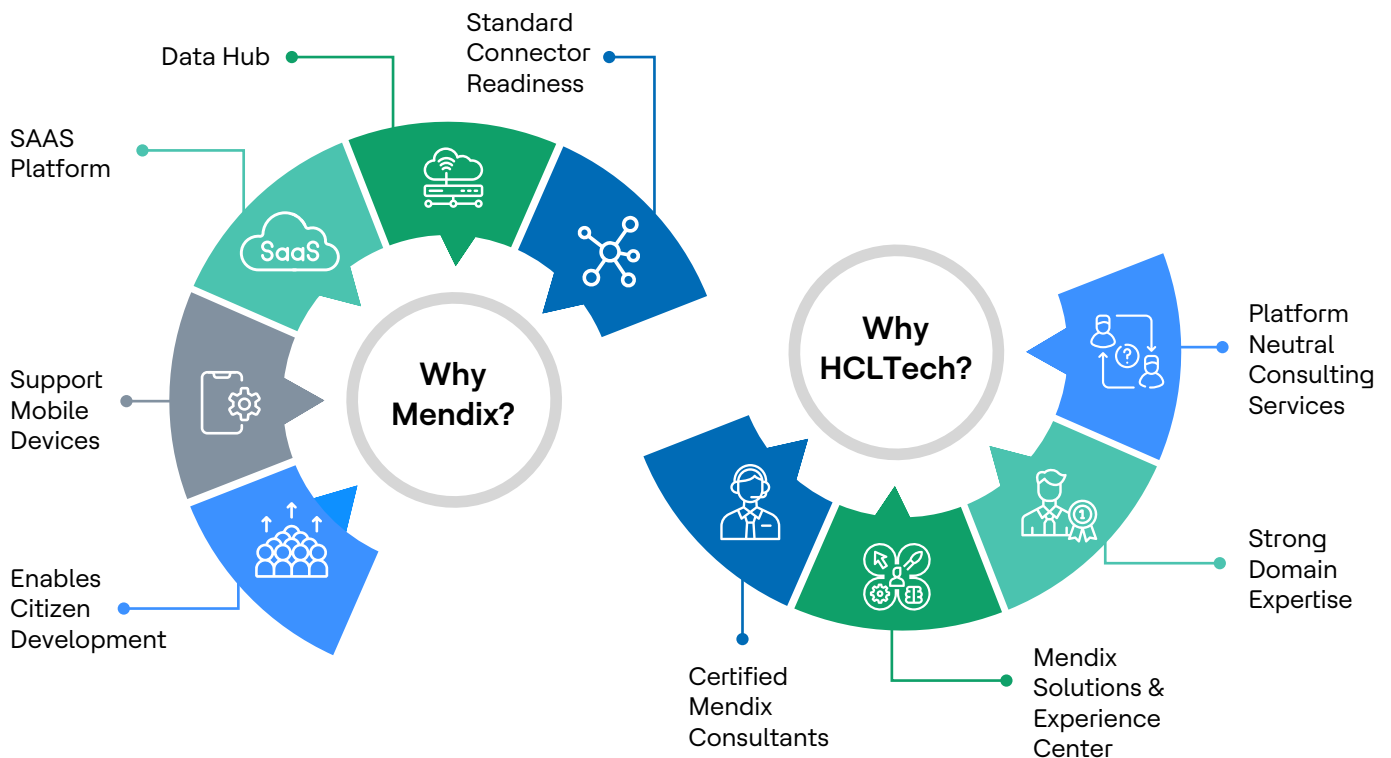


Developing Digital Thread & Digital Twin Apps using Mendix for Japanese customers in Automotive & Hi-tech Industry



Mendix based application development and validation for Leading PLM ISV

Conclusion



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