

new

nanoCAD 3DScan is specialized software designed for processing 3D scanning data and tackling engineering and informational challenges across fields such as geodesy, mechanical engineering, construction, infrastructure, and metrological monitoring.



**Powerful
3D data processing**



**Wide range
of tools**



**Multilanguage
interface**



**Made for various
industries**

Basic functionality

- Import, export
- Storage
- Display
- Section, Trimming
- Views
- Coloring

Pre-processing

- Stitching, registration
- Filtering
- Segmentation
- Classification
- Image orthotransformation

Measurements

- Volumes, areas and distances
- Parameters recognized geometry of surfaces
- Comparison of clouds with models and clouds

Modelling

- Building 2.5D and 3D models
- Simplification, editing of models
- Texturing

Geometry analysis

- Recognizing geometry
- Geometry inscription
- Vectorization and section analysis

Utilities

- Photorealistic visualization
- Video recording
- Information modelling
- Open API

Types of Laser Scanning data to be processed



Surface



Air



Mobile



Other
Types

NPC Formats Supported

BIN E57 FBX LAS LAZ PCD PLY PTS PTX RSC (RCP) TXT (XYZ) XYB

Flexible Licensing

- **1-year subscription** to get started right away at minimal cost
- **3-year subscription** gives a perpetual license and full support and upgrades for 3 years
- **Workstation license** can be used on a single computer and cannot be transferred
- **Network license** can be used on any computer on the local network

