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**Discrete Event Simulation**

**Abstract**

DELMIA has been a leader in Production Simulation with the extremely successful QUEST Discrete Event Simulation Solution. QUEST has been used throughout the Automotive, Aerospace, Defense, Shipbuilding, Consumer Products and Electronics Industries. QUEST can model complex production, scheduling and material handling scenarios. QUEST has advanced capabilities to model “intelligent” labor as well as advanced conveyor and automated material handling systems. During this session we will review the typical steps that are followed to develop a successful QUEST simulation; including data requirements, analysis steps, model building techniques and reporting capabilities.