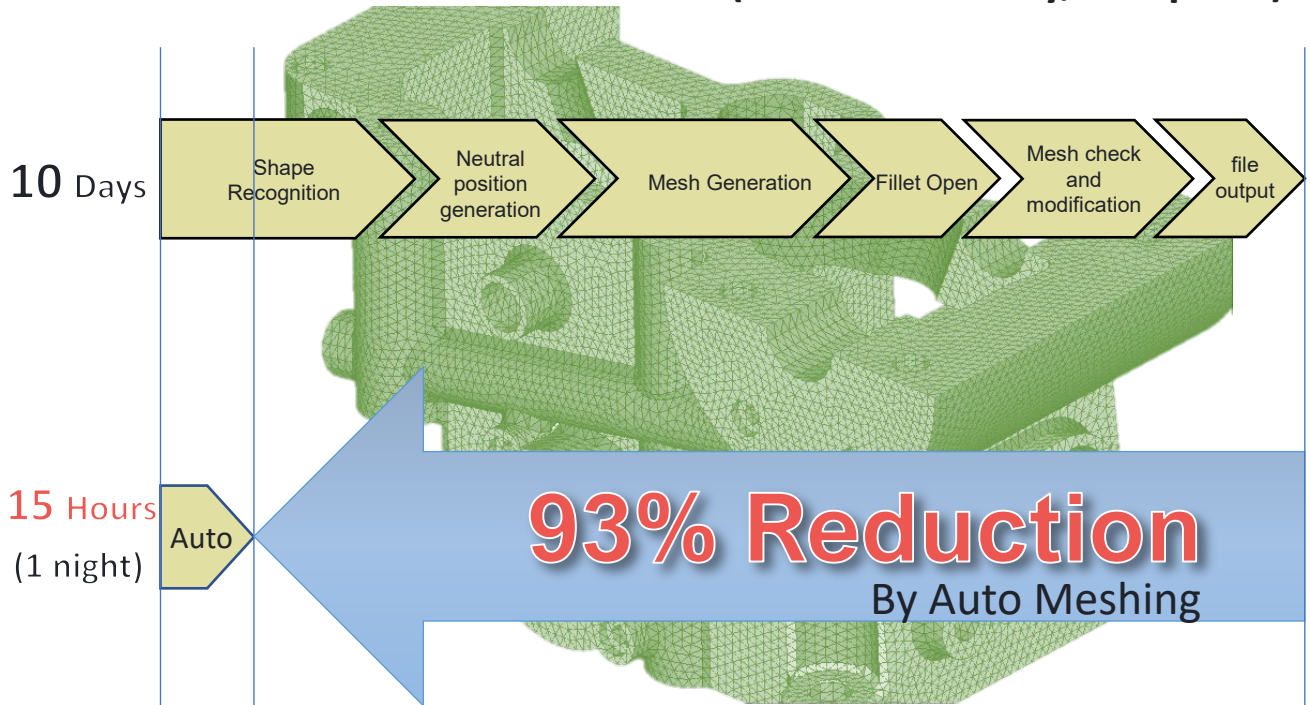


Automate the generation of Mesh models according to your meshing rules

General Mesher Software could not be automated with your company's own meshing rules, but now it can be automated without replacing your software.

Mesh Model Generation Time (Powertrain Assy, 160 parts)



Daily output of assembly durability, noise and vibration simulation results can greatly improve the efficiency of design and development.

Target :

All industries, parts and applications. (Automobile, Aircraft, Train, Bridge, Electronics)

Examples of industries supported:



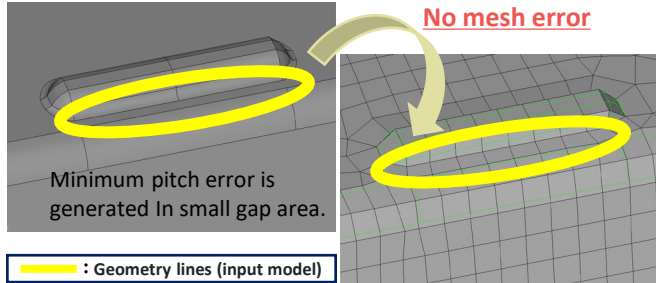
Example for Automotive and Supported Systems:

- ◆ FORTUNA Shell
 - Body in White - Crash simulation
 - Body in White - NVH Analysis
 - Body in White - Durability Analysis
- ◆ FORTUNA Solid
 - Powertrain – Crash Simulation
 - Powertrain – NVH Analysis
 - Powertrain – Durability Analysis
- ◆ LATONA8
 - Resin Parts – Crash Simulation
 - Resin Parts – NVH Simulation
- ◆ Others
 - Body in White - Spot Weld

All problems that could not be solved by existing software can be automated. (e.g. Mesh creation, error handling, shape recognition, design change recognition)

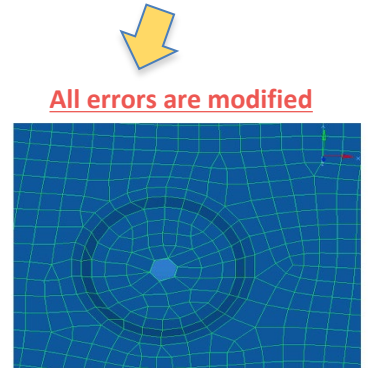
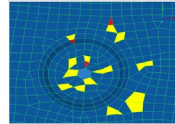
Mesh quality control

keeping minimum pitch with the minimum change of geometry line



Mesh error modification

- Error:**
- Minimum length/height
 - Maximum length
 - Minimum angle (Quad)
 - Maximum angle (Quad)
 - Minimum angle (Tria)
 - Maximum angle (Tria)
 - Warping (warpage)
 - Aspect ratio



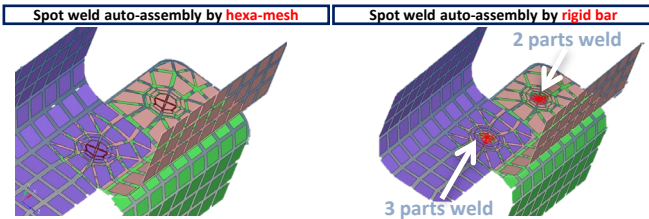
Automatic assembling

4core parallel execution

Automatic mesh generation of spot weld

Automatic flange mesh generation based on thickness

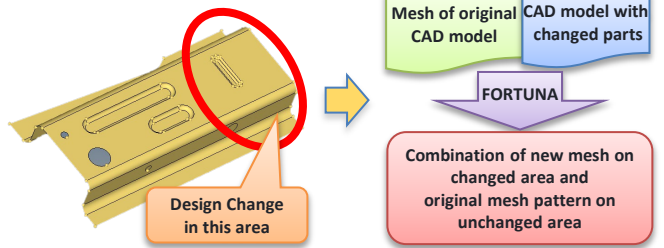
Automatic mesh generation of bolt joints



Automatic assembling

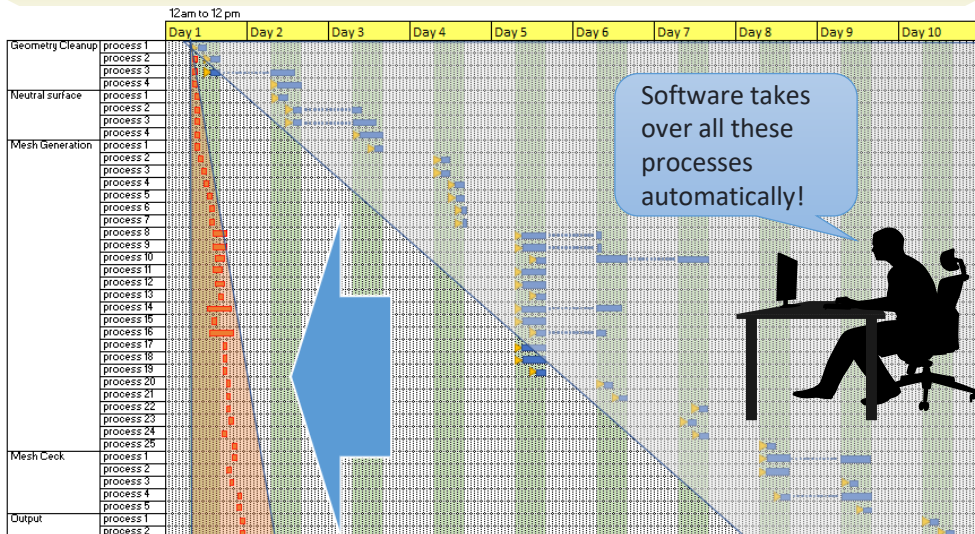
Automatic search for design changes

Generating new mesh for design changes
remaining original mesh for unchanged



* note: this feature is a customized option.

All processes including the above are automated without human intervention.



Have questions? Please contact us

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