



VMM revolutionizes To-Order product design in Creo—no more overloaded assemblies!

SIGMAXIM's Virtual Master Model (VMM) is a proven method that delivers a powerful, flexible, maintainable, and infinitely configurable master assembly—without the drawbacks of managing unwieldy master model assemblies. Its innovative handling of data, flexibility, logic and rules enables Creo users to quickly and easily build complex To-Order products.

The Challenge: Managing To-Order Products

Building To-Order products in Creo can be challenging, and often involves using models with multiple design variants inside a single overloaded model structure.

Techniques for managing these models include Master Models / Overloaded BOMs and Assemblies, Family Tables, Pro/PROGRAM, Notebook, and some Skeletons.

While using large Master Models to manage these complex structures may work, they also result in a variety of frustrating downstream problems, such as:

- PLM conflicts (Master Model / Variants)
- Lengthy load and regeneration time
- Model complexity
- Generic part naming
- Mostly unused components
- Complex maintenance

The Solution: Virtual Master Model™ (VMM)

Virtual Master Model is specially designed to overcome these common design challenges by building variants from the ground up, rather than whittling down an overloaded assembly.

VMM's ability to handle part relationships externally to Creo lets you quickly and easily build To-Order products that can't be defined with overloaded assemblies.

VMM boasts infinite scalability and seamless integration with Creo and PDMLink. And because it's built on SIGMAXIM's automation platform, it is maintenance-free and will continue to work in all future releases of Creo.

The Benefits:

DATA HANDLING

- Minimal Base Assemblies
- Assembly Info stored externally until needed
- Build any Creo Deliverables, including Drawings

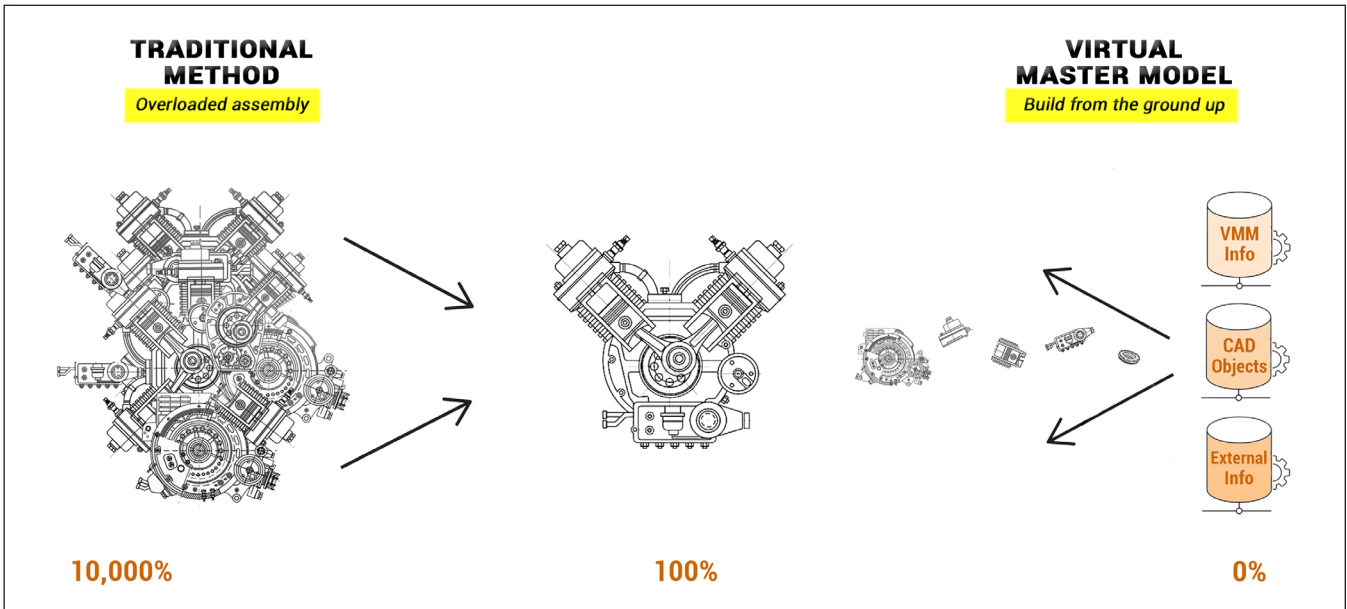
STREAMLINED DATA

- Result: Smaller, more manageable data in PLM
- Proper naming convention, managed by PDMLink
- Components managed by PDMLink and fetched as needed

FLEXIBILITY / LOGIC & RULES

- Build complex, highly-engineered products, even CTO and ETO products
- Create new, previously unknown build variants
- Variant contains only needed components with no suppressed objects

Virtual Master Model for Creo. Exclusively by SIGMAXIM.



Virtual Master Model lets you build complex To-Order products in Creo from the ground up, eliminating the need for overloaded assemblies.

Interested?

Experience the power of SIGMAXIM's Virtual Master Model—a game-changer for Creo users dealing with intricate To-Order products. Streamline your design process, reduce complexities, and enhance overall design efficiency.

Contact us today for more info on Virtual Master Model or one of our many other innovative automation solutions for Creo.

Start your Creo automation journey with SIGMAXIM!

CONTACT US

+1 617-981-6500 | Toll free +1 877-SIGMAXIM
www.sigmaxim.com | info@sigmaxim.com

Belgium +32 23 19 14 00
France +33 428 29 86 00
Germany +49 89 26200451
Netherlands +31 26 800 12 38
Switzerland +41 22 519 63 40
United Kingdom +44 20 3290 8135