

Simulate AGVs intelligently

6 Tips from practice

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Precisely define system parameters and vehicle behavior

**Transport volume, order types,
speed, braking behavior and
battery management – the more
precisely these factors are
modeled, the more realistic the
simulation becomes.**



Clearly define control logic and decision criteria

Priorities, traffic rules, order sequences and clear target decisions ensure targeted analyses and smooth processes.



Start early with solid data

Current, complete and precise data is the basis.

Incorporate simulation early into project planning to enable informed decisions.



Promote interdisciplinary collaboration

Planning, production, logistics and IT should work together on the model to make optimal use of specialist knowledge.



Securing long-term benefits

Use the model even after implementation for training, variant comparisons and re-analyses.



Plan for flexibility and continuous optimization

Keep the model adaptable and review it regularly to reflect current requirements.



Is simulation the right path for your AGV strategy?

We would be happy to discuss with you, without obligation, what options are available and how you can get started optimally.

Contact: info@simplan.de

Here you will find project examples, videos and answers to frequently asked questions:

[Case studies](#)

[SimBlog](#)

[Youtube Kanal](#)