# HCLSoftware

# Visualize with Accuracy

## HCL Glovius

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Glovius is an essential tool for professionals working in manufacturing industries requiring seamless access to diverse design/CAD files. Glovius offers a comprehensive solution to effortlessly visualize and analyze multiple design file formats.
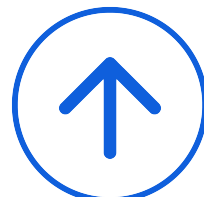
| | | | |
|---|---|---|---|
| View 3D & 2D CAD file. Save on CAD licence costs | Analyze designs faster with purpose built tools | Simple and easy to use. No training needed | Export to STEP, 3D PDF and image formats |

- Glovius is a modern CAD viewer. View CATIA, STEP, Creo, Solidworks, Inventor and other popular CAD formats.

- Available in subscription, permanent, and team licenses.
- Available in English, Deutsch, Français, Español, Portuguese, Korean, Chinese.

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## VIEW AND NAVIGATE

- View 3D data, product structure, attributes, PMI, GD&T, and captures.

- Zoom, Pan, Rotate and Spin models.

- Standard and exploded views. previous and next view.

- Hide, Show, Isolate, Move, and Search components.

- Apply color and transparency.

## SECTION

- Cut dynamic sections along standard or custom planes.

- Create multiple sections and add hatching to enhance visibility.

- Create section profiles.

## ANALYZE DESIGN

- View dimensions, billet volume and mass, surface area and volume. Assign material density to calculate mass.

- View hole type, definition and quantity.

- Compare designs and highlight geomatry diffrence.

## COMBINED ANALYSIS TOOLS

- Analyze thick and thin regions in components using thickness analysis tool.

- Compute draft angles.

- Calculate projected and section area.

- Move components and explode to analyze assembly structure.

- Detect clashes and contacts in assemblies using collision detection tool.
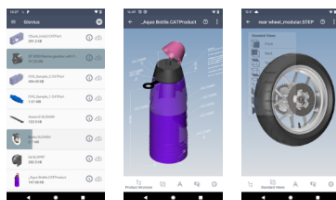
## MEASURE

- Take accurate linear, angular and radial measurements.

- Tape and surface area tools.

- Measure specific entities with filter selection.

## EXPORT

- Export to STEP, Parasolid, and IGES.

- Export to 3D PDF, 3D HTML, STL, PPT, and high resolution images.

- Generate bill of materials analysis and 3D reports.
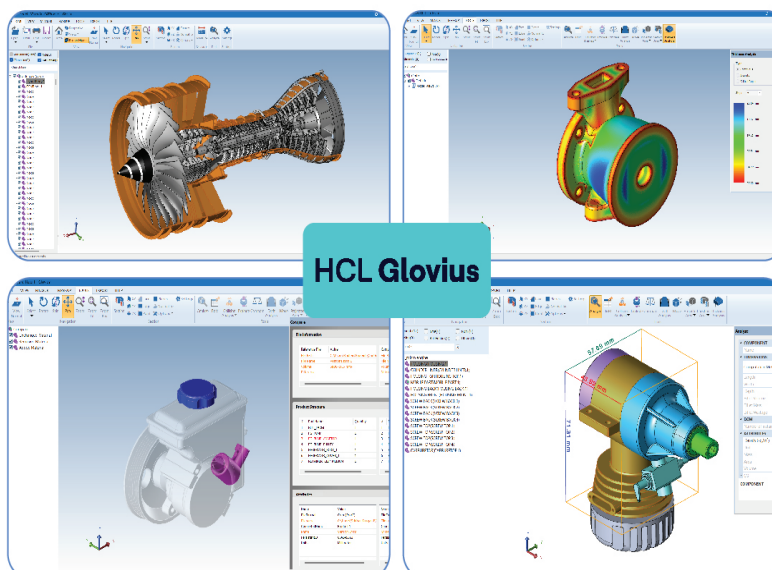
## GLOVIUS MOBILE

View, share, and collaborate on the go with free iOS and Android apps.



## GLOVIUS CLOUD

View 3D models in your browser, no installation needed. Glovius cloud account offers access to 3D data across devices.





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## About HCLSoftware