Design automation by AI

The information will be maintained up to date and the manual work will be minimized by realizing the architecture for seamless information link between design solutions. Necessary information can be extracted by utilizing new technologies in order to recognize unstructured documents.
And the productivity for design work will be also improved by automatically calculating the most optimized allocation routes and creating the 3D models.

SAMSUNG SDS

Design automation by utilizing AI

General drawing

Equipment list

Layout

Step1
Recognize symbols/ characters

Step2
Automate allocation

Step3
Calculate the most optimized route

Database

Extract the map information and turning it into database

Automatically create the 3D models

Automatically calculate the volume with 3D link