

Optimization Simulator, Multi-Purpose Optimization of Production

Outline of Optimization Simulator

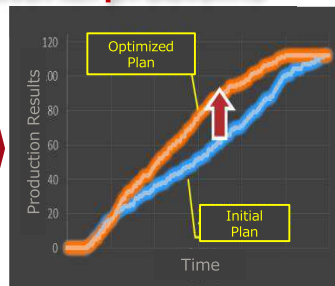
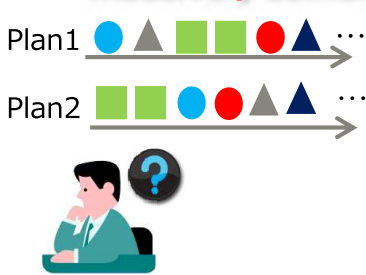
Optimization Simulator is SaaS that combined with simulation and optimization that calculate the order of product introduction to meet multiple KPIs (Production lead time, utilization, cost, etc.) during production planning. It will support the optimization of plant operations as a new production solution for Fujitsu.

the optimization engine is adopts OPTMILIS™ developed by Fujitsu Laboratories, Ltd. It is also a required software for the COLMINA V2 scenario "minimization of production impact".

Optimization Simulator in Multi-Product and Small Volume Production

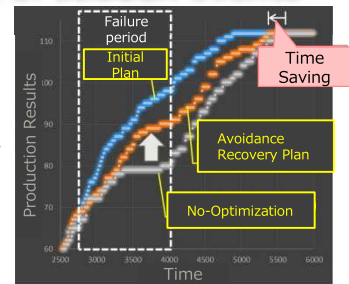
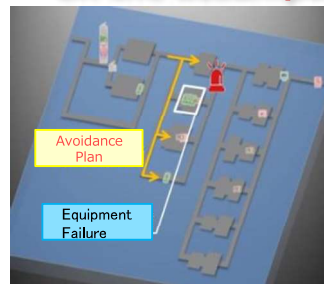
Case1 Problem **Complex Production Plan**
The combination of the order of product introduction is complicated and enormous.

Quickly calculate complex, massively combinatorial problems



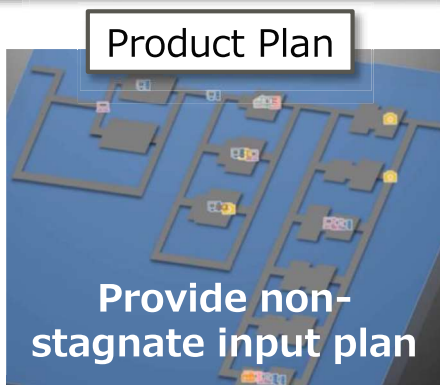
Case2 Problem **Deal with Incident**
Unable to abruptly change the initial plan.

Formulation of recovery plans based on the assumption of sudden events



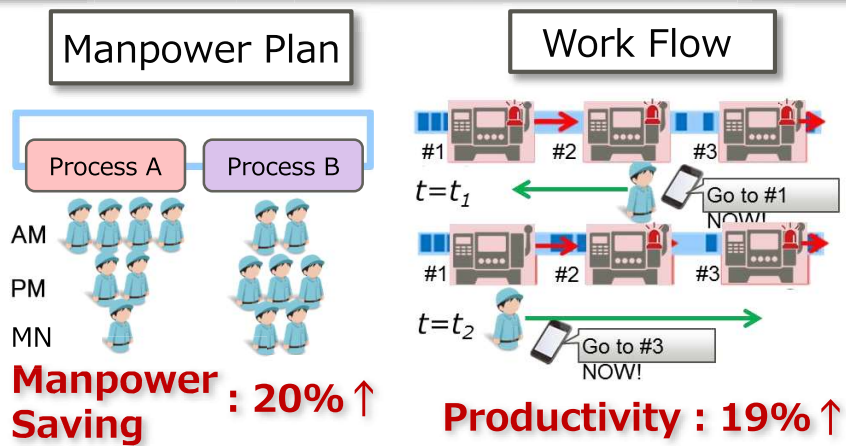
Application Examples

Captive Factory



Throughput : 20% ↑

Other Company's Factory



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