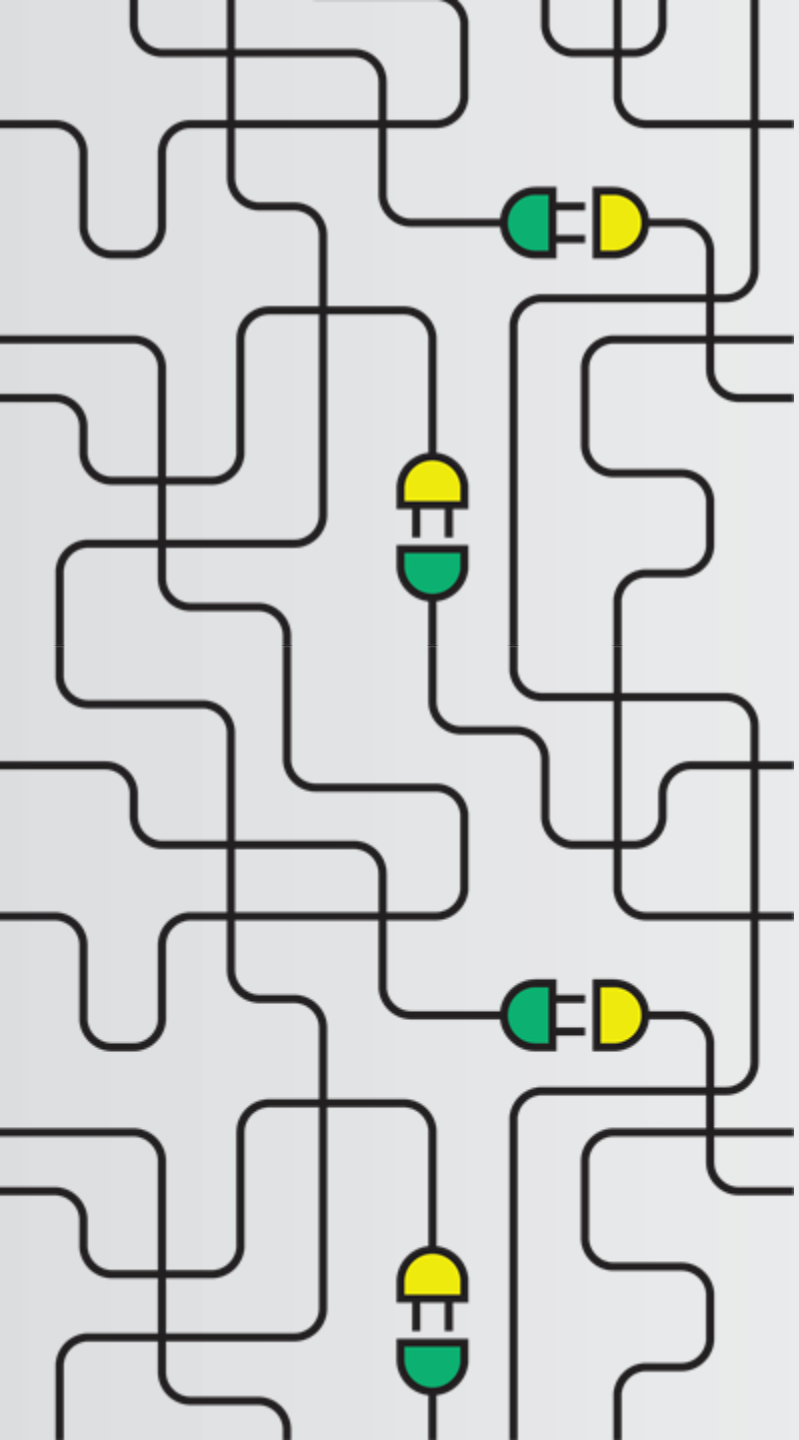

INDEPENDENT ELECTRICAL CONTRACTORS PRESENTS

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SAVANNAH, GA | JANUARY 24-26

The next Evolution of Estimating: How to Leverage the Model for Better Bid Accuracy and Project Execution

Introduction

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What is Model Based Estimating?

Model Based Estimating connects your BIM 3D Model to your Estimating software, giving you:

1. Better project insight and visibility
2. Improved collaboration between key stakeholders - such as estimators, detailers, and project managers
3. More accurate project execution
4. Increased profits

Model-Based Estimating Addresses Contractor Challenges

"Re-Stripping" Estimates

Contractors have to do time consuming manual re-estimates throughout projects to gain insight and confidence.

Lack of Project Insight

Without model-based estimates or re-strips, contractors are hoping that their projects are on track and on budget.

Value Engineered Alternates

With good data comes good decisions. Example: What will be more cost effective; set screw, compression or Kwik-Fit?

Audience Poll

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Poll Question: Which of these challengers is the largest challenge for you?

1. The time it takes for “re-stripping”
2. The lack of project insight
3. Inability to value engineer material and installation decisions

Common Misconceptions

Model Based Estimating is not intended to replace 2D takeoff methods for project bids. Why?

Limited availability of a 3D model prior to bid

Insufficient level of fidelity of the 3D model prior

Our Model Based Estimating mission is to…

Provide purpose built workflows that deliver true customer value.

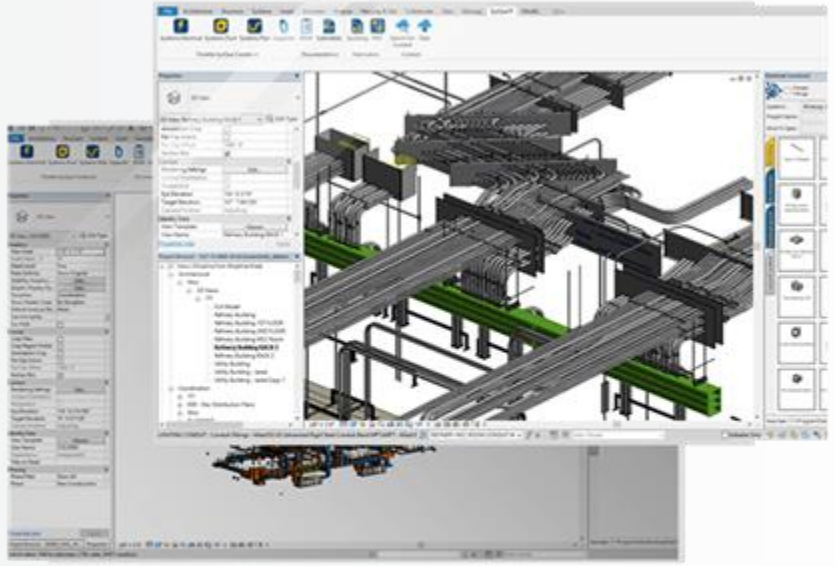
As solid connection between SysQue and Estimation MEP that is fast, easy and best of all flexible.

Workflow solutions that meet the needs of all three of the MEP trades but beginning with Mechanical Piping and Electrical.

Featured Product: SysQue

Enables detailers to design LOD 400 constructible models in Autodesk Revit with the world's largest library of real world, manufacturer specific MEP content. SysQue provides lots of modeling and detailing productivity tools to streamline modeling for 3D coordination.

SysQue models are accurate and data rich and are used to help drive prefabrication and installation.



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Featured Product: Estimation MEP

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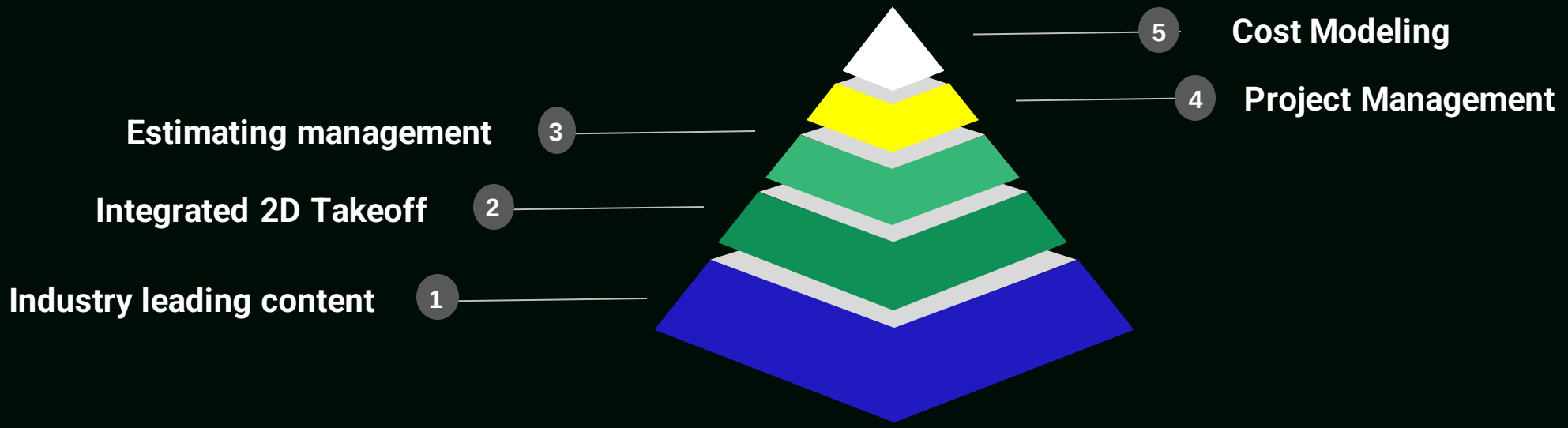

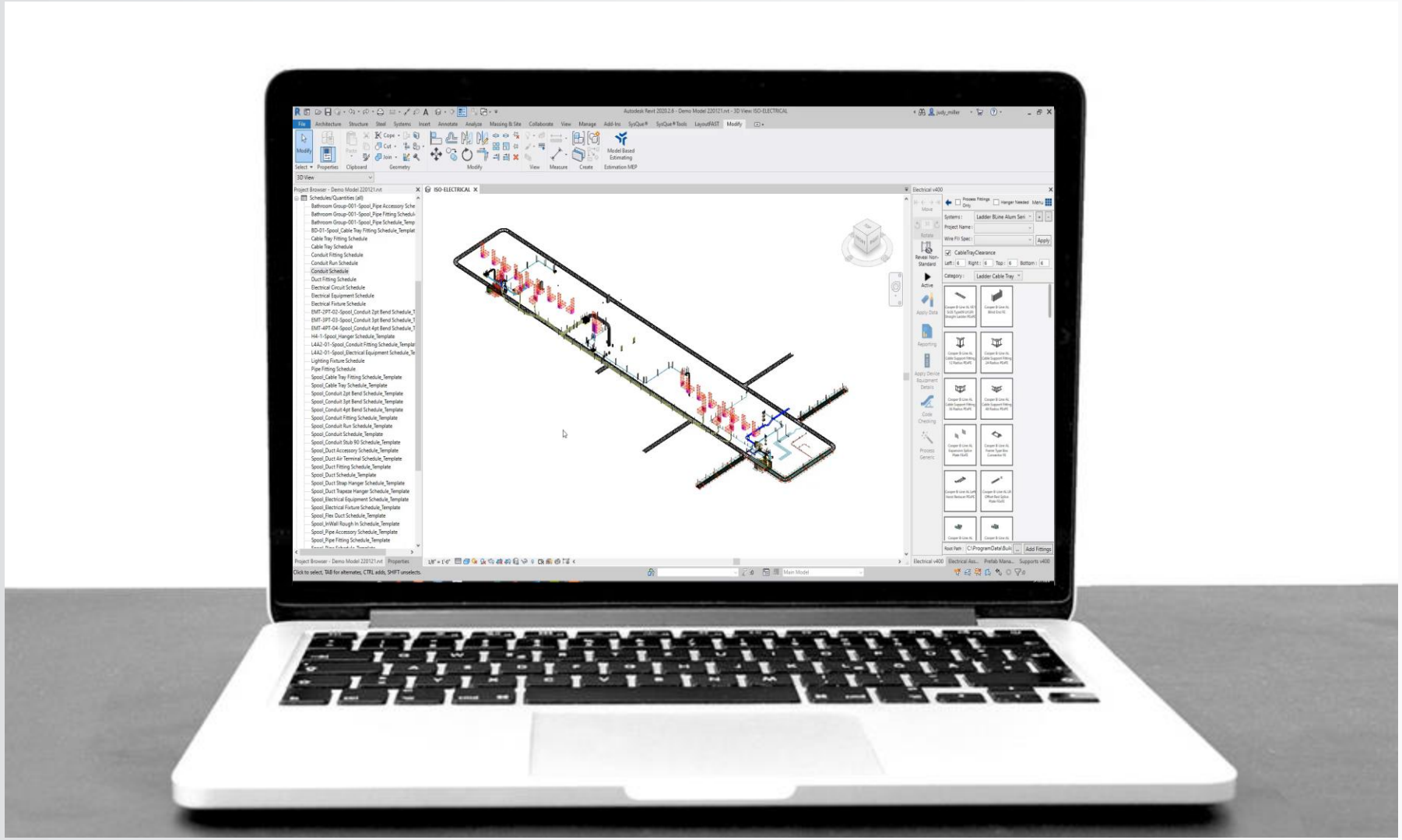

Model Based Estimating Video

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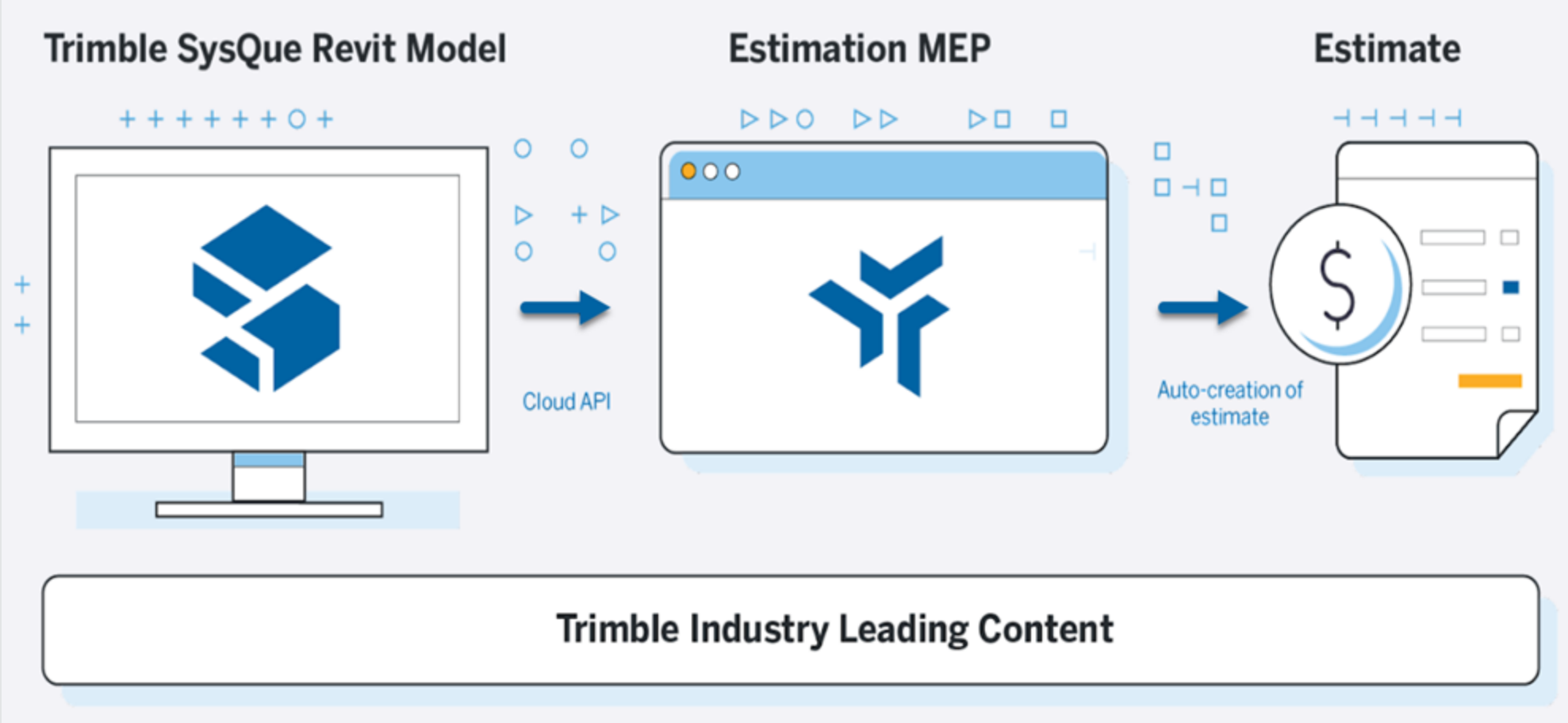
How does it work?



How will you use Model Based Estimating?

Quantity Comparisons

MBE will replace manual re-strip processes to compare the quantities derived from your bid drawings against your issue for construction drawings.

Improve Future Bid Accaccuracy

Compare original estimates to the coordinated model to verify where you can improve bid accuracy for future projects.

Finalize BOM for Procurement

Determine final quantities, materials, and manufacturers for material buyout.

More Accurate Project Execution

Update construction means and methods based on your coordinated model and finalized materials.

Extend Model Data

Extend your modeling data with catalog numbers and material pricing.

You tell us?

How can you see Model Based Estimating fitting into your current business workflows

iENG Video

Tim Reidel

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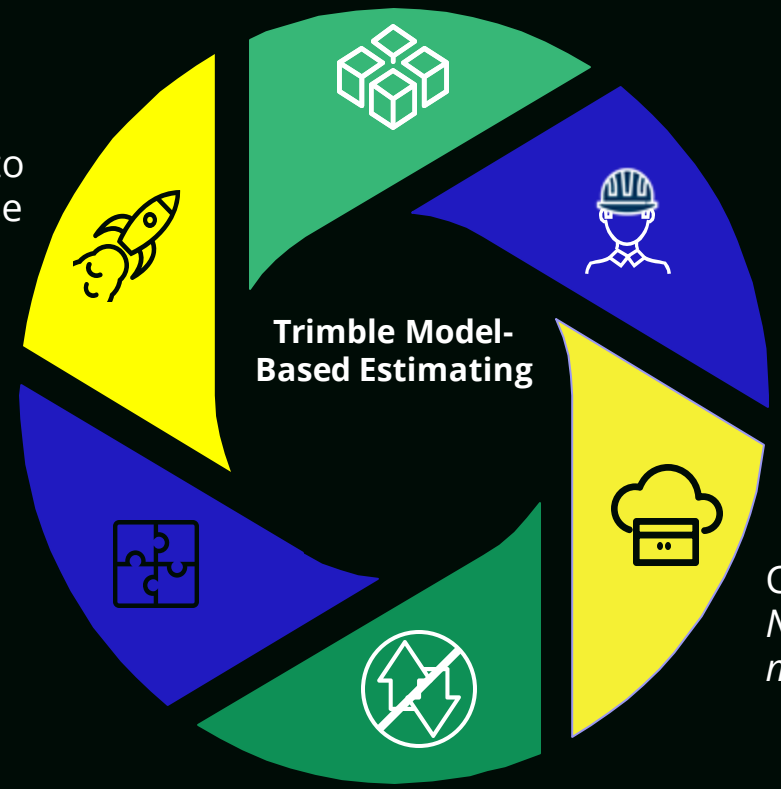
What makes this different from other Model-Based Estimating Workflows?



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Summary

- Trimble Model-Based Estimating is a seamless workflow enabled between Trimble SysQue and Estimation MEP with industry-leading content at its core.
- Model-Based Estimating has several use cases to enable better project execution and accuracy
- Whether you are a project manager, detailer, or estimator, there is value in leveraging Model-Based Estimating in your workflows.

Questions?

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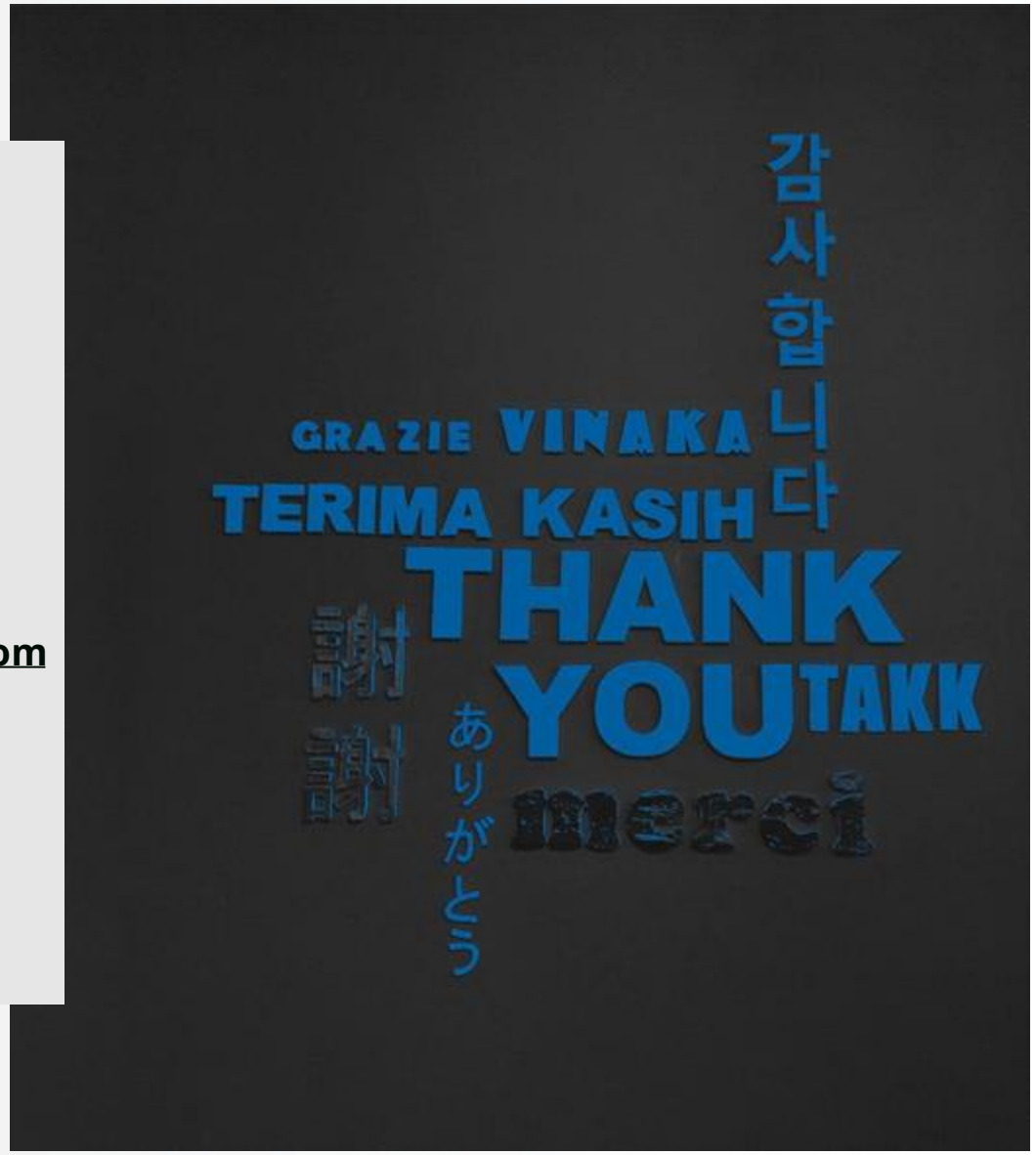
Thank You

For Questions or Feedback please contact:
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