

# WELCOME TO THE

# GBU

Live eSeminar

April 12, 2024 | 11 am

Duration approx. 30 min.

KNOW – LEARN – START – ACHIEVE SUCCESS

## Process Simulator QUICKSTART: Introduction & Basics

Your speaker today



Tim Cooke | ProModel UK



# PROMODEL UK – WHO ARE WE?

## ProModel UK / ProModel Europe

- Exclusive distributor for ProModel products & services in UK & Ireland
- Access to “ProModel Europe”. Worked in Middle East, Asia, Caribbean, Aus, NZ.
- Domain Experience: Developed since 1994 year | Worked with over 250 customers on 100s training courses and projects.
- **BigBear.ai** acquired ProModel US in 2022 - Artificial Intelligence – Machine Learning, etc.

## What we do?

- Help organisations **experiment** with their **change strategy**, using predictive analysis aka. Simulation technology
- Using our software, we can present them with various versions of their future state(s) – sometimes called **digital twin**
- Featuring/Modelling real-life **variation, randomness & uncertainty**
- **What-If Interactions** – Test strategy for improvement. **Before** trialling in real life system
- **End game:** Client make an informed decision about **how to improve** without **risk, disruption** or **unnecessary expense**
- We help our customers think with **foresight**, ..... not hindsight.

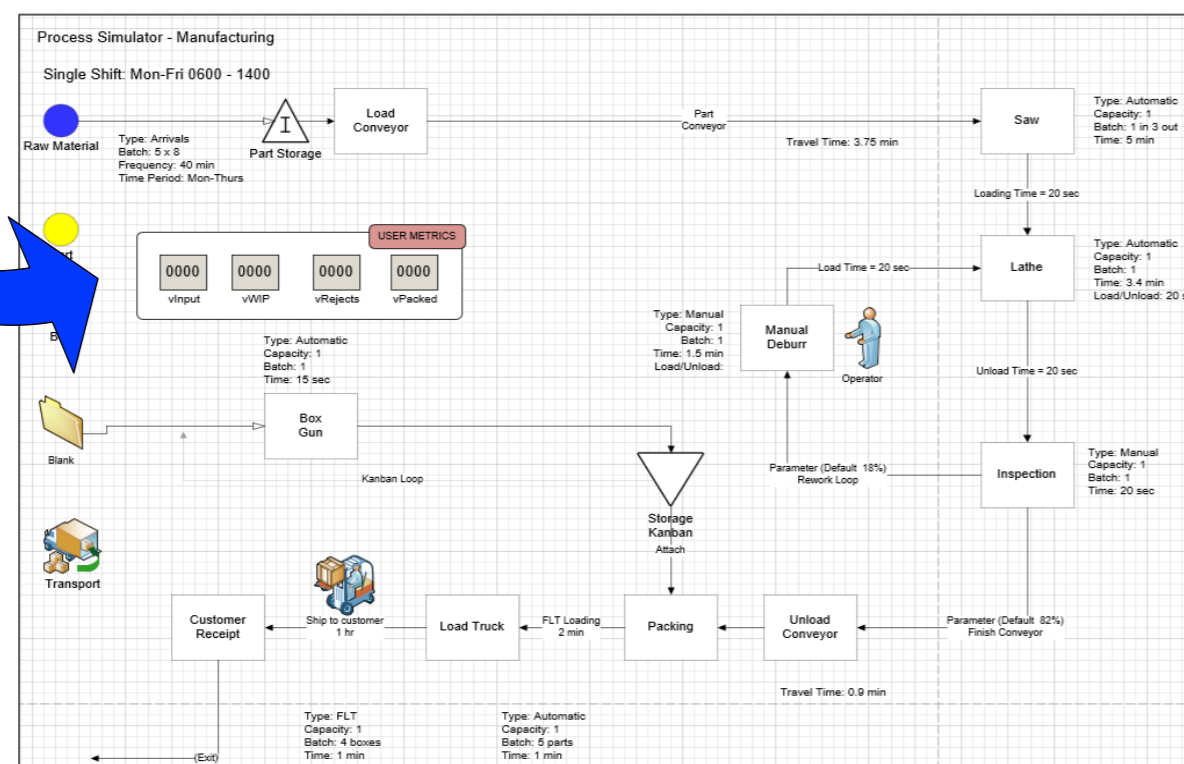
## Services

- Software (ProModel, ProModel AutoCAD Edition, Process Simulator)
- Software Training: Introductory, Advanced, Project-Focused
- Consulting - Application Development & Delivery

# PROCESS SIMULATOR – CAN I CREATE A SIMULATION?

## 4 Questions?

- Step 1: **DRAW** a flowchart
- Step 2: **ENTER** process information
- Step 3: **ALLOCATE** resources
- Step 4: **RUN** simulation



# SOFTWARE DEMO

# POWERFUL ANALYTICS

## Decision Making using ProModel Products

- Make your decisions on firm, empirical, statistical results
- Not solely on a pretty (3D) animated simulation
- Therefore, the analysis/interpretation of results is the most important feature of our software

## ProModel Results

- **Output** – How much does my system produce
- **Resource utilisation** – How much resource do I need/use
- **System Constraint & Queues** – Is there a processing bottleneck? Queue analysis
- **Cycle time** – We use this as comparison metric to determine improvement
- **Service level** – Deliver on time - % Customer Satisfaction

## This means that the you will be able to

- Replicate **real-world** conditions using **real data**. Run **unlimited what-if** scenarios with **full report analysis**
- **Determine** if the project is **over** or **under resourced**.
- Estimate **return on investment** & **avoid** making costly **mistakes**.
- Make better strategic/future decisions based on factual data.
- *Think with **foresight**, not **hindsight**.*

*Welcome to our world !*

# THANK YOU FOR YOUR ATTENTION!

## Q&A SESSION LET'S ASK!



# YOUR CONTACTS AT GBU

## GBU mbH

Dipl.-Ing. Andreas Karrais

Dipl.-Inf. Jiri Vacek

Dipl.-Ing. Jürgen Mauch

Dr.-Ing. Ralf Kapp

Rotenbergstraße 8

70190 Stuttgart

[www.gbumbh.de](http://www.gbumbh.de)

[www.process-simulator.de](http://www.process-simulator.de)

[www.promodel.de](http://www.promodel.de)

fon +49 711 1662-450

fax +49 711 1662-451

[info@gbumbh.de](mailto:info@gbumbh.de)



**THANK YOU FOR YOUR PARTICIPATION!**

**GBU**  
Live **e**Seminar

**WE WISH YOU A PLEASANT WEEKEND!**

