Streamlining Product Lifecycle Management with Custom PLM Software Integration

Industry: Retail & eCommerce

Client: Global Automotive OEM

The Challenge

- ✓ Design version confusion across global teams
- ✓ No real-time BOM visibility
- ✓ Delayed design-to-prototype cycles
- ✓ Compliance and collaboration inefficiencies

Our Approach

We conducted a process workflow **audit and implemented a custom PLM solution,** integrated with SAP and CAD tools. Steps included:

- ✓ PLM tool selection & customization
- ✓ Secure role-based workflows
- ✓ CAD-BOM synchronization
- ✓ API-based ERP & dashboard integration

Key Solutions

- ✓ Enterprise PLM Integration
- ✓ ISO-Compliant Collaboration
- ✓ Live BOM & Design Traceability
- ✓ Project Dashboards for Revisions & Approvals

Tech Stack

SIEMENS | windchill | SAP | SOLIDWORKS | Power BI | Azure

Impact Summary

Metric	Before	After
Design Cycle Time	~16 weeks	9.5 weeks
ECO Delays	30–35/year	<15/year
Revision Errors	Frequent	Traceable
Compliance Prep	3+ weeks	<1 week

Results at a Glance

40%	80%	50%	65%
faster design cycles	improvement in traceability	fewer production delays	cut in compliance prep time

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