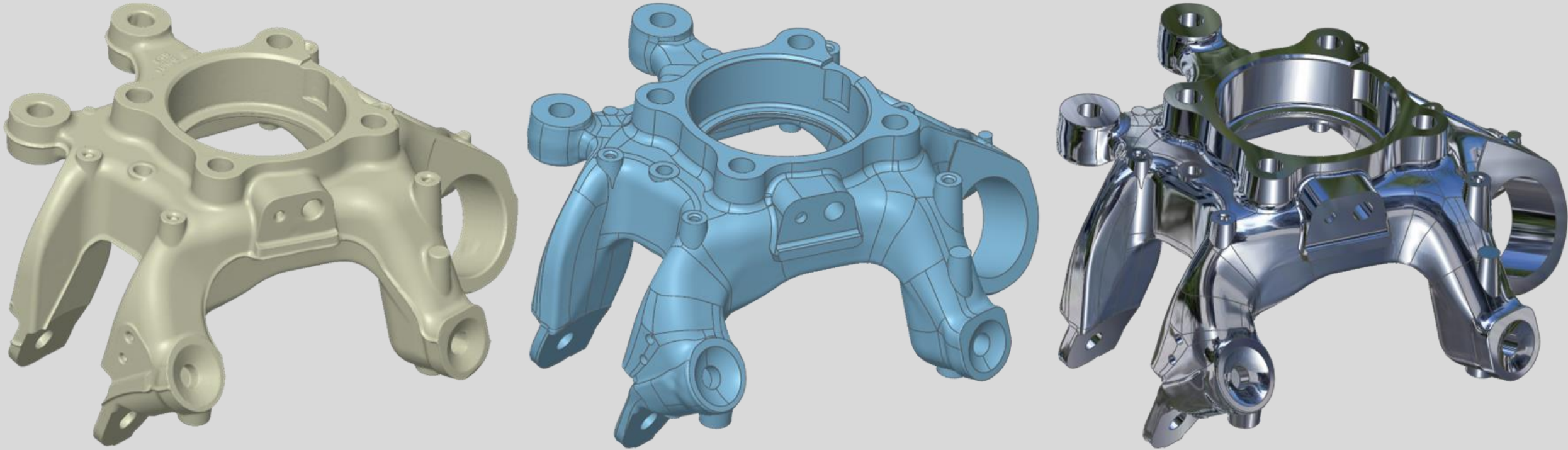


QUICK **surface**
The modern 3D Reverse engineering software

www.quicksurface.com

What is 3D Reverse engineering?

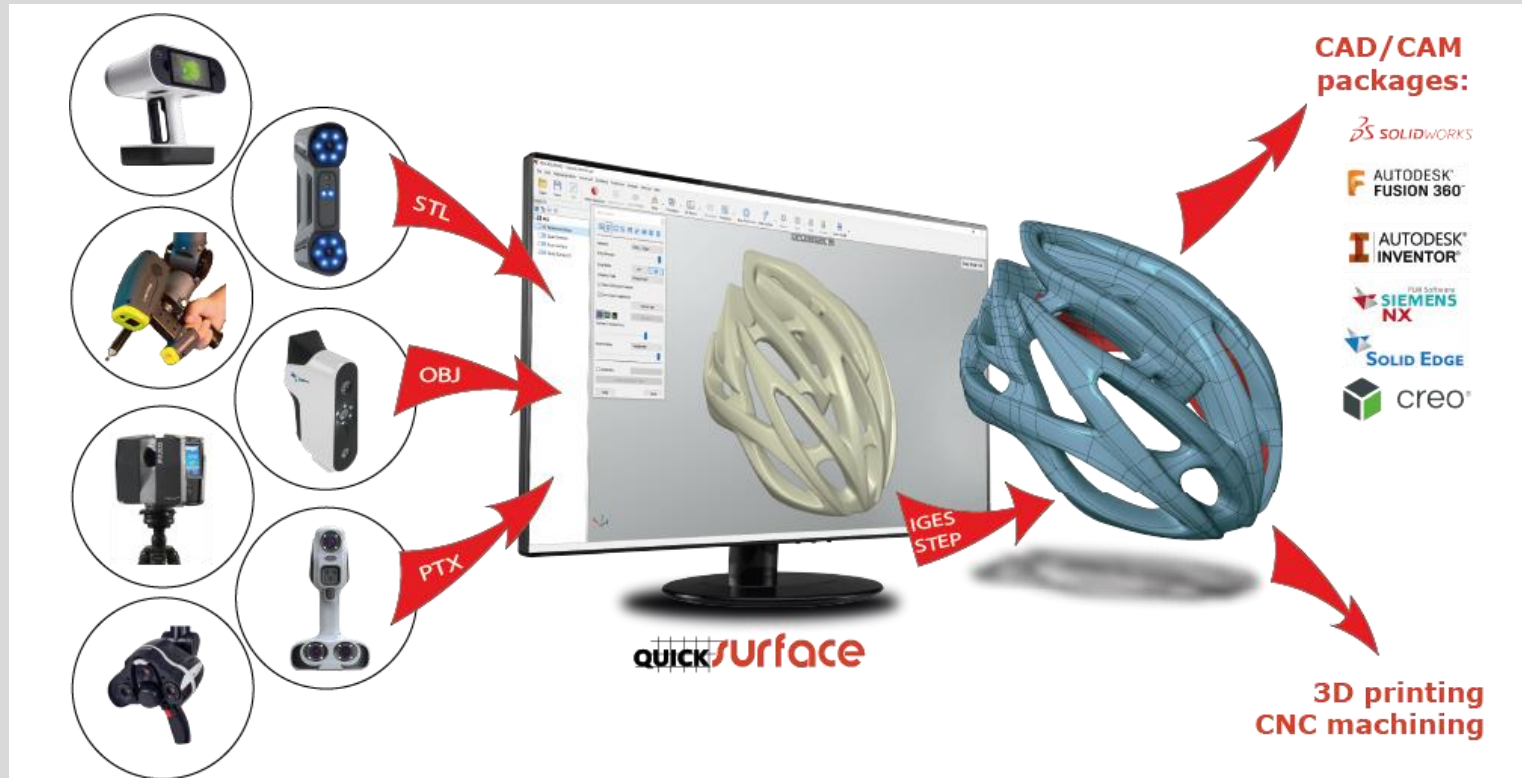


3D Reverse Engineering is a powerful way to create **digital designs** from a **physical part**.

Save more than 50% on time and efforts using QUICKSURFACE for 3D reverse engineering.

What is QUICKSURFACE ?

The Bridge between 3D Scanning and Manufacturing



The most effective 3D Reverse engineering software for Hybrid modelling on the market.

QUICKSURFACE is a standalone Windows 64-bit application for 3D reverse-engineering.

Solutions Approach

“Customers don’t buy products or services;
they buy solutions to problems.”

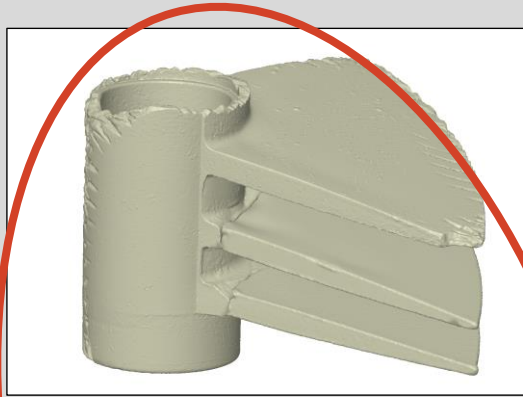


3D scanner + **QUICKSURFACE** = Reverse Engineering solution

When do you need 3D Reverse engineering?

Primary 3D Scanning Applications

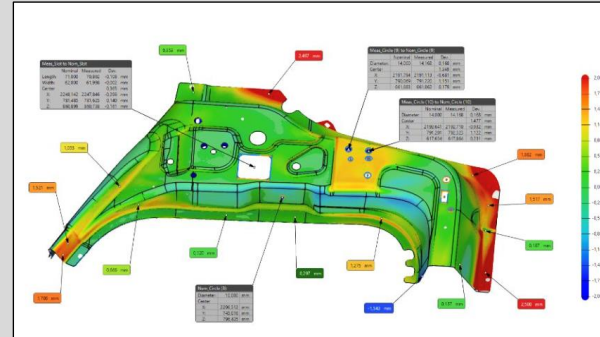
Scan To 3D Print



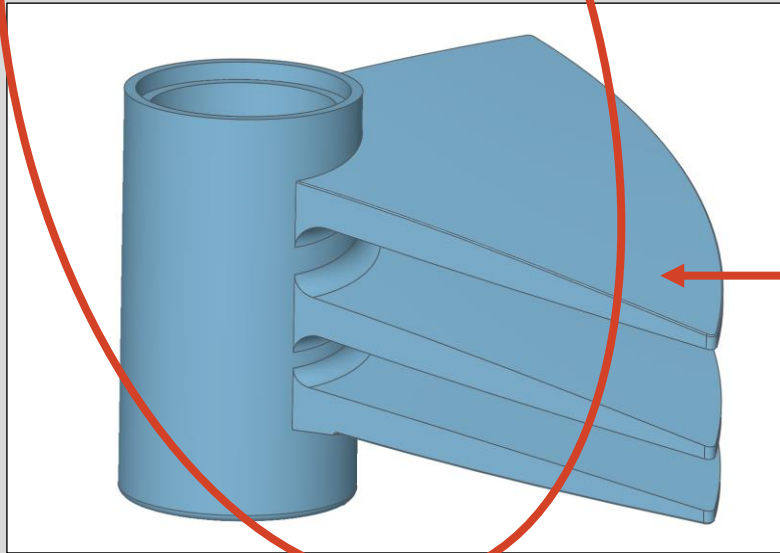
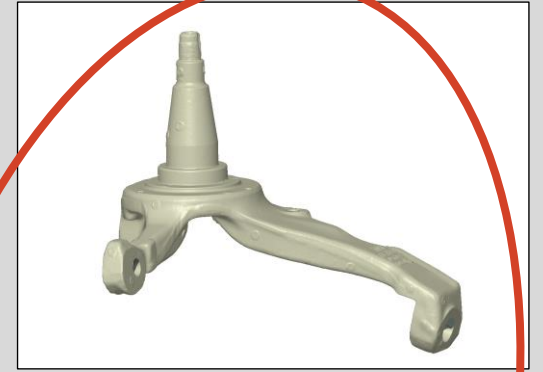
Scan To 3D Visualization



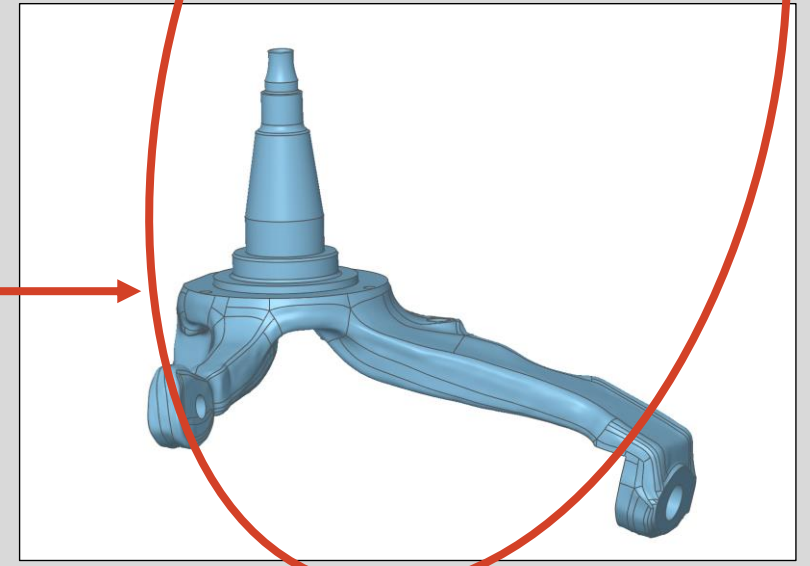
Scan To Inspect



Scan To Manufacture

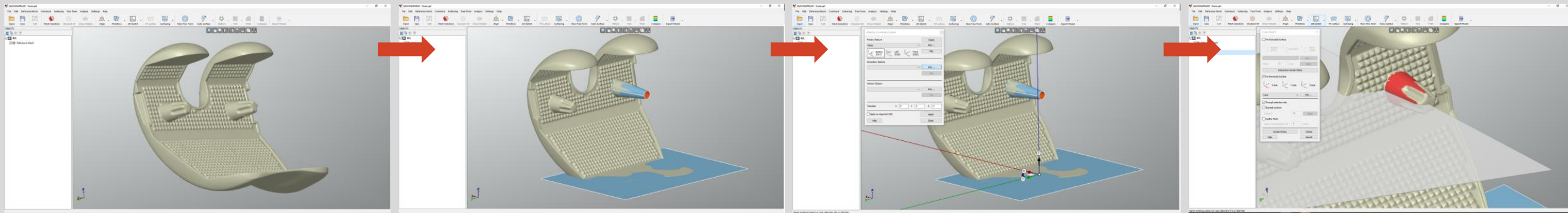


QUICK surface



How QUICKSURFACE works?

QUICKSURFACE is a complete **Reverse-Engineering** solution that complements any **3D scanner** and is created for engineers who want access to **3D modelling**, but do not have the time to learn complex traditional **CAD** systems.

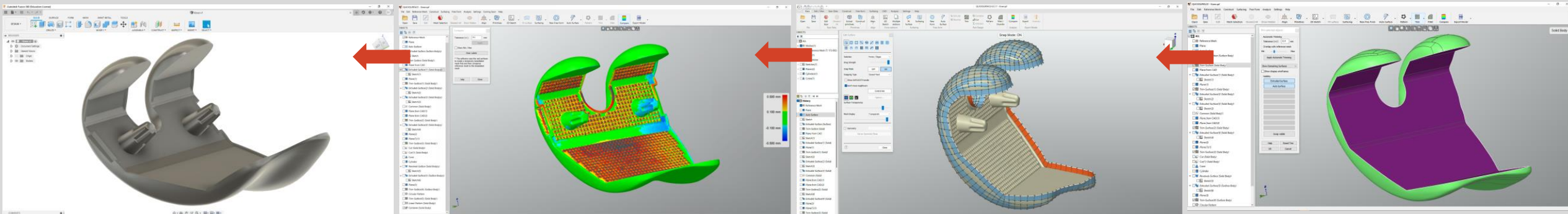


Scan your object and import it as STL, OBJ or PLY mesh, or PTX point cloud into QUICKSURFACE.

Extract primitives as planes, cylinders, cones and spheres quickly.

Align the object into the world coordinate system using the extracted primitives.

Extract cross sections and define 2D sketches for extruded and revolved surfaces



Export your CAD model for use in other packages using the industry standard format STEP or IGES.

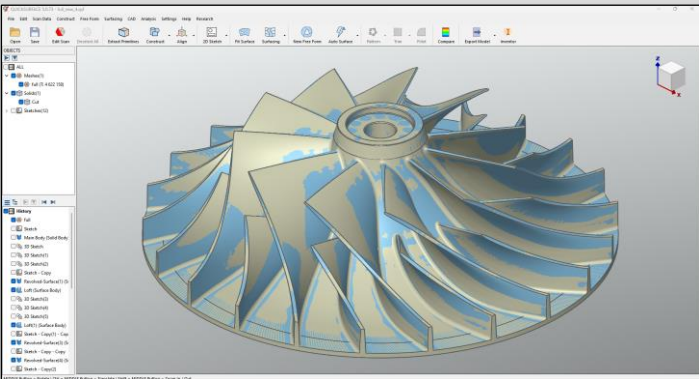
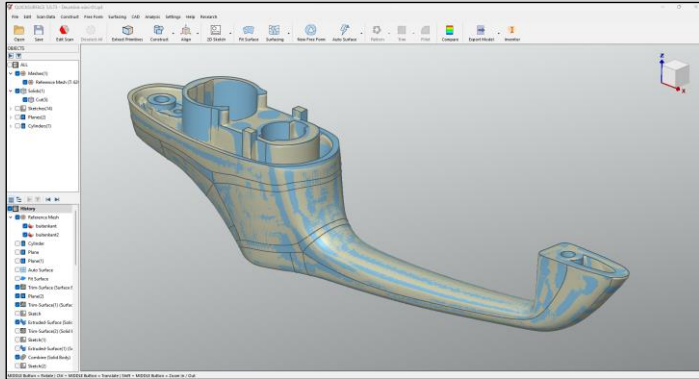
Use Deviation Analyser to compare the result to the reference scan to see the quality of the process.

Use Quad surface to reconstruct Free form surface which is not possible with the standard methods.

Use traditional CAD features to build solid or surface models. Use Trim command to create connected surfaces.

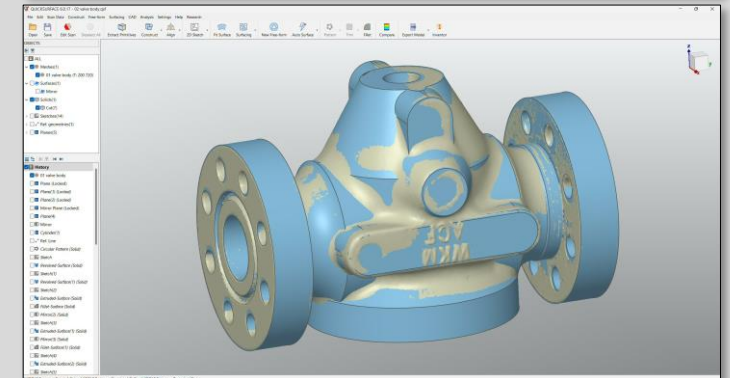
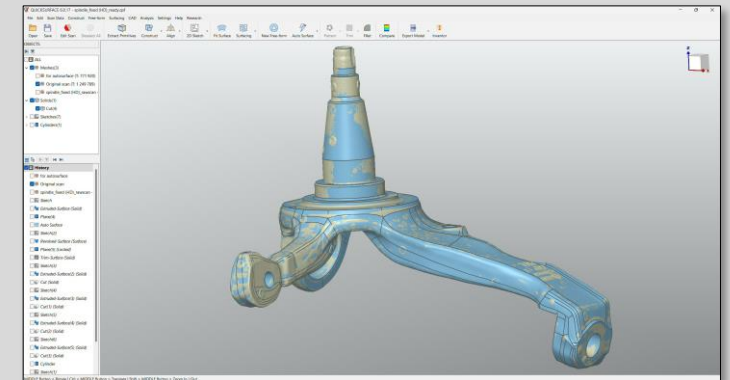
What are the main QUICKSURFACE features?

Simple, powerful yet affordable 3D Reverse Engineering software



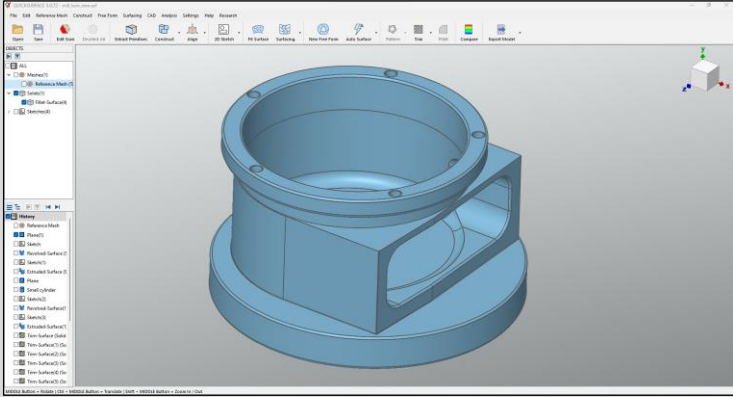
FEATURES:

- Interactive selection
- Parametric Modelling
- Automatic Surfacing
- Free Form Modelling
- Real-time Deviation Control
- Hybrid Modelling
- 2D and 3D Sketching
- Dimensioning and Constraints
- User Controllable Accuracy
- Mesh Realignment
- Geometric Primitive Extraction
- Loft, Sweep and Pipe surfacing
- CAD Boolean operations
- Trimming & Edge filleting
- Fillet & Chamfer
- Patterns and more....

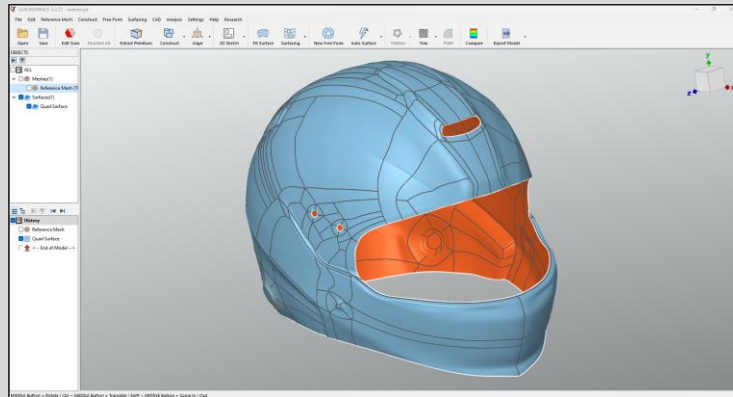


Created for professionals and non-professionals to convert 3D Scanned STL meshes with simplicity and ease.

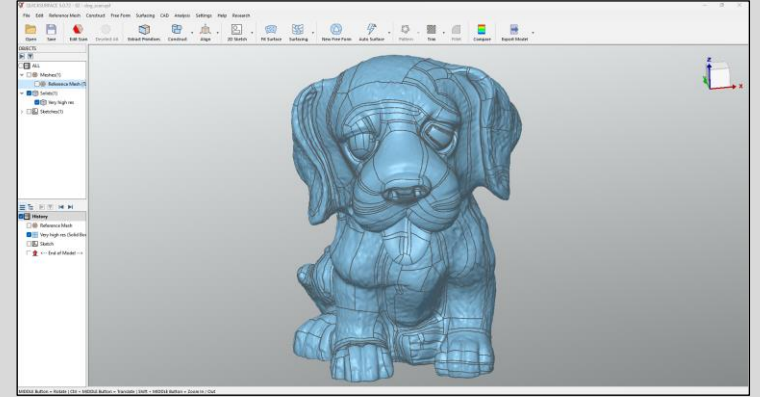
What type of objects QUICKSURFACE can work on?



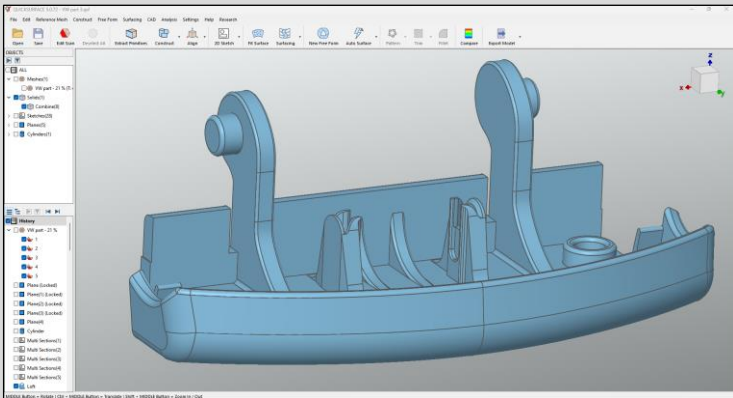
Prismatic



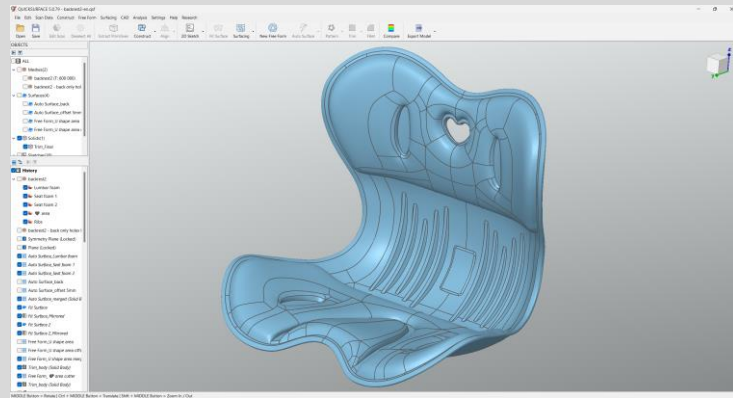
Free form



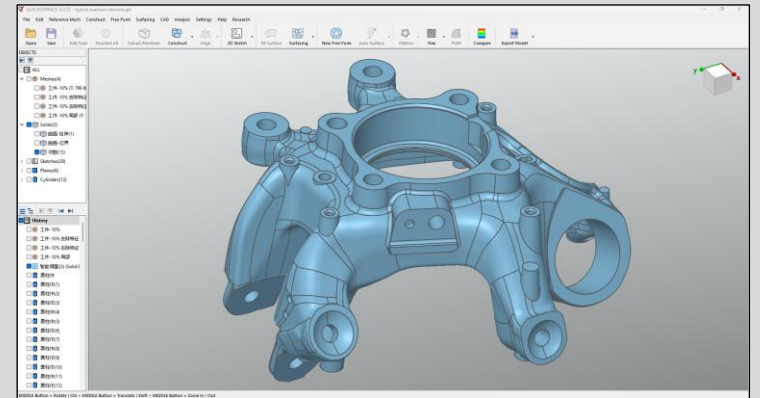
Organic



Mechanical



Hybrid

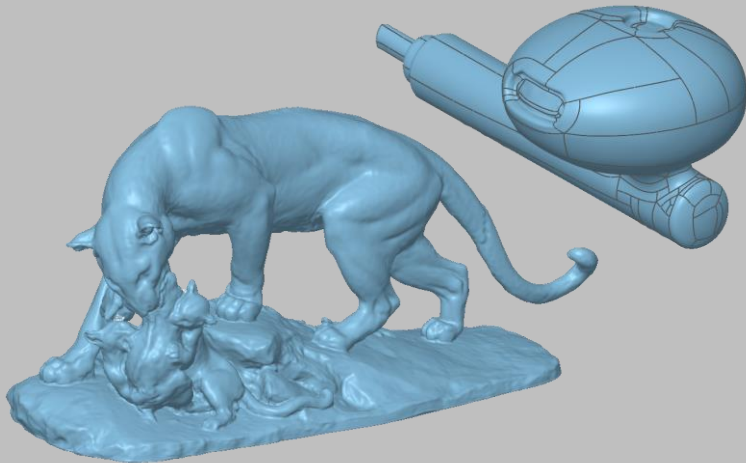


Hybrid

Automated vs Manual surfacing

When to use 'auto' surfacing

1. Precision is less important
2. Freeform / organic surface
3. You need quick results
4. Rough surface is enough for the application.

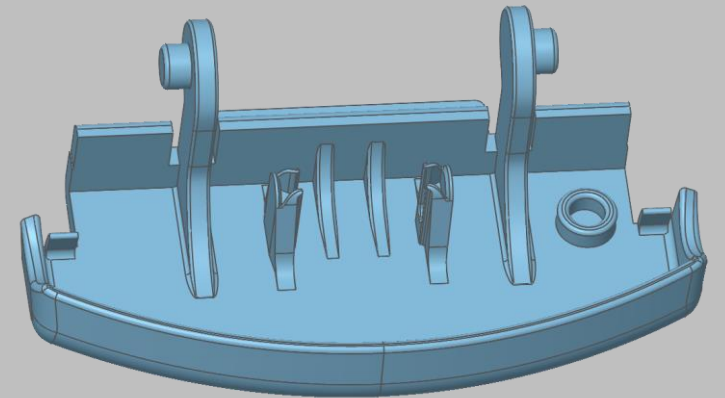
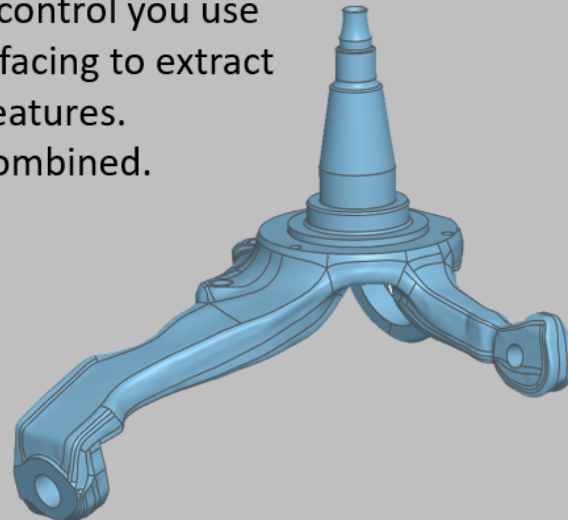


When to use 'manual' surfacing

1. Precision is most important
2. Especially for mechanical features
3. You want full control over geometry
4. Need full control over the design intent

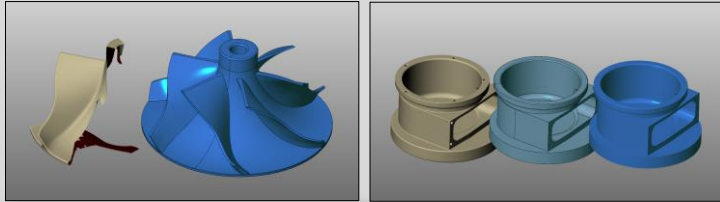
Hybrid Modelling

1. Some areas where precision is less important you use free form modeling.
2. Some critical areas where you need full geometric control you use manual surfacing to extract prismatic features.
3. Perfectly combined.

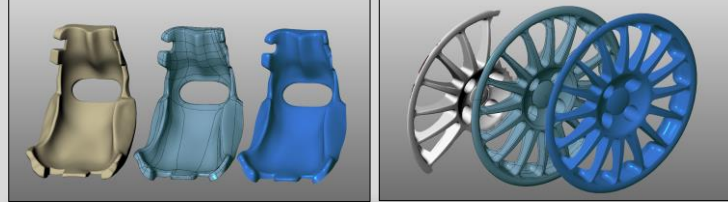


INDUSTRIES

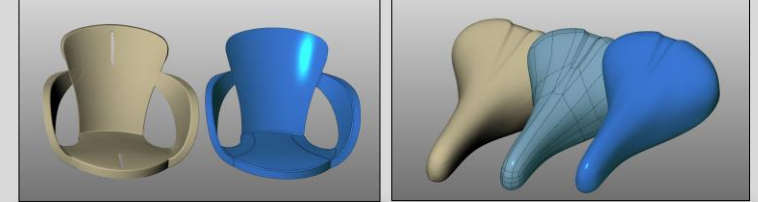
Manufacturing



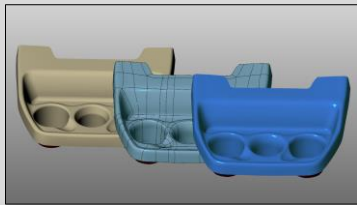
Automotive & Aerospace



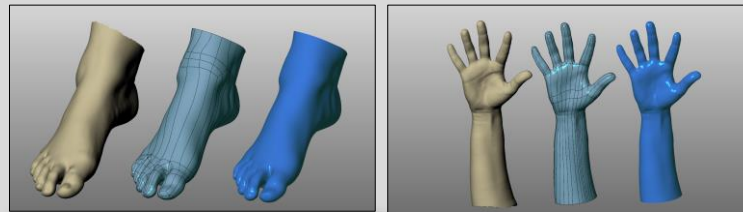
Industrial design & Goods



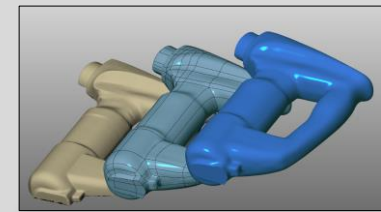
Tooling & Mold Making



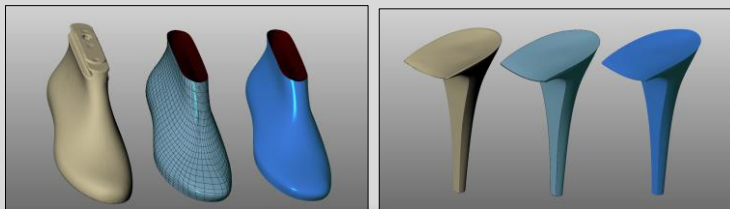
Dental & Medical



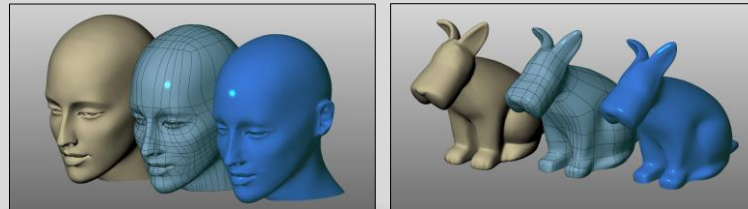
Electronics & Robotics



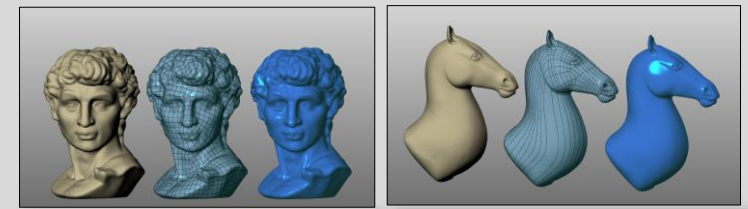
Fashion & Apparel



Architecture, Art & Entertainment



Heritage & Archaeology



Who we are?

KVS Ltd is an UK based company experienced in 3D scanning for more than 26 years – the team has extensive knowledge in metrology, data processing, large data handling, numerical algorithms and 3d data processing and visualisation.

The company has two offices:
Cambridge, United Kingdom and Sofia, Bulgaria



1996



2023

The company was actively involved in development of the first hand-held scanner (now Nikon ModelMaker)

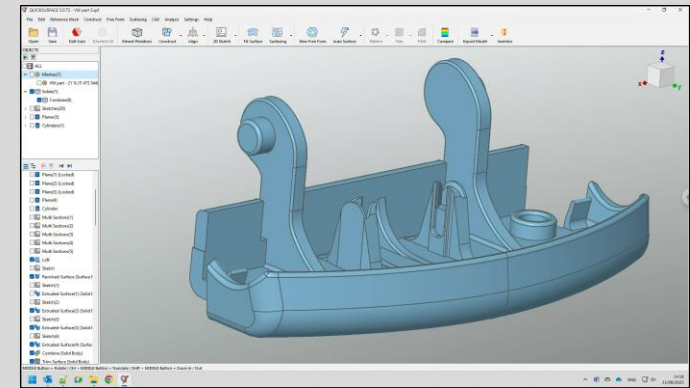
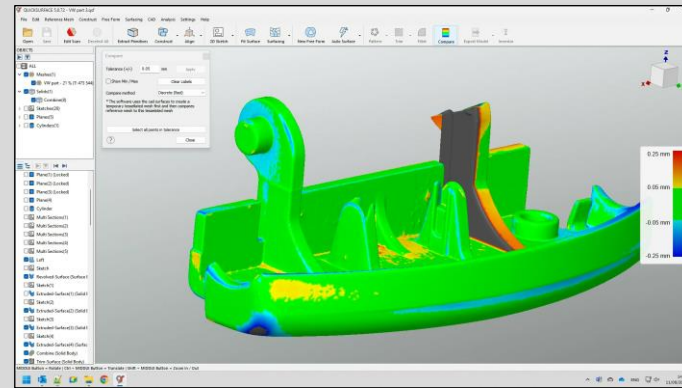
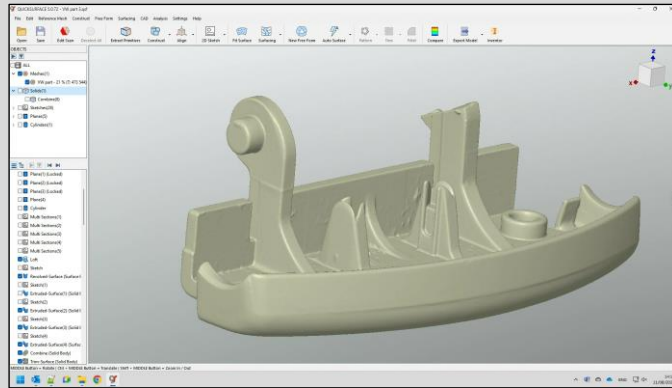


Kostadin Vrantzaliev - founder

"Thanks to the requirements on my position, I had the opportunity to visit many customers and understand their needs when scanning physical objects. 3D Scanning is a great step in the whole pipeline, but it is not on its own – you need to do something with the scanned data. This helped me to understand what people expect and gave me the chance to apply this in development of our products. Based on all this experience, we are happy to provide our products the way they are – simple, easy to use, fast, accurate and efficient."

Benefits of QUICKSURFACE products

Although today people can take scanned meshes and print them (scan-to-print) – this cannot solve all their needs.



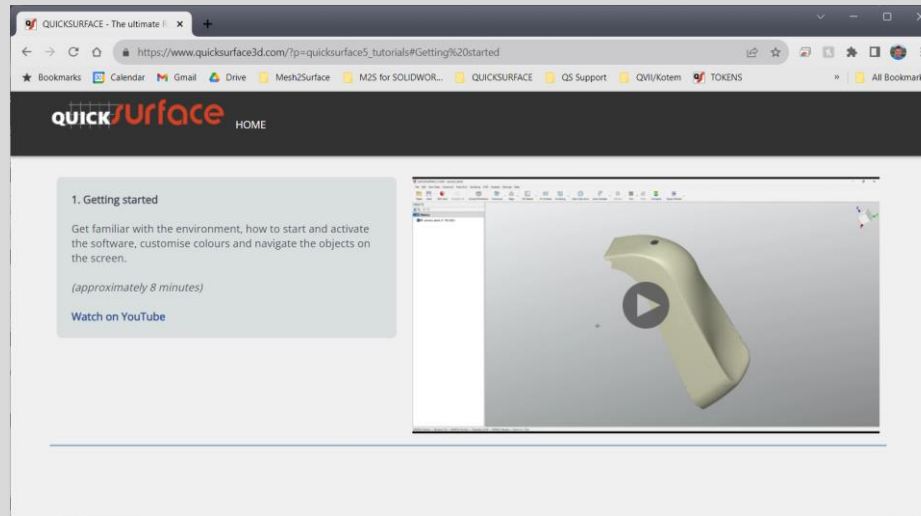
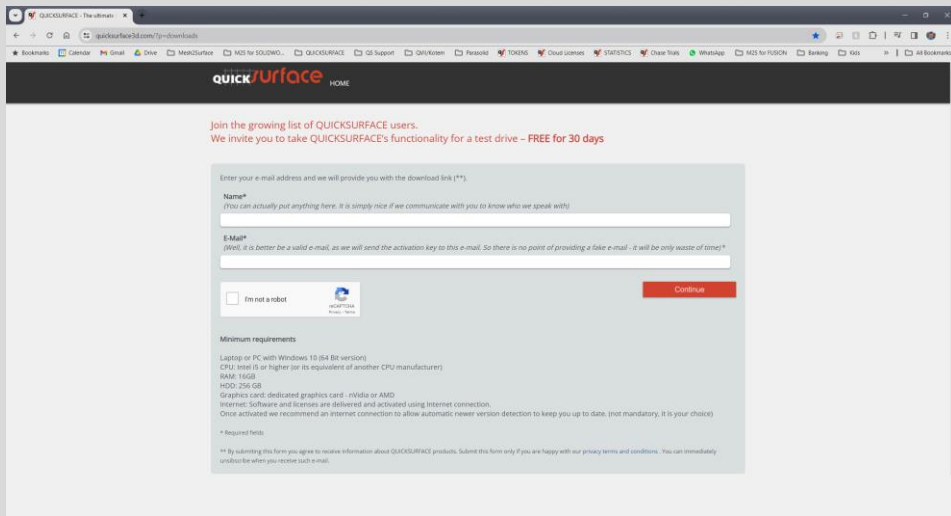
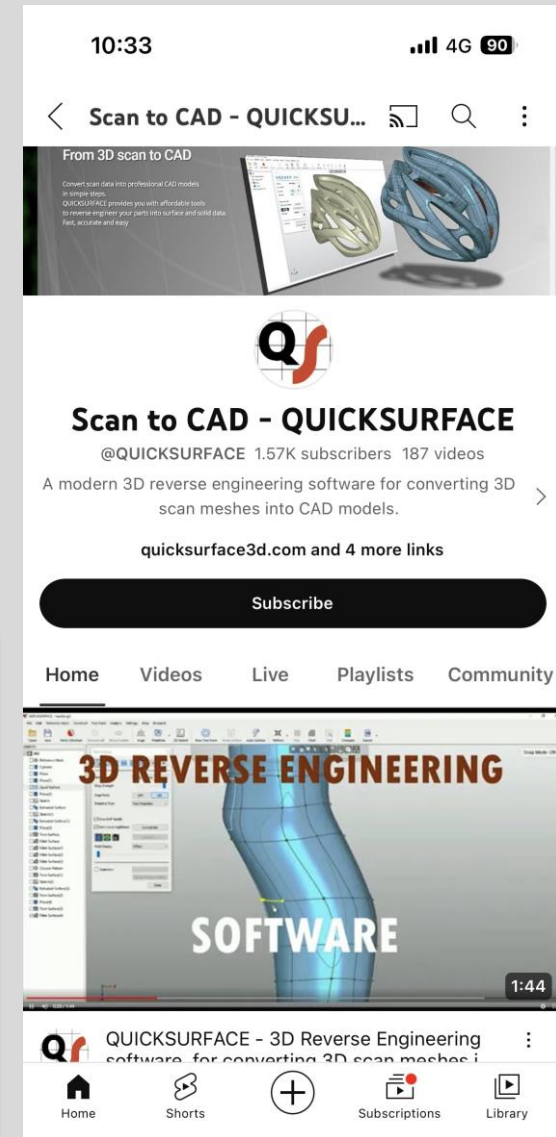
The products give you the power to:

- Create producible designs
- Edit and repair CAD data for broken tools and moulds
- Increase design capabilities
- Use existing assets to reverse engineer new parts
- Transform physical parts into CAD for new custom-made designs
- Create new parts to fit with existing parts
- Simplify models for simulation
- Prepare models for manufacturing
- Speed up your time for manufacturing
- Export remodelled data for 3D printing
- Reduce costs for design

Support

- Easy to learn, easy to train.
- 130+ on-line tutorial videos
- Example files available with the installation
- Worldwide reseller's network
- Responsive team

Get your FREE 30 days trial from: www.quicksurface.com



www.quicksurface.com