

EnginSoft is a premier consulting firm in the field of Simulation Based Engineering Science (SBES) with a global presence. It was founded in 1984, but its founder and initial employees had been working in SBES since the mid '70s. Throughout its long history it has been at the forefront of technological innovation and remains a catalyst for change in the way SBES and CAE technologies in general are applied to solve even the most complex industrial problems with a high degree of reliability.

Today, EnginSoft is comprised of groups of highly qualified engineers, with expertise in a variety of engineering simulation technologies including FEM Analysis and CFD, working in synergic companies across the globe. We are present in Italy, France, Germany, the UK, Turkey and the U.S.A. and have a close partnership with synergic companies located in Greece, Spain, Israel, Portugal, Brazil, Japan and the U.S.A.

EnginSoft works across a broad range of industries that include the automotive, aerospace, defense, energy, civil engineering, consumer goods and biomechanics industries to help them get the most out of existing engineering simulation technologies.



**ITALY**

[info@enginsoft.com](mailto:info@enginsoft.com)

**FRANCE**

[info.fr@enginsoft.com](mailto:info.fr@enginsoft.com)

**GERMANY**

[info.de@enginsoft.com](mailto:info.de@enginsoft.com)

**UNITED KINGDOM**

[info.uk@enginsoft.com](mailto:info.uk@enginsoft.com)

**TURKEY**

[info.tr@enginsoft.com](mailto:info.tr@enginsoft.com)

**USA**

[info@enginsoftusa.com](mailto:info@enginsoftusa.com)



[www.enginsoft.com](http://www.enginsoft.com) | [info@enginsoft.com](mailto:info@enginsoft.com)

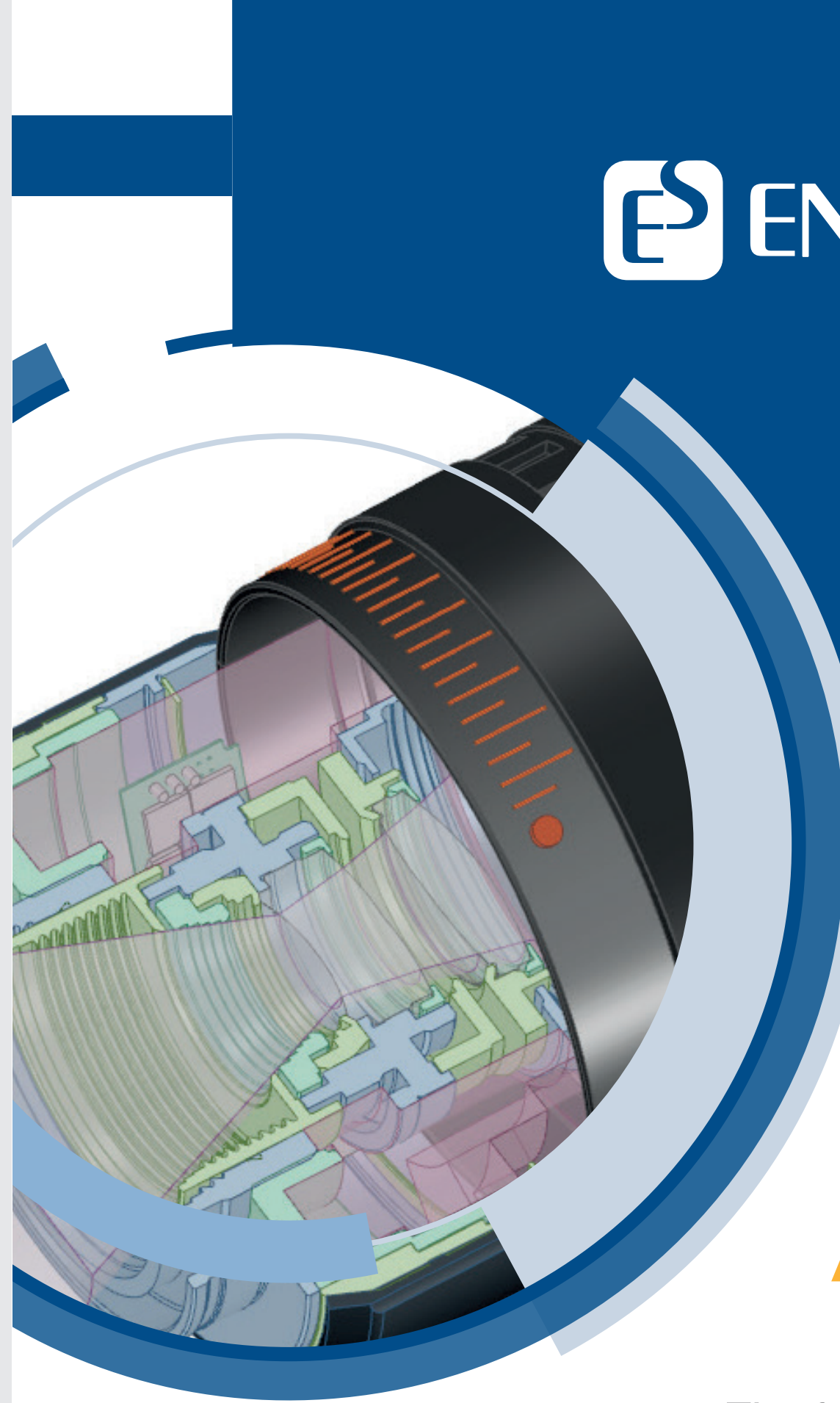
 **ENGINSOFT**

DATA SHEET

 **Ansys**

**Ansys SpaceClaim**

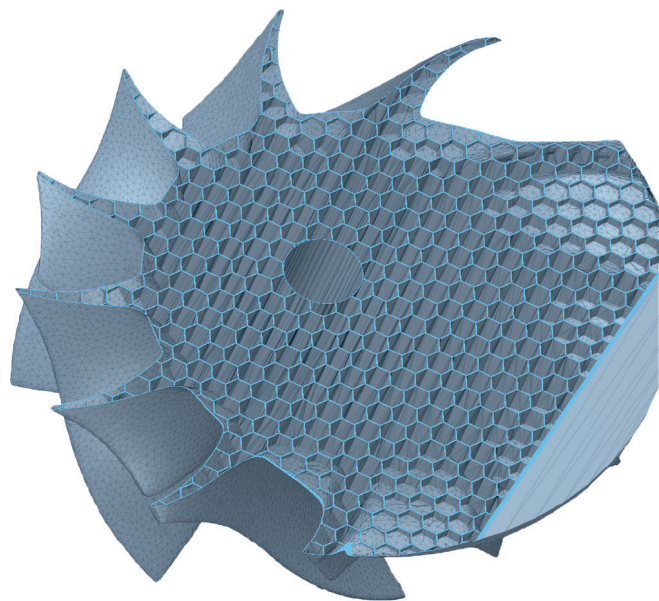
The fastest solution to create,  
edit, and repair 3D data.



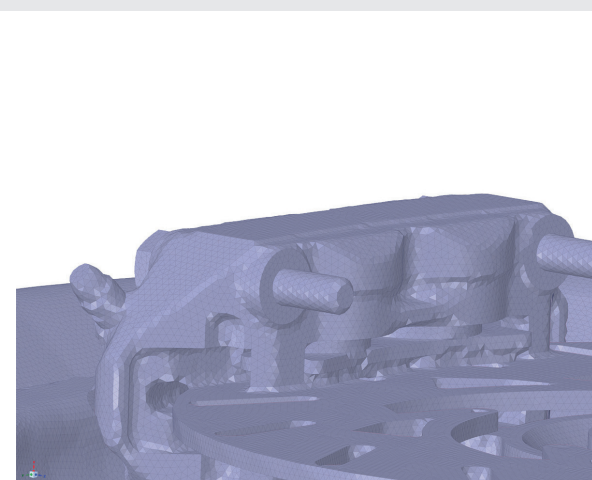
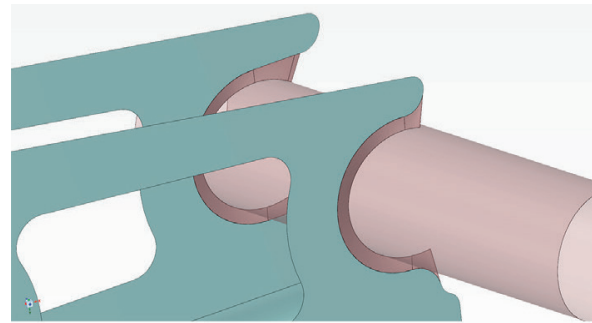
Ansys SpaceClaim is the fastest platform for working with geometry, whether to design a part, prepare a model for downstream jobs, or reverse engineer an STL file.

With the release of Ansys SpaceClaim 2016, we deliver 10x faster 3D modeling than any other product on the market today.

Ansys SpaceClaim customers will speed up their time to market with 10x performance improvements, more tools for faster geometry creation and editing, and expanded file import and editing capabilities. Ansys SpaceClaim empowers customers to realize efficiency gains across their entire product workflow.



Ansys SpaceClaim is a product



# Ansys Space Claim

## The fastest solution to create, edit, and repair 3D data.

### Multiple Performance Enhancements

- ✓ Including 60% reduction in startup time; 10-50x speed up time for large model save and load time; and 200x speed improvement to tools like Imprint
- ✓ Import Enhancements such as: ECAD (Cadence, GDSII, ODB++ , etc) with variable fidelity import; Sketchup 2015; Solidworks 2015; Creo 3.0; ST 7; CATIA V6
- ✓ Graphical support for DirectX11 and OpenGL
- ✓ New language support: Russian, Dutch, Hungarian

### Design Enhancements

- ✓ Live linking with Keyshot is now available to easily update edits to a model in Keyshot without redesigning the rendering scene
- ✓ Users will be especially excited about the new ability to flag groups for locking/monitoring dimensions and the new scripting option which will be out in Beta
- ✓ In addition, there will be enhancements such as: Patch blend preview; Interactive curve, drag, snap, and copy; Ability to wrap points

### New Reverse Engineering tool

Our Skin Surfacing tool allows Ansys SpaceClaim users to more easily reverse engineer complicated geometry quickly by surface fitting to faceted models. Users can direct edit the patch boundaries, connect neighboring patches, create 4-sided, 3-sided, domed, and periodic patches, and automate smoothing

### 3D Printing Enhancements

- ✓ Another exciting new feature is our new Shrinkwrap Tool for 3D printing, which makes it easier and faster to repair STLs and create watertight faceted files from complicated geometry
- ✓ Import PLY files and Import/Export VRML files
- ✓ We improved the sensitivity in our Thickness Detection Tool and improved our Autofix Tool to correct over-connected angles
- ✓ Customers will see a 50-100% performance improvement for many of our 3D printing tools