Nexplant SLM Use Case

Optimum Configuration Design With CAE-CAD Automation, Optimization Algorithm

Nexplant SLM adopts various CAE S/W and design analysis methods under a dispersed environment.
It supports the search for optimum design plans to improve product performance and reduce defects.

Analyze design factors sensitive to performance	• Automate analysis-interpretation based on Workflow • Provide analysis functions (optimization 10, experimentation plan 5)
Optimum design options	• Support Multi-Objective Functions • Provide target-value setting function(forced convergence) from objective functions
Analysis-result history DB	• Focus interpretation execution functions: delete/execute inter pretation, pause/restart and etc.
Chart	• Objective convergence charts, sensitivity impact charts

SAMSUNG SDS