

tmn Simulation



Improve decisions
Reduce costs
Mitigate risks
Identify bottlenecks
Prove a concept
Get a message across

SUPPORT DECISIONS

- Compare alternative scenarios with statistical confidence
- Understand issues and implications of decisions.

IMPROVE PROCESSES

- Identify and correct failure points
- Lean processing – consider different options before you set up

STRESS-TEST SYSTEMS

- Find failure points
- Chase bottlenecks

REDUCE COSTS & TIME

- Do it right first time
- Optimise resource allocation

MITIGATE RISK

- Improve confidence of choice
- Prove it works before major investment

PROVE A CONCEPT

- Show investors proof of concept
- Gain approval for a project before putting it into action

VISUALISE A CONCEPT

- If a picture tells a 1000 words, imagine what a fully functioning 3D simulation says.
- A non-technical way for stakeholder buy-in

Don't speculate
... Simulate!

www.tmnsimulation.com.au

03 9005 7234

Trifold Brochure, converted for online viewing.

WITH SIMULATION
YOU CAN TEST YOUR PROJECT TO FAILURE
THEN RESET RATHER THAN REPAIR

Don't speculate, Simulate...

A TOOL THAT CAN CHANGE THE WAY YOU DO BUSINESS....

Improve clarity in your business decision making process

Prove that your concept really does work

You really can predict the future

We use the same technology as 3D simulation strategy games, to help managers "play" with virtual versions of their own businesses; to try out new scenarios, with the safety of a Reset button if it fails.

WHAT IS SIMULATION?

It's often not practical to stop operations and try something, just to see what might happen; it may be too expensive, too risky, too structured, not enough time, inflexible live system, etc.

Simulating your business or project allows you to do things you could never do in real life, with feedback of what might happen if you did. Professional pilots train in flight simulators, soldiers train in simulated war zones, and analysts can rip your business apart with NO implications to the real-world environment.

SOME SAY IT'S NOT REAL!

It can be as real as you need it to be. The level of detail (fidelity) depends on the goals of the project, and can be anything from cells in an excel spreadsheet to a collection of interacting 3D photo-realistic animated avatars. A good simulation model is real enough to determine, with statistical confidence, that something will work or fail, where the problems might arise, and which strategy will work the best.



A new type of analysis & visualisation tool.

WHEN CAN IT BE USED?

Wherever high volumes, high cost, high complexity or high risk are factors, then simulation can add value.

Simulations can be used to help identify how business processes can operate more effectively, thereby saving time and money, reduce risk and help improve decision making.

Simulation can also be used to help prove a concept for stakeholders, such as senior management, financiers, investors, Boards of Management etc, basically anyone you need to understand your operations can see it in an easily understandable 3D format – see it as it actually looks.

WHO USES SIMULATION?

- General Mills has a strict policy of not starting any major capital project without proving it in a simulation first.
- Logistics companies simulate their warehouses to ensure process and layout is optimal.
- Sydney Ferries has a model of Sydney Harbour, where they can test new timetables, routes and boats.
- Mines simulate their operations to fine tune their processes.
- Factories simulate the use of different robots to prove how many they need to buy and how they should operate.



WHO ARE WE?

TMN Simulation is a Melbourne-based consultancy. We support our clients in all aspects of simulation modelling and analysis.

We are the Australian distributor of two of the most respected simulation software applications on the market - Flexsim and SIMUL8.

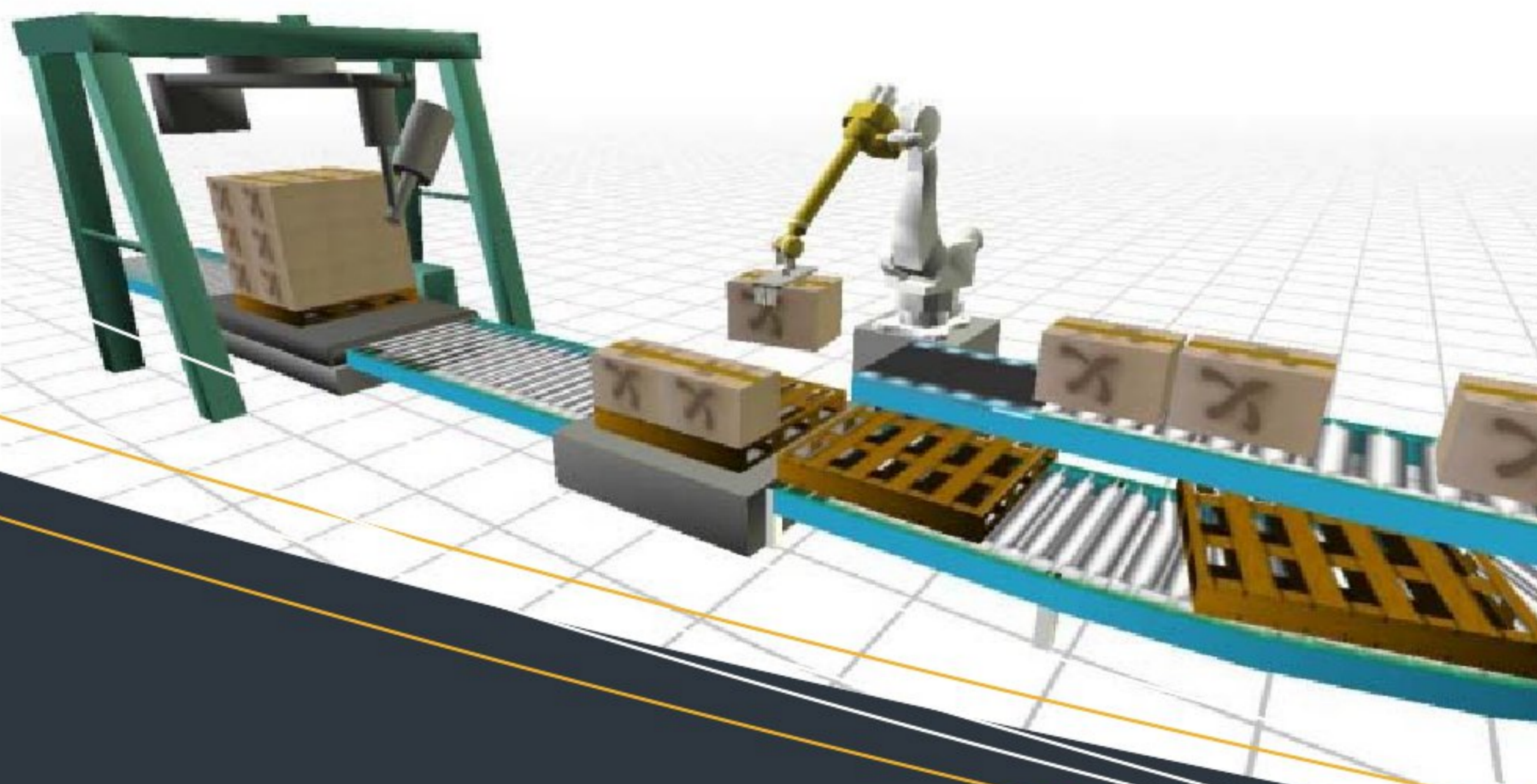
We supply software, training, modelling support and mentoring services for Flexsim, and sales support for SIMUL8; both of which are easy-to-build modelling applications where you just click and drag ready-made objects and link them up.

For more information contact:

Kenny Macleod
 Director
 TMN Simulation
 kenny@tmn.com.au
 0421 952 540

BENEFIT TO BUSINESS

Simulation can help determine answers that would otherwise be impossible to find. The analysis and visualisation properties of simulation help prove and visualise concepts to key stakeholders.



Simulation lets you model, plan and adjust your resources and processes, in the safety of the virtual world. This ensures that you are able to manage change and improvements effectively in the real world.

More and more organisations are recognising the value of simulation in:

- Process improvement
- Identifying process bottlenecks
- Visualisation & buy-in for projects
- Buying the right number of expensive machines
- Improving information flow
- Disaster procedure planning
- Running complex "what-if" analysis
- . . . the list goes on!

Simulation modelling allows you to try things in the virtual world that you could never dare do in the real world.



tmn Simulation
 PO Box 417
 St Kilda, Vic., 3182
 03 9005 7234
 sales@tmn.com.au
 www.tmnsimulation.com.au