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## **LabVIEW Control Design and Simulation Module - NI**

(1998). MODELING SIMULATION AND  
CONTROL OF THE WOOD DRYING  
PROCESS PART 2 : VARIABLE CONTROL

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STRUCTURE. Drying Technology: Vol. 16,  
No. 6, pp. 1085-1100.

## **MODELING SIMULATION AND CONTROL OF THE WOOD DRYING PROCESS ...**

This is a list of software used to simulate the material and energy balances of chemical process plants. Applications for

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this include design studies, engineering studies, design audits, debottlenecking studies, control system check-out, process simulation, dynamic simulation, operator training simulators, pipeline management systems, production management systems, digital twins.

## **List of chemical process simulators -**

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Modeling and simulation (M&S) is the use of models (e.g., physical, mathematical, or logical representation of a system, entity, phenomenon, or process) as a basis for simulations to develop data utilized for managerial or technical decision making.

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## **Modeling and simulation - Wikipedia**

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Process engineering deals with the mathematical modeling and simulation of chemical processes in order to develop real-time optimization and control strategies. Department research has increased the availability of clean energy in a smart electric power grid, and significantly improved environmental and safety protection in

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chemical plants.

## **Process Engineering - The University of Texas at Austin**

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