

A photograph of a steel truss bridge structure, showing the complex network of beams and supports. The image is partially obscured by a white curved border that separates it from the blue background below.

From paper to digital value stream

Value streams based on brown paper are no longer sufficient. Supply chains, product variants, and customer requirements are constantly changing.

Those who only occasionally analyze value streams react instead of actively managing them.

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Why value stream analysis at all?

Because it focuses attention on the bigger picture.

Where is the waste?

What is slowing down the flow?

Typical hurdles:

- Waiting for material
- Double paths
- Excessive buffers
- Missing information



The problem with paper value streams

Good value streams are created on paper in workshops, but what happens after that? They often end up in the archives and are never looked at again.

- No scenarios possible
- No automatic calculation
- Difficult to update
- Hardly divisible
- Results remain isolated

What makes digital value stream mapping better

Digital models are always available, comparable, and expandable.

- ✓ **Model on tablet or PC**
- ✓ **Calculate key figures automatically**
- ✓ **Duplicate and evaluate variants**
- ✓ **Make data-based decisions**

From observation to fact-based control

Digital value stream analysis links observations with data from the shop floor, MES, or ERP. This creates a reliable basis for the continuous improvement process (CIP).

Even complex relationships such as product variety or layer models can be realistically depicted and evaluated.



SimVSM: Model, analyze, simulate

With SimVSM, you can create value stream maps directly on your tablet using drag and drop. In the future, you'll also be able to create them using photos of your analog value stream maps. The app automatically calculates key performance indicators and allows you to simulate scenarios (Pro version).

This allows you to identify bottlenecks, evaluate options, and test measures without risk to ongoing operations.

This saves time in analysis, improves decision quality, and makes processes transparent and documentable.

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Brown paper or digital model?

Many processes change faster than value stream maps on paper.

Digital value streams allow you to analyze data in a more up-to-date, well-founded, and team-oriented way.

Feel free to contact us and share your experiences with us at:

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www.simvsm.de to learn more.

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