

FACTORY SIMULATION

Progima Consulting



Why Simulation



OPTIMIZE YOUR
PRODUCTION
PROCESSES



REDUCE YOUR COSTS
AND RISKS



IMPROVE YOUR
CAPACITY AND
FLEXIBILITY



COMMUNICATE
BETTER AND MAKE
THE RIGHT DECISIONS

Our Services



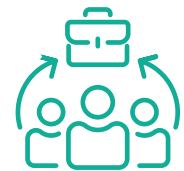
SOFTWARE



TRAINING



CONSULTING
AND COACHING



PROJECTS



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FACTORY SIMULATION

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OPTIMIZE YOUR PRODUCTION PROCESSES

Simulation enables our clients to model different production scenarios by considering factors such as space, material flow, equipment, material handling, shopfloor policies, labor, and inventory levels. By simulating these elements, we can identify bottlenecks and propose solutions to improve production flows and reduce waiting times.

REDUCE YOUR COSTS AND RISKS

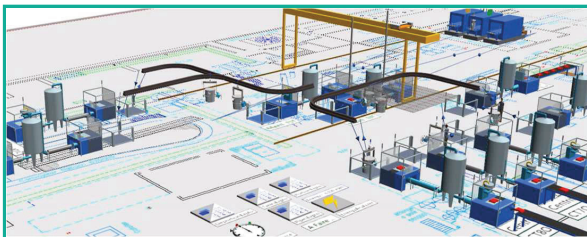
Progima helps managers anticipate the impact of their investments before implementing them. This allows them to minimize costly mistakes and reduce the risks associated with investments in equipment and infrastructure. By knowing what they truly need, executives can thus make informed decisions based on accurate and reliable data.

IMPROVE YOUR CAPACITY AND FLEXIBILITY

Progima uses simulation to optimize resource use and increase factory production capacity. By modeling different scenarios, we can identify, test, and validate the best configurations to maximize capacity while maintaining high service levels. This flexibility allows factories to quickly adapt to demand changes and new market opportunities.

COMMUNICATE AND MAKE THE RIGHT DECISIONS

These simulation models facilitate communication among various stakeholders. By visualizing the simulated scenarios, teams can better understand the impact of decisions and support proposed strategies. This strengthens collaboration and ensures alignment with business goals.



SIEMENS TECNOMATIX Cutting-edge technology in manufacturing simulation and digital twins.

BENEFITS:

- Improved productivity of existing facilities
- Reduced investment in planning new facilities
- Decreased inventory and processing time
- Optimization of system dimensions, including the size of intermediate storage areas
- Reduced investment risk through rapid concept validation
- Maximized use of manufacturing resources

FEATURES:

- Simple and effective model creation for experimenting and optimizing production systems by adjusting predefined object parameters and importing your data
- Generation of charts and statistics for analyzing throughput, resource usage, automatic bottleneck detection, flow diagrams, and statistics
- High-resolution 3D visualization and animation



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