

Success in **Operations**

Simulation developer improves warehousing, inventory, and facility layout to accommodate new customer growth

SIMFORMATION



20 Employees



Peoria, Illinois



www.simformation.com

SITUATION

CSE Software Inc. was selected by a major company to take over the fabrication and distribution of its machine simulator business. CSE jumped in, forming a separate venture, Simformation LLC, to manage the hardware design and assembly aspects. But the software-focused company soon realized it had much to learn about logistics and turned to IMEC for help – first to evaluate inventory management software and then to design a new manufacturing and warehouse facility.

SOLUTION

IMEC reviewed Simformation's assembly and manufacturing needs, output levels and growth expectations, then developed two options: one that would keep the company in its existing space and one that would move it to a bigger location. After Simformation decided a new space was the best solution, IMEC returned with two detailed facility designs, outlining flow and expansion potential, from which the company made a final selection. IMEC then helped Simformation physically lay out the new space, which incorporates cellular flow techniques to balance the amount of work each cell handles.

RESULTS

- Dramatically increased capacity from 8 systems per week to 20 systems per day
- More predictable output
- Improved manufacturing and assembly efficiency
- Enhanced ability to check product quality

“*The relationship with IMEC is incredible – they are always accommodating and go out of their way to work with us. Our company is family, and IMEC just fit right into that. They listened to our ideas and thoughts and went right.***”**
along with our culture.

- Vanessa Price, Logistics Manager



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