



Case Study

Smart Manufacturing Solutions and Efficient Supply Chain for UK-based Modular Homes Construction Major

Client

The client is a modular homes construction company, based in the UK.

Challenges

Today's Modular Construction industry needs Smart Manufacturing with end-to-end visibility across the entire ecosystem from design to installation. Accelerated manufacturing with delivery certainty, efficient supply, and data transparency are the need of the hour. Our client was looking for a digital smart solution which will deliver:

Accelerated manufacturing with delivery certainty within 36 days

Efficient supply chain and partner collaboration platform

Scalable, futuristic architecture

LTI Solution

We helped the client by building digital core on S/4HANA to design and deliver modular homes through a connected ecosystem of designers, real estate developers, and customers. The solution was enabled by our proprietary ERP transformation platform and covered all elements across the entire value chain through:

1. Real-time integration with design and document management system for consumption of new and changed design elements and to track changes throughout manufacturing & deployments lifecycle.
2. Integrated project planning across development sites and manufacturing units to enable cohesive working.
3. Collective manufacturing strategy to enable operation efficiency, in-built process quality checks, transportation of finished modules to the site with GIS tracking, and end-to-end visibility across project lifecycle.
4. Accelerated deployments of modules with minimal construction at site.
5. IoT-based smart maintenance of homes, and customer and partner marketplace.

Our Solution Architecture with core functionalities on S/4HANA empowered to build smart homes for one of the most complex CTO/MTO business models. It enabled faster deployments, transformed user experiences, and greater visibility across entire project lifecycle.



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