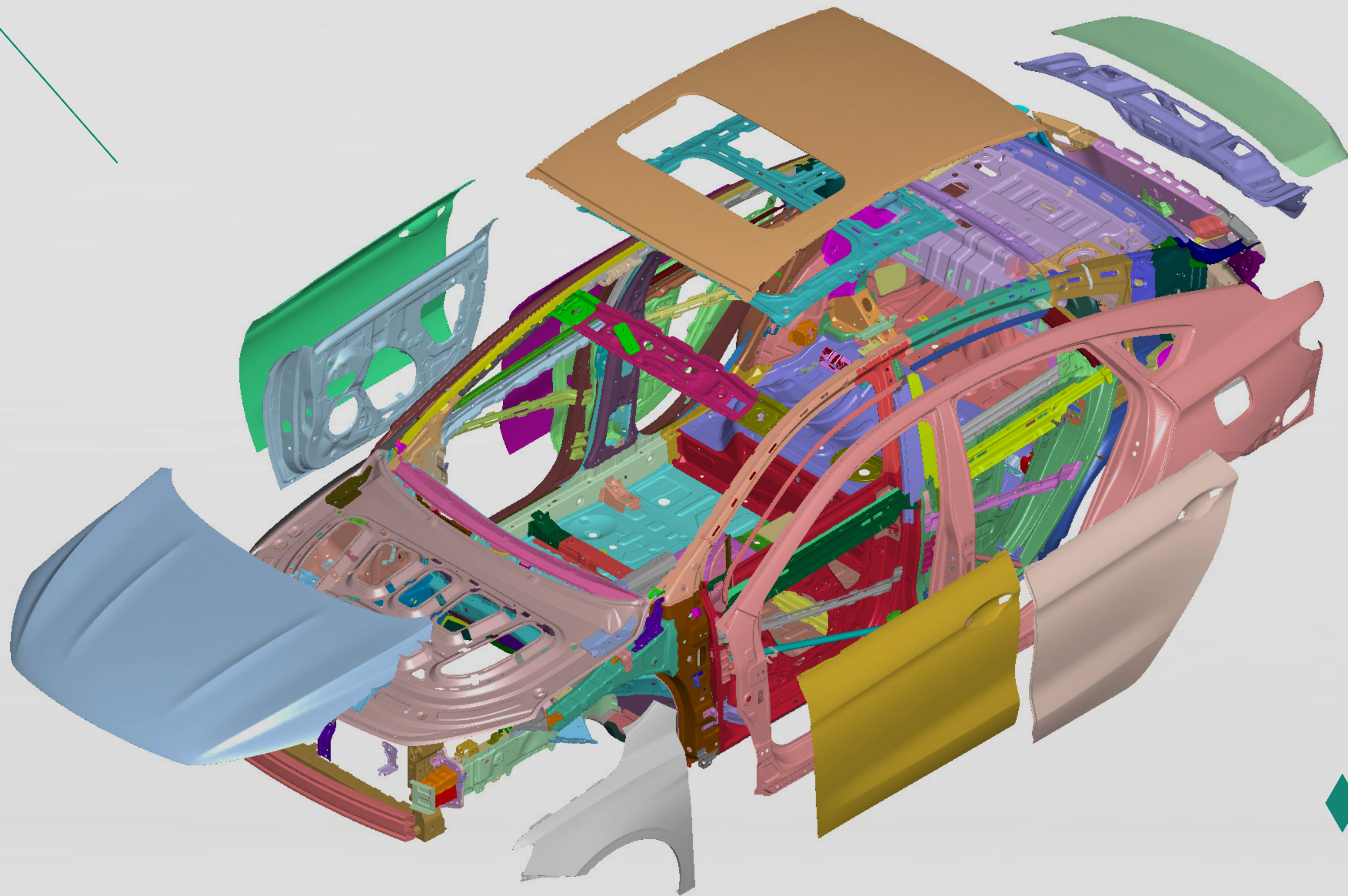alsim
Data Cleaning

bridge CAD & simulation autonomously

ess
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*exploded view for illustration purposes

AFTER

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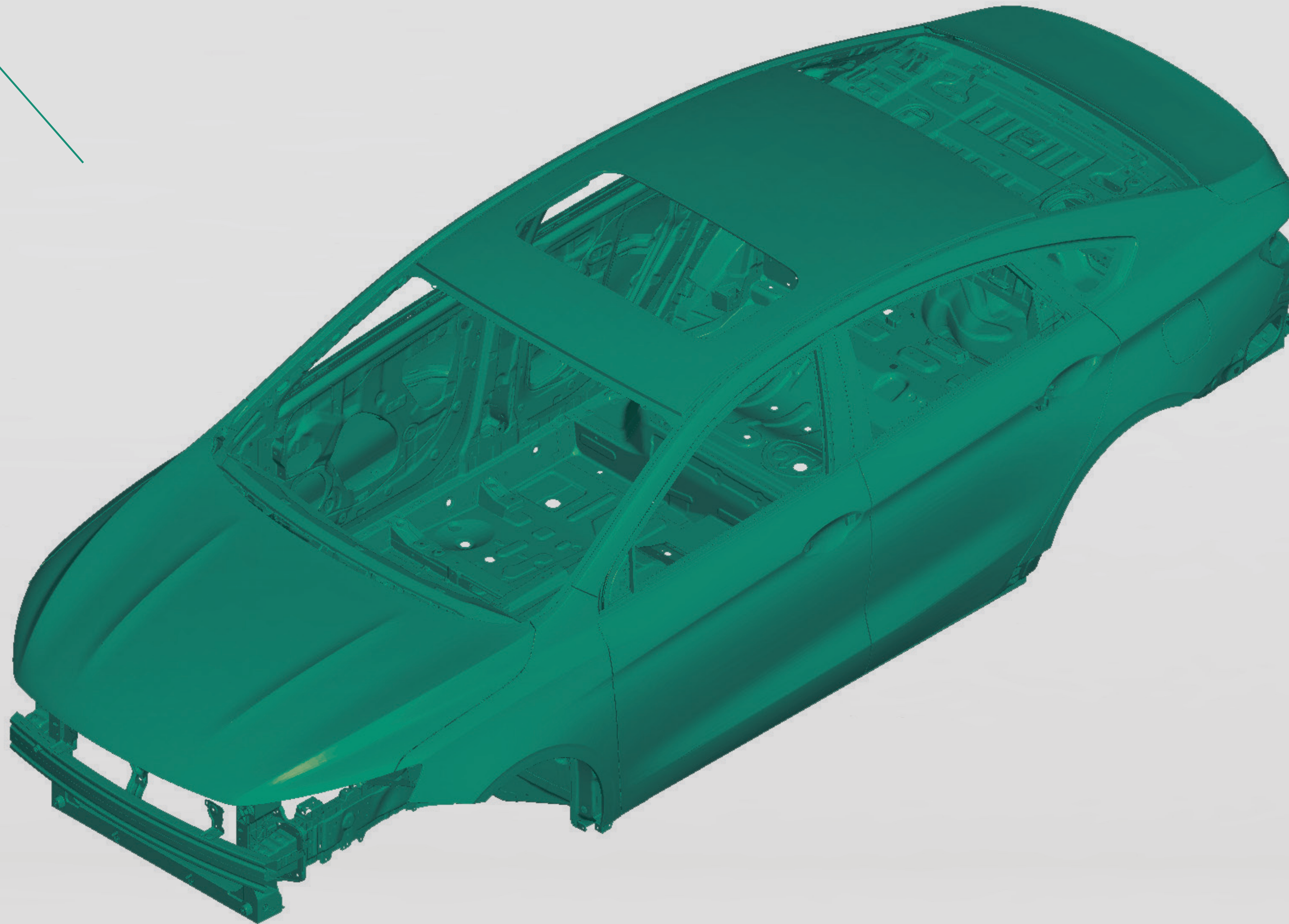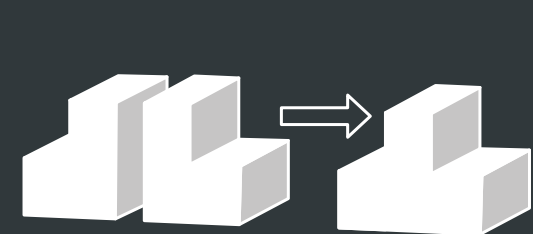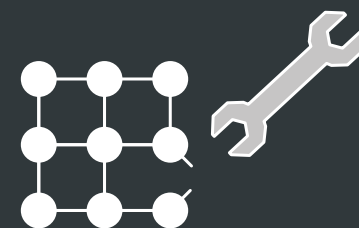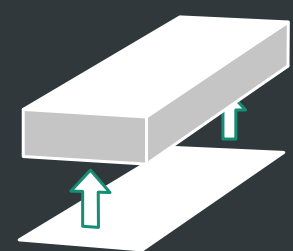
- The only autonomous data cleaning and pre-processing software world-wide

- Makes CAD or mesh ready for simulation

- A one-click solution: cleans and prepares complex 3D-Data

- Connects the complete car body within six hours

- A wide range of input and export formats supported: CATIA, NX, Nastran, Fluent, STAR CCM+ & Openfoam
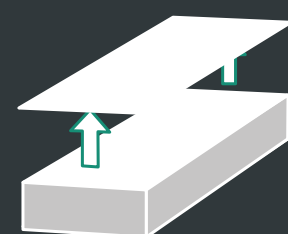
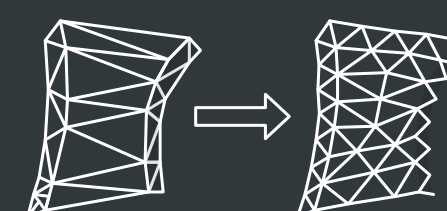- A powerful command line with a user friendly GUI
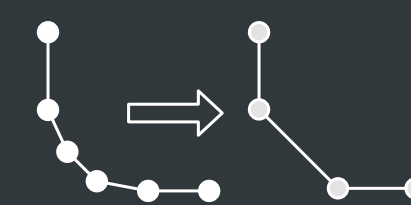
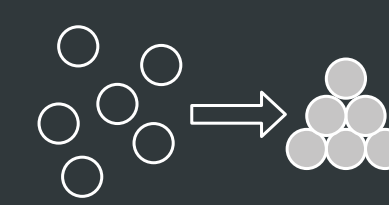merge   repair   sheet to solid   solid to sheet   remesh   de-feature   prepare   reduce

alsim
Data Cleaning

AUTOMATE

RELIABLE

SIMPLIFY
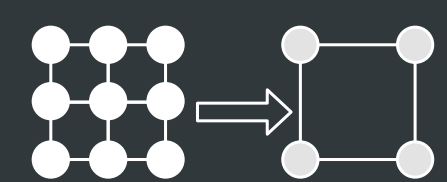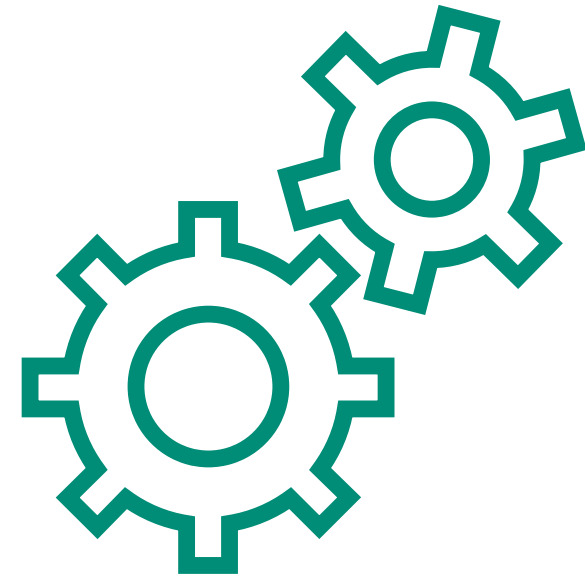
- manual pre-processing is obsolete

- minimal user interaction required

- powerful command line which can be combined to build scripted workflows

- prepares models for various complex simulations

- reliable output which can be used directly for simulations

- GUI view inputs, results, and performs modular operations as well as full workflows

- easy-to-use geometry-refiner and mesh-optimizer

- training time - one day only

- no cluster needed - runs on a desktop

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