

# **DESIGN SYSTEMS, INC.**

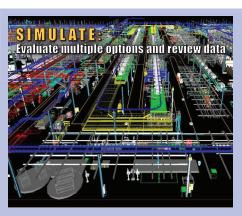
Manufacturing Engineering & Consulting

Excellence by Design

## **Industry 4.0 Begins with Digital Transformation**

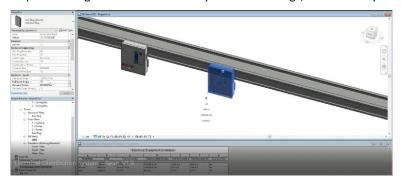


We create a digital twin – a virtual model of a plant that is accessible to all stakeholders in the enterprise. The factory floor is too expensive to use as an experimental field. Completing proposed changes and operational evaluations in the digital world, we can accelerate the ROI and Time to Market.



#### Where Are We Going?

As the manufacturing industry moves toward Industry 4.0 with the use of robotics, web-based supply chains and systems (ERP, MES, etc), the future demands of Industrial Internet of Things, Artificial Intelligence, and Machine Learning also require the digitization of the factory itself – buildings, assets and systems.



#### Transformation to SMART FACTORY

- Facilities: 2D to 3D Virtual Models / Virtual Reality
- Assets: Spreadsheets / silos to Intelligent Models
- Systems: 2D to Dynamic Models with Capacity Intelligence
- Data: Disparate sources to Single Source of Truth

## **DSI DELIVERS**

- A solid foundation for future technology.
- All plant data aggregated into a single source.
- Data accessible to all stakeholders.







### **DESIGN SYSTEMS FAMILY OF COMPANIES**

DESIGN SYSTEMS, INC. 800-660-4DSI • 248-489-4300 FARMINGTON HILLS, MI USA WWW.dsidsc.com DESIGN SYSTEMS CANADA, LTD. 519-944-8807 WINDSOR, ONTARIO, CANADA WWW.dsidsc.ca DESIGN SYSTEMS de MEXICO (011.52) 844-011-2621 SALTILLO, COAHUILA, MEXICO WWW.dsidsc.mx