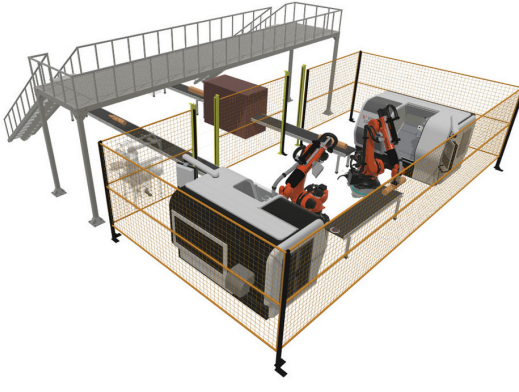
McCORMICK™
STEVENSON

A PALIGEN TECHNOLOGIES COMPANY



3D MANUFACTURING SIMULATION

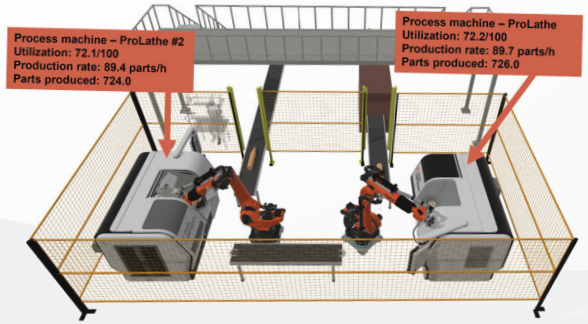
WHY SIMULATE YOUR PRODUCTION LINE?

Manufacturing simulation is a component of digital twin focused on controlling process flow. Creating a virtual production line allows you to:

- ***Simulate*** operational characteristics and identify potential bottle necks
- ***Visualize and plan*** your production floor before ground is even broken
- ***Experiment*** with scenarios to inform resource and capital investment

BENEFITS

- Inform capital expenditures
- Optimize process flow and increase efficiency
- Enable data-driven decision making
- Expedite commissioning
- Layout optimization digitally
- Enhance operator training
- Reduce change orders
- Analyze scalability
- Inform stakeholders



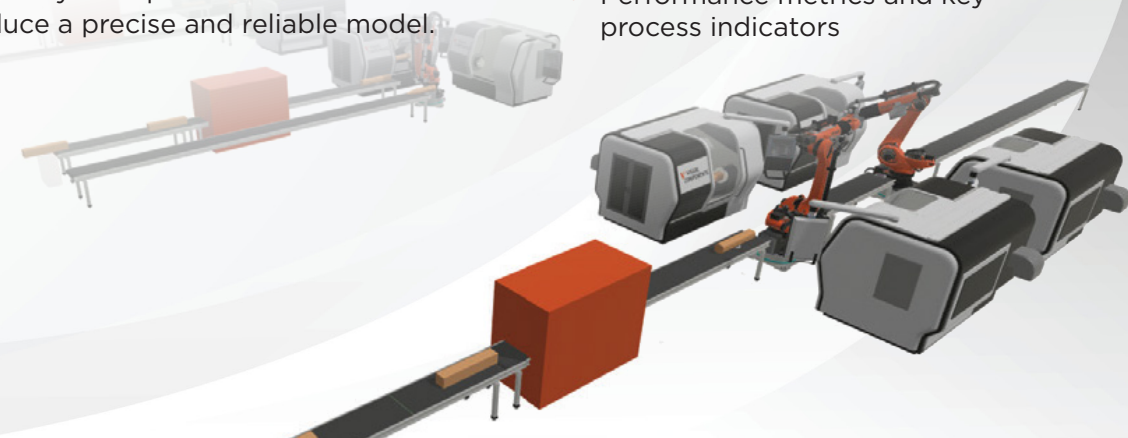
COLLABORATION

Our manufacturing simulation capabilities empower you to make informed decisions about your facilities. Whether it's a greenfield build or a modification to an existing line, our models allow you to explore options and make timely, data-driven decisions.

At the start of every project, we'll work with you to establish and collect the necessary data points to ensure we produce a precise and reliable model.

WHAT WE DELIVER

- Simulation report
- Site and facility layouts
- Process flow diagrams
- Resource allocation plans
- Production schedules
- Inventory management plans
- Cost analysis
- Risk management plans
- Performance metrics and key process indicators



McCORMICK STEVENSON™

A PALIGEN TECHNOLOGIES COMPANY

SERVING AMERICA'S HEROES, AS ONLY ENGINEERS CAN

MCCORMICK STEVENSON LLC

MAIN OFFICE
28200 US Hwy 19 N, Suite E, Clearwater FL 33761

KANSAS CITY FACILITY
60 SE Thompson Drive, Unit 15, Lee's Summit, MO 64081

PALIGEN HEADQUARTERS
4301 W Boy Scout Blvd, Suite 400, Tampa FL 33607

CONTACT US
mccst.com | 727-735-9633 | info@mccst.com