



EMULATE3D  
by ROCKWELL AUTOMATION

# Emulate3D

Save time, save money, improve performance and get to market faster with Digital Twin technologies.



**Slash lead times, cut costs! Identify and solve product and process issues in the digital world before building in the real world**

See how your machine runs before parts are ordered. Emulate3D digital twin software delivers advanced immersive capabilities that help you design, develop, present and test automated architectures and solutions and then deliver and commission them for more effectively and efficiently – on time and within budget.

Emulate3D Digital Twin technology conquers time-to-market challenges in fast-paced, short-lead-time markets. Transport plant personnel to a virtual world where they can train on systems without consequence, predict future performance, and simulate line changes.

When deployed at the design stage, digital twins can be manipulated, stressed, tested & modified, just like a physical model, but without the associated time and costs.

Cut development times and get to market faster by building better systems and improving your system productivity.

## BENEFITS



- Save time
- Save money
- Save engineering effort
- Improve quality & productivity
- Speed time to market
- Identify and fix controls issues earlier
- Test new configuration and machine design in the digital world

## MAIN TECHNICAL FEATURES



- Connect natively to a wide range of PLCs
- Support a wide range of robots
- Import existing 3D mechanical CAD models of machines and equipment, with support for a wide range of CAD formats
- Premium integration for PTC Creo Parametric, Solidworks and Autodesk Inventor with a specific Emulate3D plug-in

# SEE HOW THESE LEADING-EDGE COMPANIES HAVE BENEFITED FROM IMPLEMENTING A DIGITAL TWIN

## Autologic Systems

Gatwick Baggage Handling System: [Watch here](#)

## ProjectBinder

Life Science, packaging machine: [virtual commissioning](#), [digital twin benefits & design review](#)

## Rockwell Automation

CITM model of a contactor Line: [Watch here](#)

## Uzer Makina

Tire Machine Builder – Curing Press: [Watch here](#)

## Wayne Automation

Packaging Machine Builder: [Watch here](#) or visit the [webpage](#)

## APT Manufacturing Solutions

Test bed vial-filling cell: [Watch here](#)

## Thurne





Food & Beverage, Slicing Machine: [Watch here](#)

Click [HERE](#) to speak with our specialists.  
Discover how to easily create a digital twin of your automation system

LEARN MORE

## ADDITIONAL RESOURCES

- ▶ Locate your local Allen-Bradley distributor
- ▶ Locate your local Rockwell Automation sales office

Connect with us.    

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