

Increased efficiency through digital planning



Volkswagen

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Volkswagen is a German automobile manufacturer headquartered in Wolfsburg, Lower Saxony, Germany. Volkswagen is the top-selling and original marque of the Volkswagen Group, the biggest German automaker and the second largest automaker in the world.

Simulation has been used to increase the efficiency of vehicle body production planning and achieve increased planning requirements without adding staff. This allows planners to drag-and-drop a robot into a planning scenario where it is seen immediately within the 3D plant layout, in a faster and more transparent manner. Digital tools make possible the implementation of many optimization tools, which in turn leads to more precise data models. The study has shown that computer-simulated production planning reduced costs permit optimal use of resources and minimized problems at start-up.

Simulation and Forecasting Technology role

3D plant layout, increase efficiency, improve data models, computer-simulated production planning

Sector
Automotive

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