



Process planning tools support Volvo Cars' expansion to Asia Pacific region



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.

Engineering simulation plays a central role whenever an automotive company decide either to increase production line flexibility to support multiple car models or even for revisiting engineering processes to support operations and deliver innovative products. In this case, Volvo was able to meet these challenges because of its engineers' high level of expertise, employing a Process Simulate tool and using its offline programming and realistic robot simulation capabilities. By doing so, the company is able to generate very accurate robot programs that require only slight modifications on the shop floor.

Simulation and Forecasting Technology role

Increase production line flexibility, revisiting engineering processes, realistic robot simulation capabilities, and increase robot programs accuracy



