

**REAL-TIME OPERATIONAL OPTIMIZATION WITH DYNAMIC SCHEDULE
OPTIMIZATION**

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ABSTRACT

CreateASoft presents SimTrack's real-time operational optimization solution. When job priorities shift, equipment availability fluctuates, material quality and availability fluctuate, along with labor and material handling equipment not being 100% reliable, SimTrack provides a solution to get back on track and meet production targets. Web enabled dashboards provide a real-time view of the current state of the operation, historical reporting, and most importantly a look into the near-future of the operation. Potential delays, bottlenecks and inefficiencies are identified and presented to management with a number of suggestions which can be made to get back on target. These alerts can range from a simple message on a large display to real-time work instructions delivered directly to the work force.