

ScanSpace

Capture, Analyze, Design

Welcome to ScanSpace

Where Precision Meets Innovation

About us:

ScanSpace is an innovative company specializing in advanced 3D scanning, 3D modeling, and engineering technologies. Our mission is to enable precise and efficient capturing and analysis of spaces and objects to deliver high-quality services to our clients.

Our services include:

- 3D object scanning
- Engineering and 3D modeling
- Analysis and technical documentation creation

Our Mission:

At ScanSpace, we believe that precision is the key to success. Our mission is to provide the highest level of services in 3D scanning and engineering, enabling our clients to make informed decisions based on accurate and detailed data.

Faro Focus Premium 3D Laser Scanner



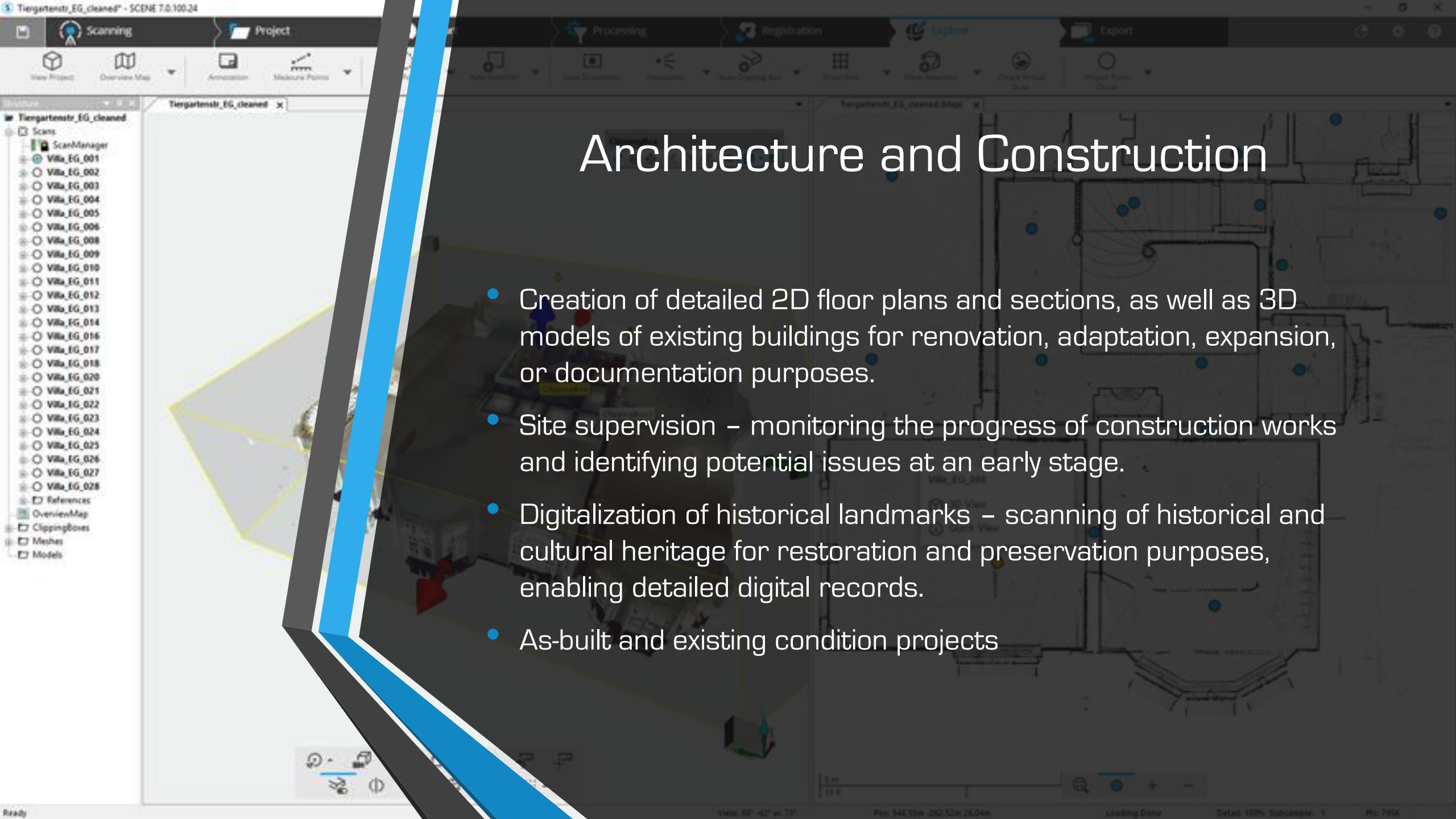
- Enables precise scanning, whether it's for indoor or outdoor objects
- Covers distances up to 70 meters with high accuracy
- Provides high scanning precision tailored to the specific project requirements
- Equipped with a built-in 360° camera for creating detailed photo documentation



Faro Focus Premium 3D Laser Scanner

- Rapid data collection capability, with a scanning speed of up 1.000.000 Pt/s
- Realistic project visualization in Point Cloud Viewer, allowing for navigation through scans and taking precise measurements
- Data export in various formats: .e57, .wrl, .rcs, .xyz, .xyb, .igs, .pts, .pod, .cpe, .las, .spw, .dwf, .dwfx,
- Ability to view captured data in free software like Navisworks Freedom
- Ideal for applications in fields such as architecture, construction, mechanical engineering, and more



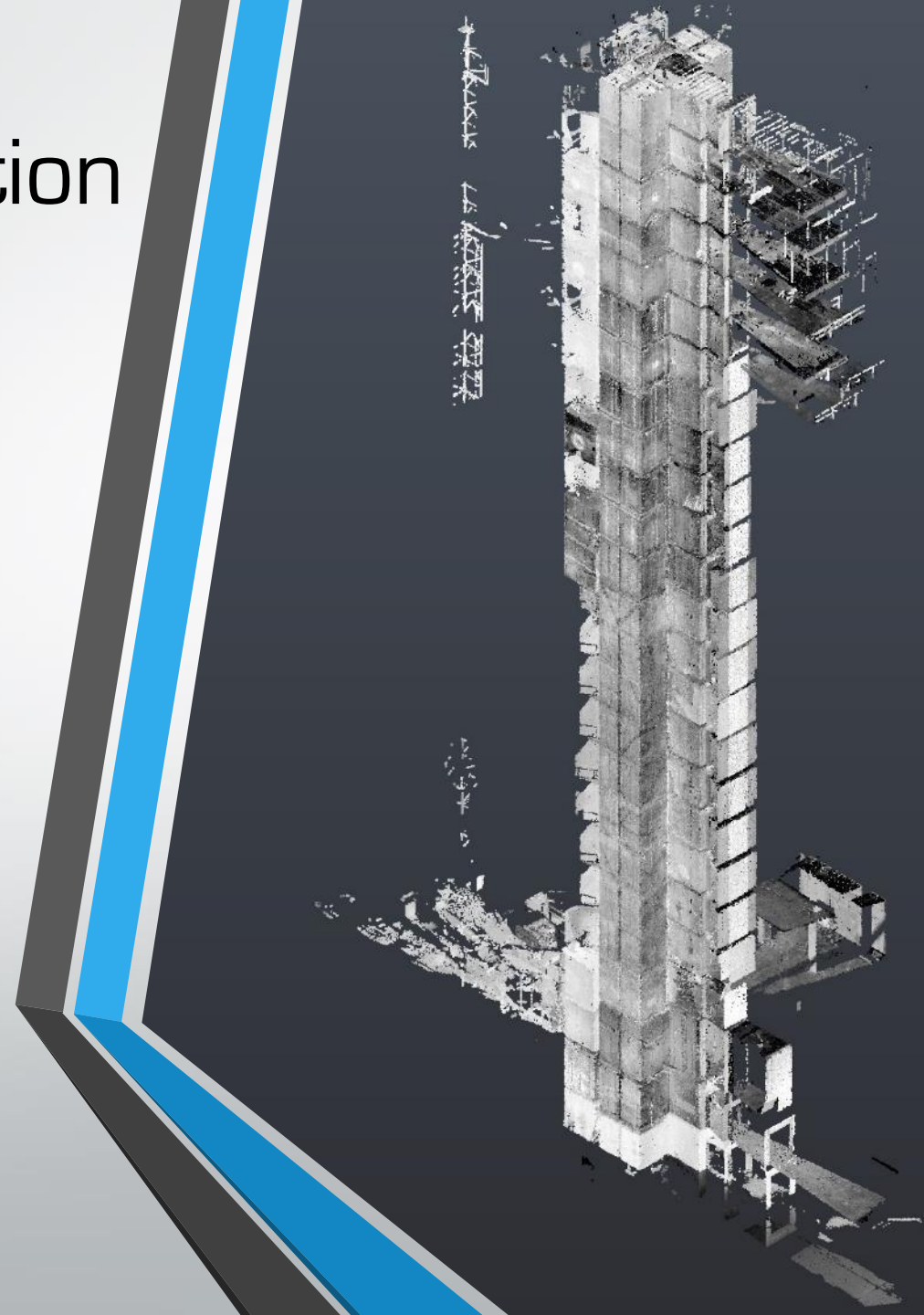


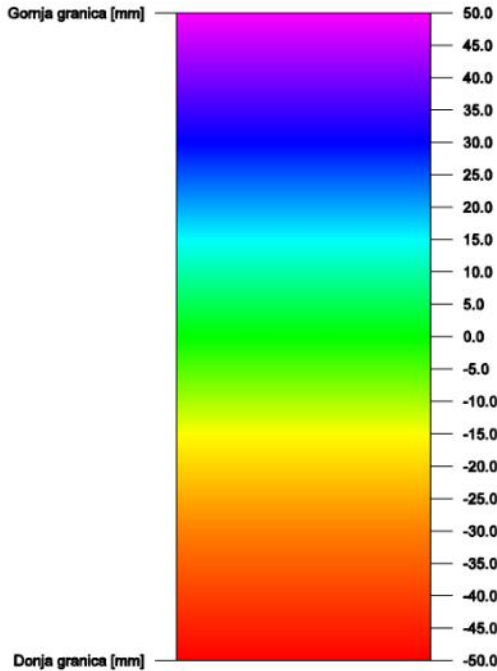
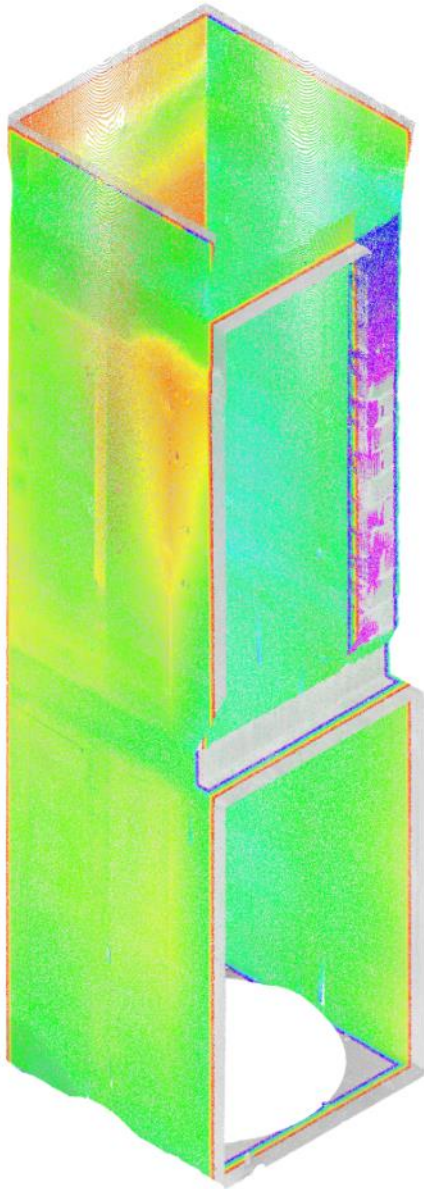
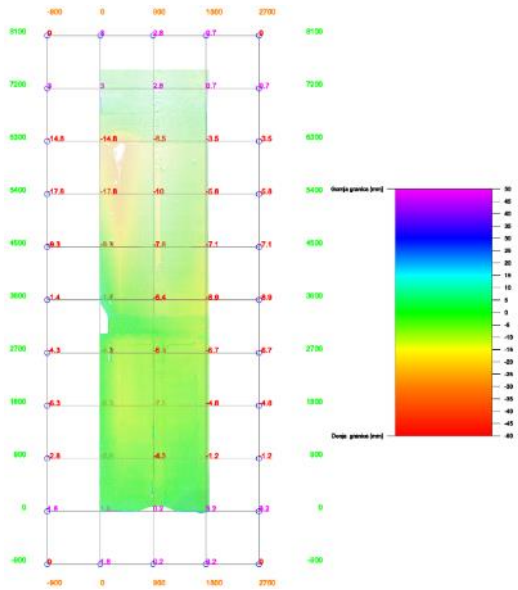
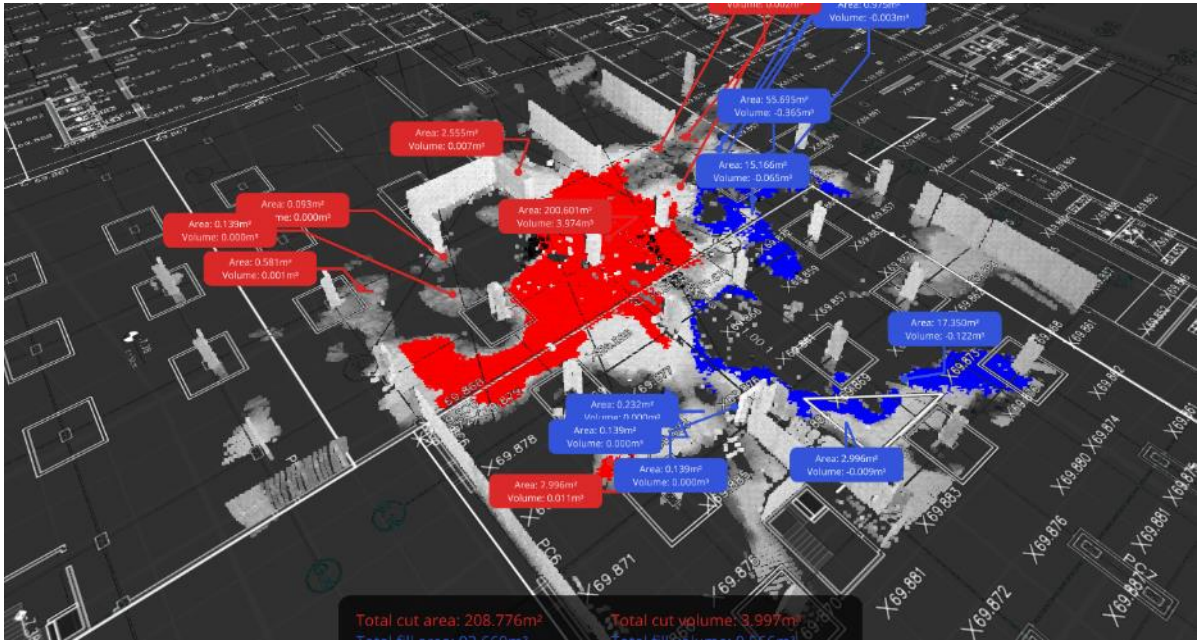
Architecture and Construction

- Creation of detailed 2D floor plans and sections, as well as 3D models of existing buildings for renovation, adaptation, expansion, or documentation purposes.
- Site supervision – monitoring the progress of construction works and identifying potential issues at an early stage.
- Digitalization of historical landmarks – scanning of historical and cultural heritage for restoration and preservation purposes, enabling detailed digital records.
- As-built and existing condition projects

Architecture and Construction

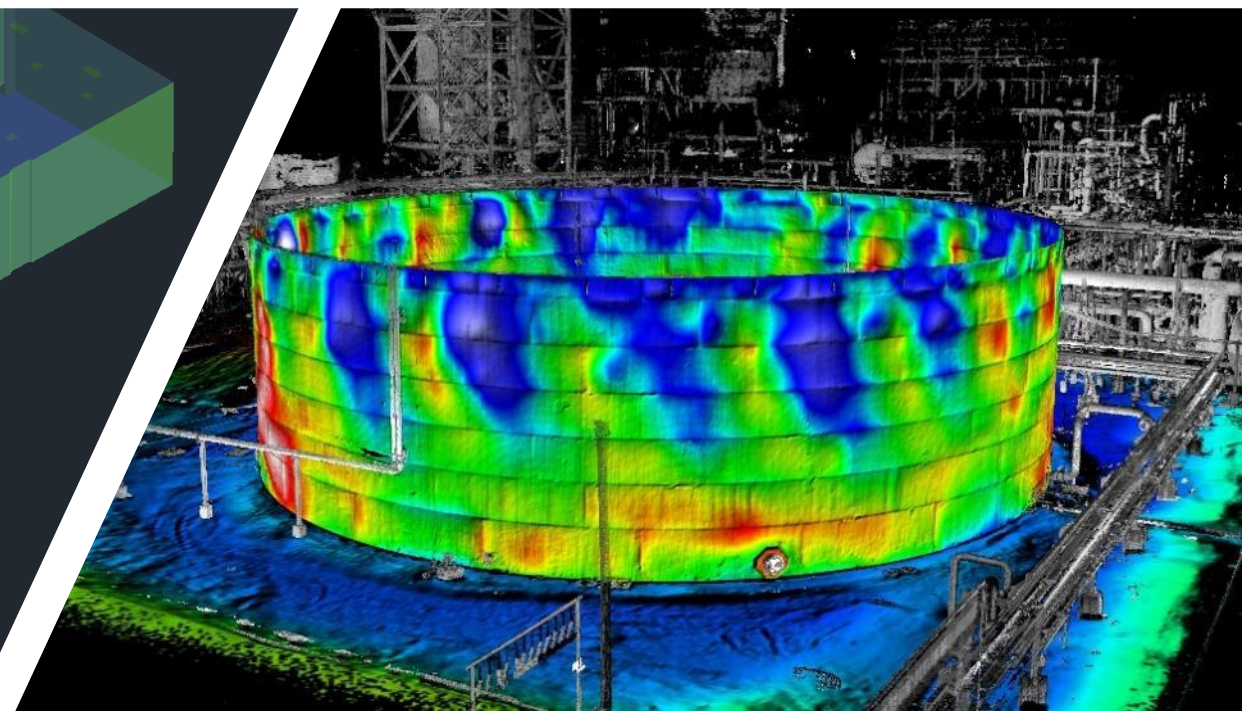
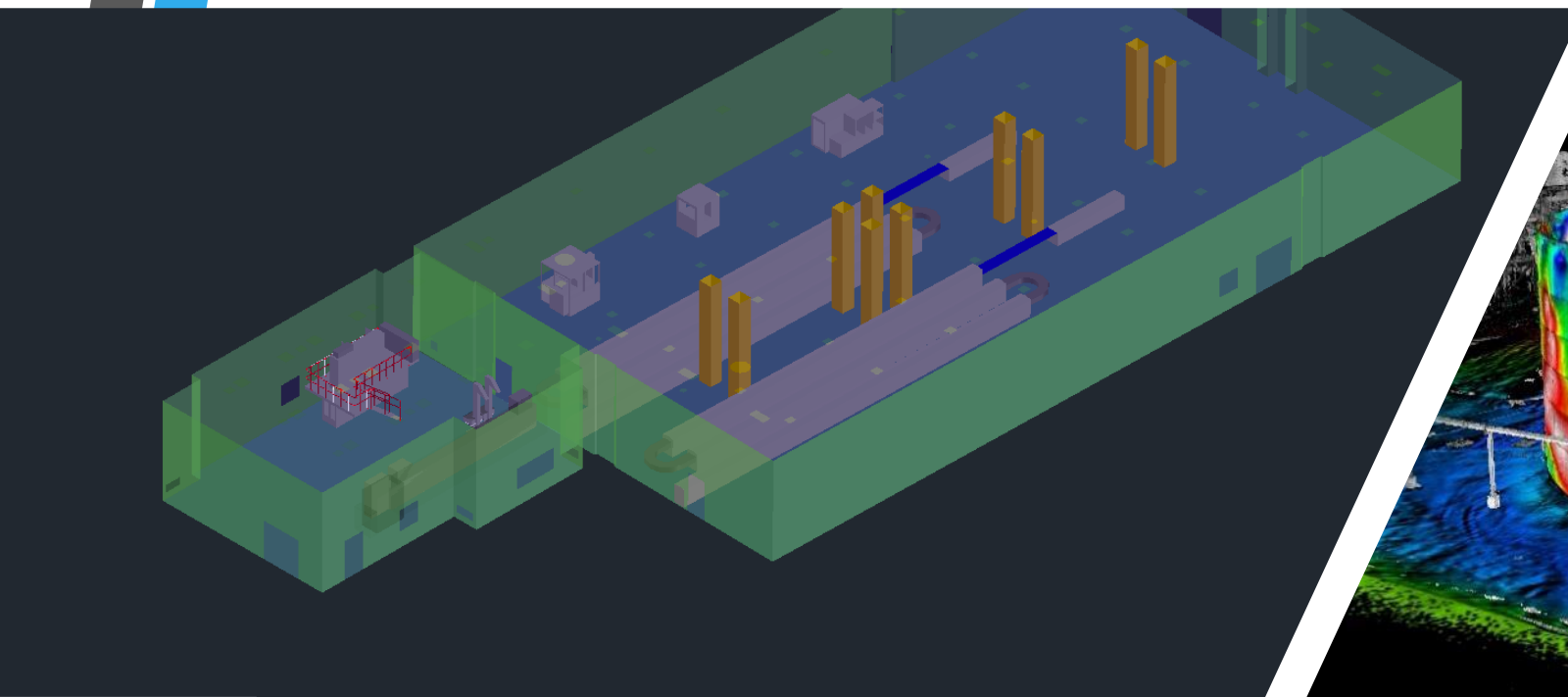
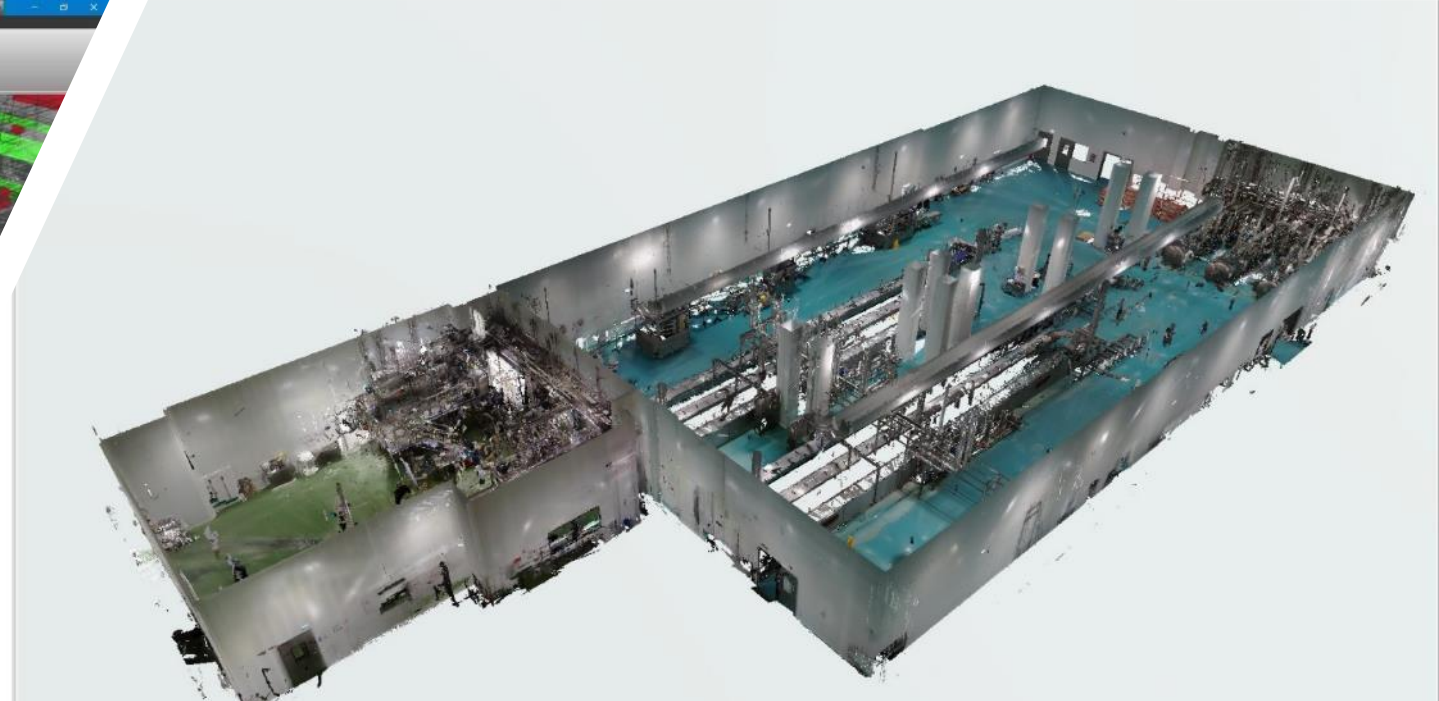
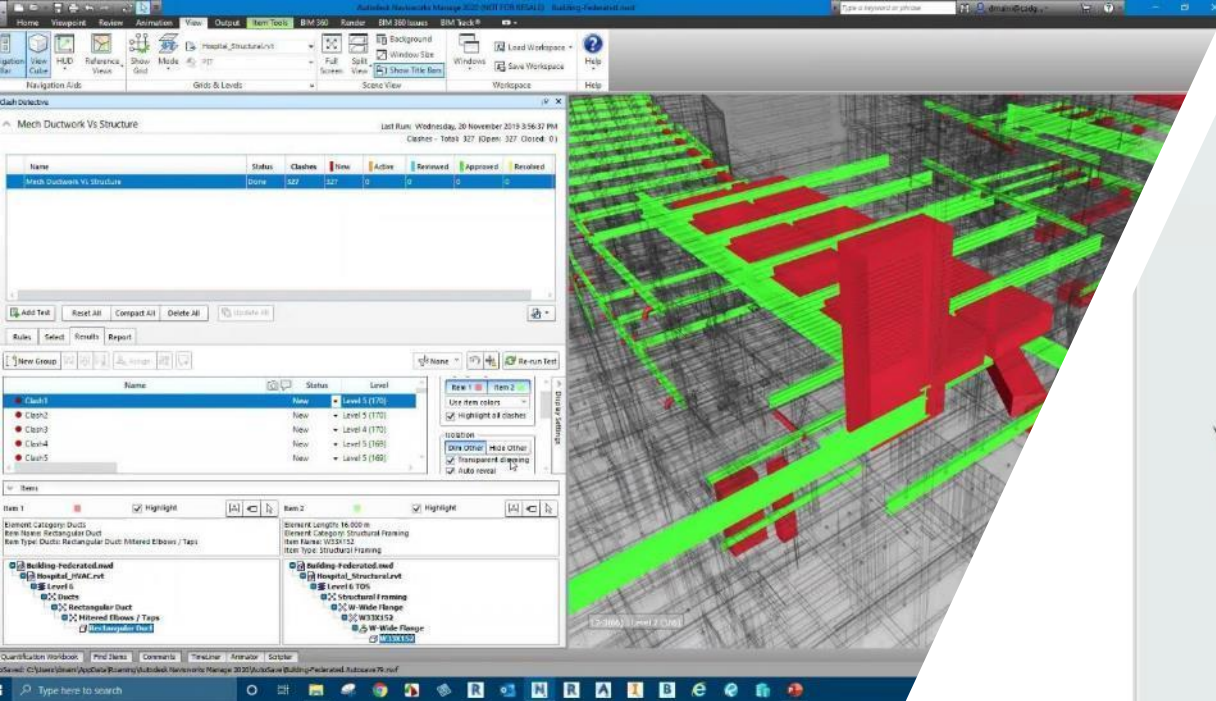
- Surface analysis during earthworks – the ability to perform immediate and rapid surface analysis to ensure flatness and accuracy.
- Capability to generate quick reports on the quantities of material that need to be added or removed during flooring works.
- Detailed analysis of various surfaces, whether flat or cylindrical, using sophisticated software.
- Accurate terrain mapping – the ability to create detailed topographic maps and analyse the land surface before the commencement of construction works.
- Structural analysis – verification of the accuracy of constructed elements in relation to the design task, identifying deviations and potential errors.
- Report generation with simple visual representations indicating where specific corrections to the observed surface are necessary.





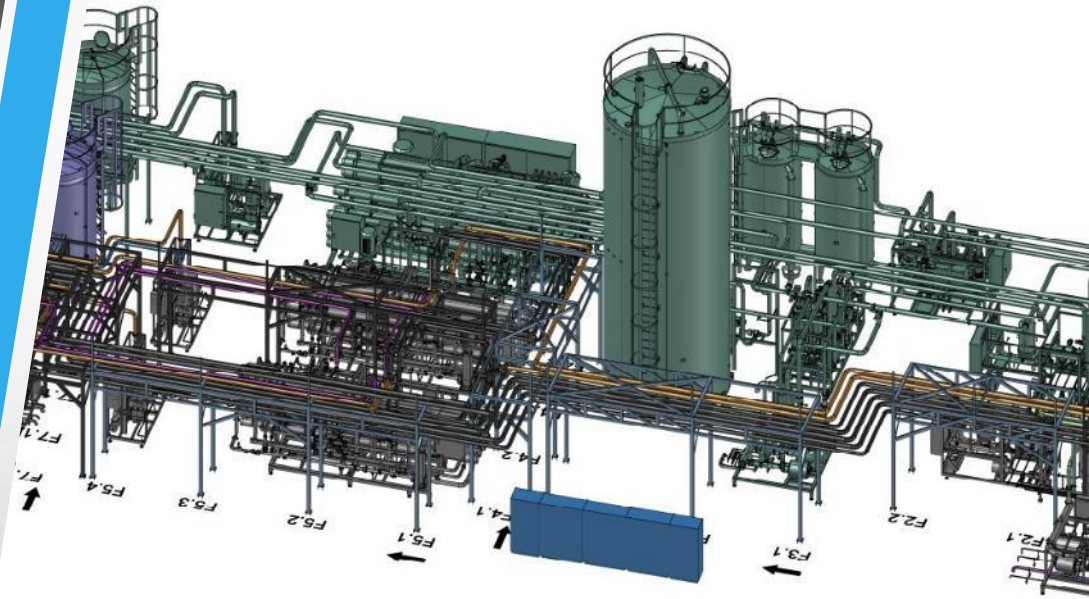
Mechanical Engineering

- Creation of 3D models – precise generation of detailed 3D models of mechanical plants and components from scanned data.
- Inspection of vessels – ability to perform detailed checks of both internal and external surfaces, as well as the volume of vessels.
- Clash Detection – detecting collisions in 3D models of plants with clash detection functionality.
- Creation of digital archives – preparation of digital project documents for existing and constructed machine systems.
- Detailed reporting and complete technical documentation – based on scanned data.
- Daily monitoring of machinery and other installation workflows



Engineering

- Data Registration – detailed processing of scanned data that integrates all individual scans into a single entity – point cloud.
- Data preparation for further use
- Process industry design
- 3D Modeling of process equipment
- Engineering consultations
- Technical support



Why choose ScanSpace?

- Innovative Technology – we use the latest technology in 3D scanning and engineering to ensure top-notch results.
- Wide Range of Services – from 3D scanning and modeling to engineering consultations and process industry design.
- Precision and Accuracy – we guarantee a high level of precision and accuracy in all our services.
- Use of Licensed Software – such as AutoDesk software, Faro software suite, and others.





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Innovation in every dimension