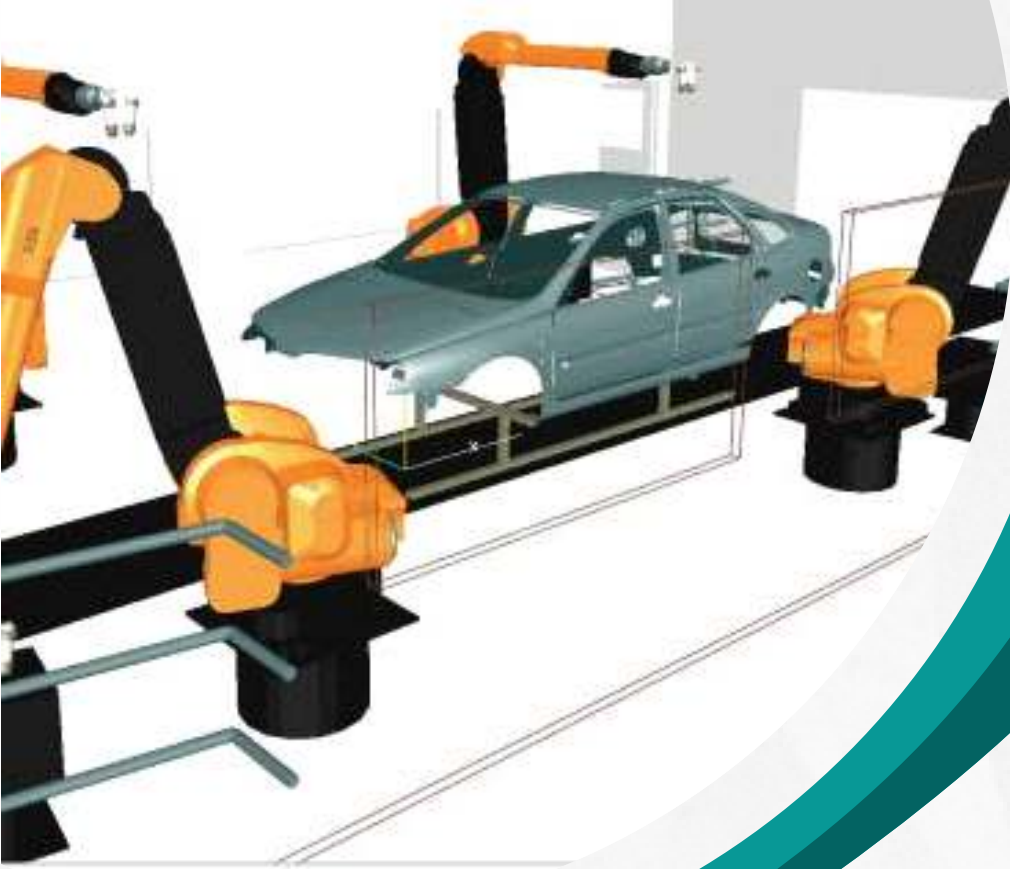# TEAMCENTER

Teamcenter powers innovation and improves productivity by connecting people with the product and process knowledge they need to effectively function in a globally oriented product lifecycle. Teamcenter's proven digital lifecycle management solutions are built on an open PLM foundation. Teamcenter is the world's most widely used PLM system. It is backed by Siemens PLM Software's leadership in delivering Global Innovation Networks that enable companies to make unified, information-driven decisions at every stage in the product lifecycle.

## Features:

► Manage the complete lifecycle of a product from ideation through retirement

► Coordinate processes across multiple disciplines in the product lifecycle

► Ensure that your teams can access the right information at every lifecycle phase

► Provide secure global access to your product and process knowledge on an anywhere, anytime basis

► Integrate systems-of-choice and their related data into your PLM environment, thereby enabling best-in-class suppliers to work in your value chain

# TECHNOMATIX ROBCAD

Tecnomatix® Robcad software enables the design, simulation, optimization, analysis and off-line programming of multi-device robotic and automated manufacturing processes in the context of product and production resources.

Technomatix RobCAD provides a concurrent engineering platform to optimize processes and calculate cycle times. With Robcad, you can design life-like, full-action mockups of complete manufacturing cells and systems. Robcad enables manufacturers to flawlessly introduce automated processes by allowing manufacturing engineers to virtually validate automation concepts upfront.

## Features:

► Increase manufacturing quality, accuracy and profitability.
► Reduce labour hours and process engineering lead time.
► Optimise development and capital investment.
► Enable better use of production equipment.
► Reduce production costs.
► Shorten ramp-up time through validated processes.
► Accelerate time-to-market.
► Interoperability with CAD systems.
► Workcell layout design and modelling.

# JACK

Jack is an advance human modeling, ergonomics and simulation tool. Jack enables you to improve the ergonomics of your product designs and to refine industrial tasks. Jack enables you to seamlessly integrate human factors and ergonomics into the planning, design and validation stages of your product lifecycle.

## Features:

► Human figures that are anthropometrically and biomechanically accurate.

► Broad set of anthropometric databases to model your user populations.

► State-of-the-art task simulation engine to generate simulations using high-level commands.

► Industry-leading human manipulation and figure control to create simulations faster and more accurately.

► Optimize your designs for friction free human interaction.

► Leverage a comprehensive suite of analysis tools for all of your physical ergonomic analysis needs.

► Effectively communicate issues and visualize potential solutions.