

OPTIMIZING MANUFACTURING & SUPPLY CHAINS USING DIGITAL TWIN SYSTEMS

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ABSTRACT

Systems Navigator is proud to present two compelling case studies of digital twin systems, where with the help of our advanced discrete event simulation technology, our clients have been able to save money, increase customer satisfaction and reduce risk. The first case study is about a simulation model for a new coil warehouse in the steel industry that is used for analysis & optimization of the layout. The final solution consists of a Simio simulation model, with a Scenario Navigator user interface. The second case study is about a simulation model for a live supply chain of marine shipments in the oil industry, that is used to design the supply chain, as well as predict possible future scenario's. This operational system runs on an Arena simulation model, and is operated through a Scenario Navigator user interface.