

# Avoid installation setbacks

When it's time to turn your designs into reality, you don't want to depend on guesswork and assumptions to get the job done. So how can you determine if what you see on your monitor will work on the factory floor? Extending 2D workflows into 3D brings everything together. With a fully integrated factory model, you can validate and optimize while keeping budgets and schedules intact.

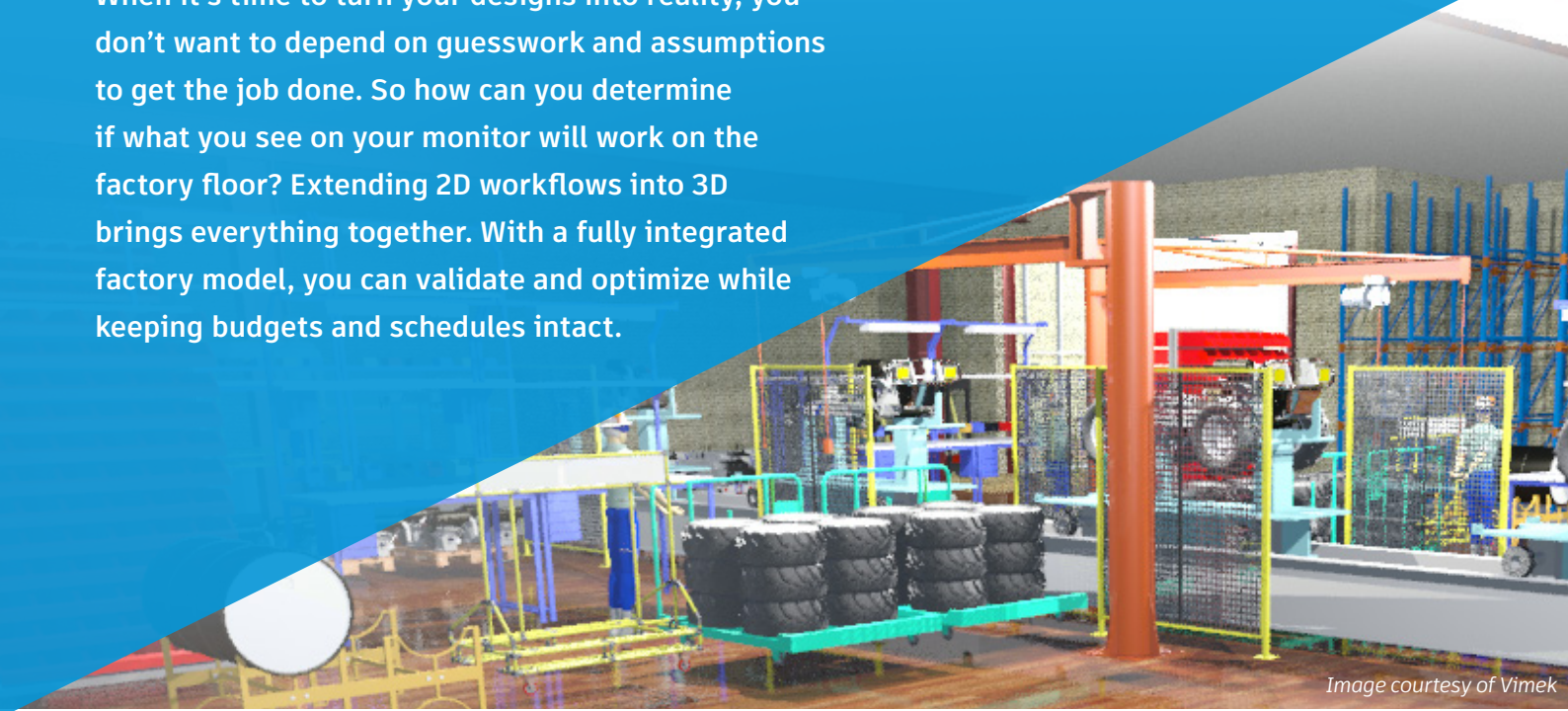


Image courtesy of Vimek

## Challenge

It's difficult to integrate production systems and facility designs from many different sources. We don't have a complete picture of the final factory.

## Challenge

Interferences and clearance issues during installation delay projects and require expensive on-site changes.

## Challenge

Delays in installation result in missed kick-off dates or require overtime to make up for setbacks.

## Opportunity

Generate 3D models from 2D designs to easily integrate production system and facility designs with representations of the as-is state of the facility. With a fully integrated model, you can avoid potential issues during installation and find opportunities to optimize performance.

## Opportunity

Creating and reviewing 3D designs in the context of the as-is state of the facility allows you to analyze clearances, detect collisions, and identify potential issues early.

## Opportunity

Time lapse simulation of sequencing and scheduling validates that all work can be completed as planned. Determine if there are issues that could postpone production kick-off well before you get started.

## Ready to learn more?

Plan, validate, build, and operate your factory with one connected workflow.

[SEE IT IN ACTION >](#)

## Questions?

Your dedicated Autodesk account team can help.

[CONTACT US >](#)

 **AUTODESK**. Make anything.