



Presents...

SIMUL8: Automotive Applications

Simulation services for the automotive industry

Typical Automotive Models:

- Assembly operations
- Parts manufacturing
- Inventory management & control
- Supply chain analysis

Types of problems we resolve:

- Assembly line balancing and materials handling
- Capacity and bottleneck analysis
- Plant layout and manpower planning
- Testing new product lines & space requirements

We can ensure that your plant goals are met:

- Proving product delivery capability
- Realizing your lean manufacturing initiatives
- Maximizing your throughput and ROI

Simulations range from stand-alone models to fully integrated solutions.

Responsive
to changing conditions.



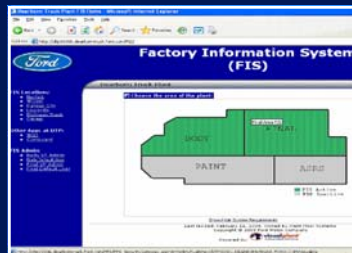
Scalable
to meet large or small
planning applications.



EXAMPLES

Manufacturer Model

FORD uses a SIMUL8-based ASP application in its Factory Information System. This integrated, server-based system can perform both line and area bottleneck analysis. It enables Ford to analyze current performance, and isolate/analyze bottlenecks. System outputs include: (1) bottlenecks in the order that they should be removed from the system, and (2) the marginal benefit obtained from removing each bottleneck.



Supplier Model

Intier uses SIMUL8 as a stand-alone system to model the production rates of its lines in order to determine required space: (1) line side, (2) for inventory in its warehouses, and (3) for finished goods. Using SIMUL8, Intier was able to determine the amount of warehouse space required for its operations, warehouse space allocation, and the placement of new lines, based on their space requirements.



We provide simulation training, software, and coaching to our automotive clients.



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