



3D DIGITAL DOCUMENTATION SYSTEM

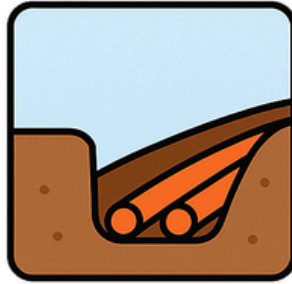


VISION

"CAMGIS is a solution that uses mobile photogrammetry technology to precisely scan underground utility networks, cultural heritage assets, and land parcels, providing automated 3D documentation and integrated data management."



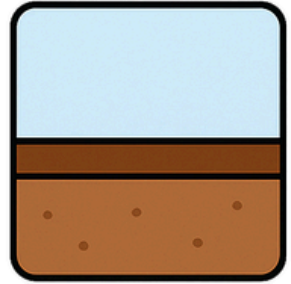
EXCAVATION



PIPE/CABLE
INSTALLATION



3D DOCUMENTATION
WITH CAMGIS



BACKFILL



Without CAMGIS:

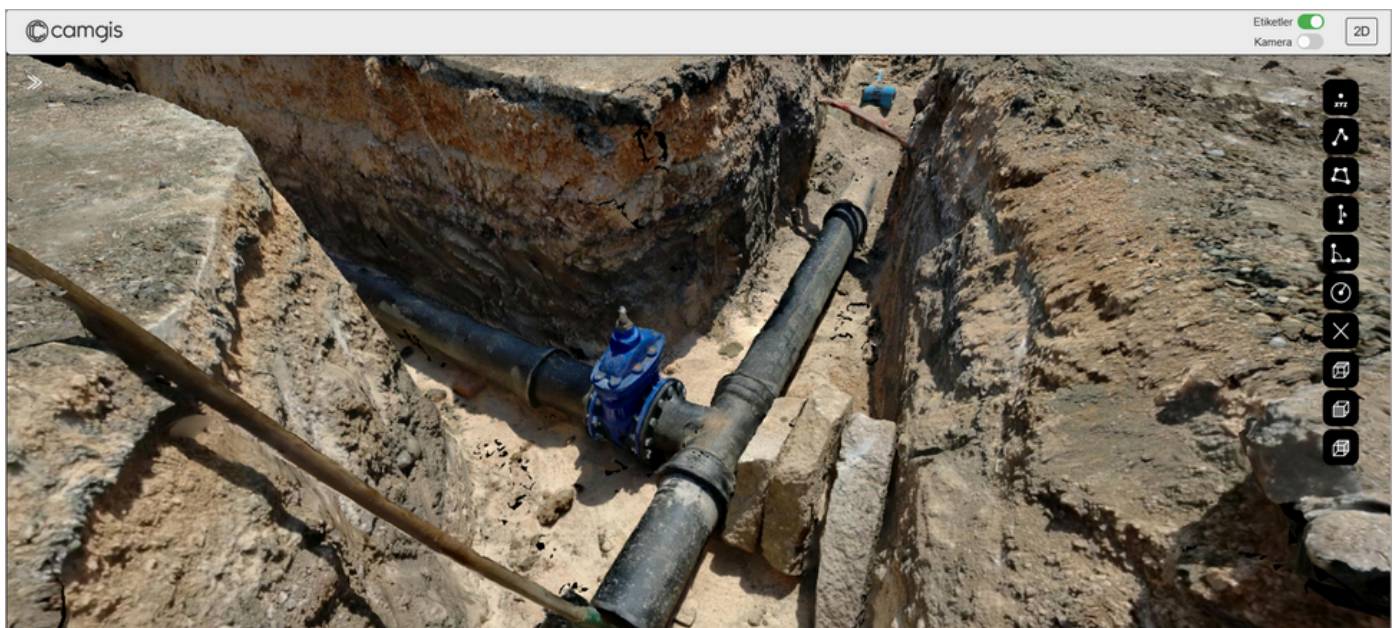
Identifying underground utility lines leads to high costs and project delays.



With CAMGIS:

You gain instant access to underground infrastructure data, eliminating unnecessary investigation costs entirely.

You carry your projects into the future with accurate, reliable, and always accessible information.



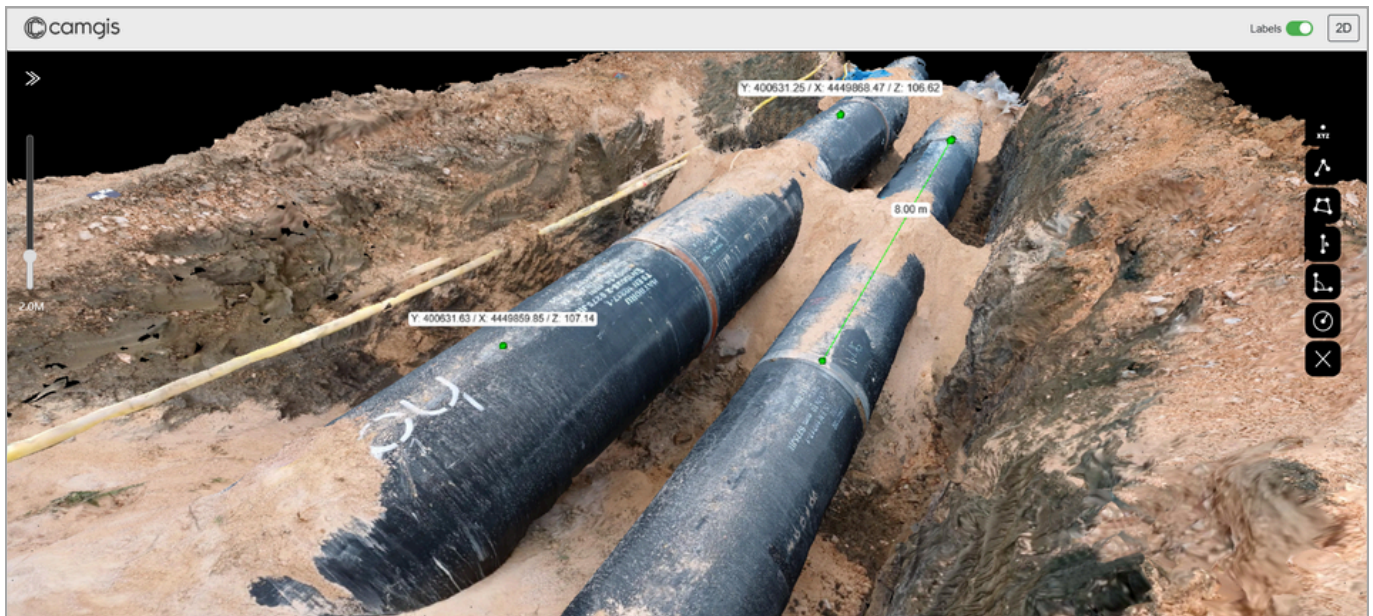
PROBLEM DEFINITION

Challenge:

- After a project is completed, the exact location of underground utilities is often lost over time.
- Re-identifying these lines results in high costs and causes significant delays in field operations.

A Common Scenario:

"Your city has completed a new drinking water pipeline project. Everything looks perfect... until two years later when another infrastructure operation is needed. Yet no one knows the exact location of the pipes."



WHAT HAPPENS NEXT?

- Projects face weeks of delays.
- Costly infrastructure investigation and exploration work may be required.
- Unnecessary excavations increase the risk of damaging water, electricity, natural gas, internet, and other utility lines.
- Significant additional budgets are spent just to locate previously installed infrastructure.



HOW DOES CAMGIS SOLVE THESE PROBLEMS?

- **Digital Mapping:** Underground utility lines are recorded with centimeter-level accuracy, eliminating the risk of lost information.
- **Precise Location Data:** Drinking water, electricity, natural gas, and internet lines are displayed with their exact positions, preventing unnecessary excavations.
- **GIS-Compatible Data:** All data is produced in formats compatible with institutional systems, improving coordination.
- **Cost Reduction:** Costs arising from exploration, investigation, and damage to existing utilities are significantly reduced.

SOLUTION WITH CAMGIS

"CAMGIS eliminates re-exploration costs by creating a permanent digital map of your infrastructure."

Key Features:

- **Mobile Ease of Use:** Its compact design allows quick operation in any field, easily carried in a pocket or small bag.
- **No Expertise Required:** Usable by anyone with just one day of training, eliminating operator dependency.
- **High-Precision 3D Scanning:** RTK-supported mobile photogrammetry ensures highly accurate results.
- **GNSS Survey & Stakeout Support:** Perform geodetic measurements, point/line stakeout, and coordinate-based data collection using CAMGIS RTK—without needing any additional GNSS device.
- **GIS Integration:** All data is automatically produced in GIS-compatible formats and can be seamlessly integrated into institutional systems.
- **Real-Time Data Access:** Cloud-based infrastructure enables instant access to all 3D models, maps, and field data.
- **Automated Data Processing:** Complex processing steps are handled automatically after capture, providing ready-to-use models to the user.

Workflow

1

Data Collection

Create a digital replica by capturing high-resolution images.

2

Automatic Processing

Process all data automatically without any manual intervention.

3

Interactive Visualization

View and analyze your data on mobile and web platforms.

4

Precise Measurement

Instantly measure coordinates, lengths, areas, and volumes for planning, maintenance, and inspection processes.



BENEFITS OF CAMGIS

Why Is CAMGIS a Game Changer?

- One-Time Mapping = Lifetime Savings
- Prevents Downtime and Project Delays
- Strengthens Coordination Between Institutions
- Significantly Reduces Excavation and Infrastructure Damage
- Prepares Infrastructure Projects for the Future with Accurate and Reliable Data



Core Benefits of CAMGIS

1. Eliminates Re-Exploration Costs.

- Prevents the loss of infrastructure data through one-time digital mapping.
- Removes repeated exploration expenses and unnecessary field operations.

2. Faster Decision-Making

- Provides real-time access to underground utility networks.
- Accelerates maintenance and repair workflows.

3. Improved Coordination and Transparency

- Consolidates data for water, electricity, gas, and telecom teams.
- Cloud-based access enables instant collaboration across departments.

4. Ensures Compliance with Standards

- Prevents additional costs and legal issues caused by construction that does not meet institutional standards.

5. Minimizes Project Delays

- Reduces unexpected field issues to keep projects on schedule.
- Prevents financial losses caused by delays.

Financial Impact: How Much Can CAMGIS Save?



Project Delays

Delays create significant costs. CAMGIS prevents time loss and keeps projects moving as planned.



Re-Exploration Costs

Re-identifying lost infrastructure data is expensive. CAMGIS eliminates these costs through one-time digital mapping.



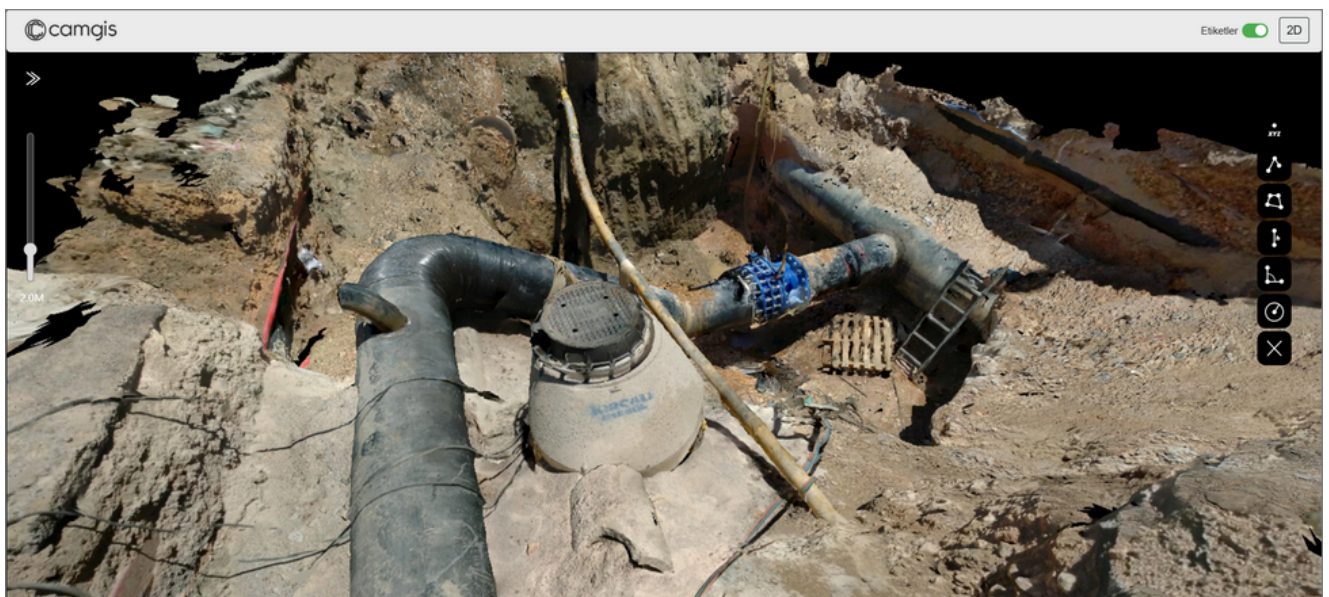
Regulatory Compliance Costs

Non-compliant installations can lead to penalties. CAMGIS reduces regulatory risks by ensuring compliance with standards.

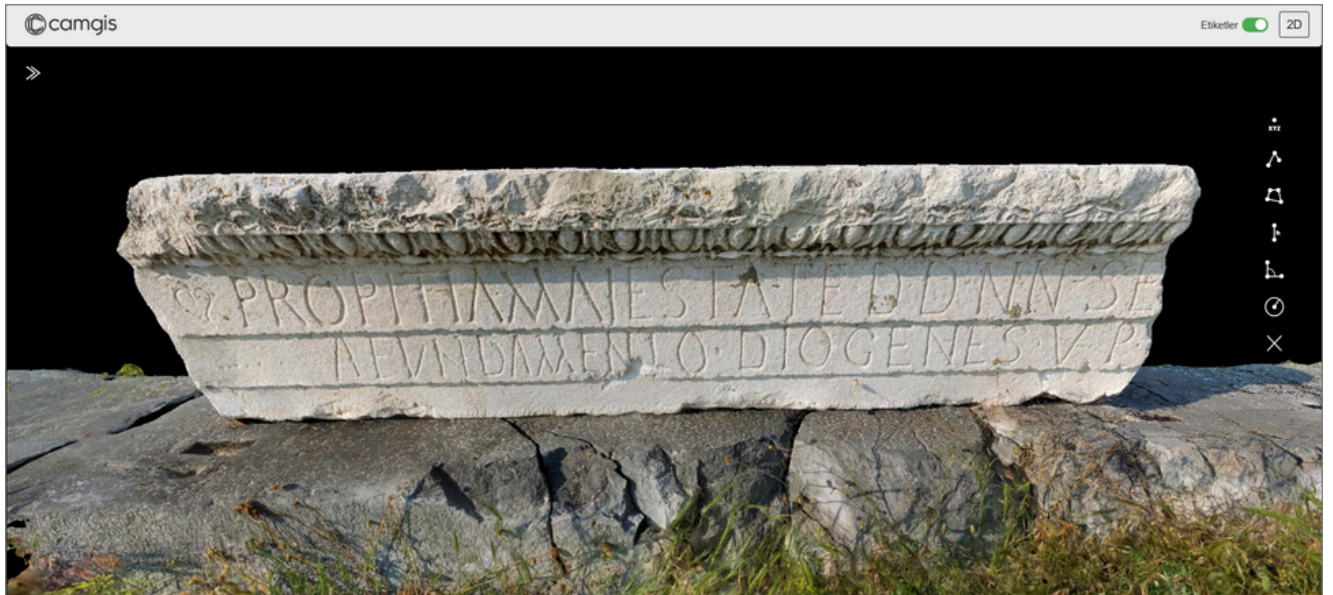
**CAMGIS IS NOT AN EXPENSE,
IT IS AN INVESTMENT.**

*"SAVINGS FROM AVOIDING REWORK
AND DOWNTIME MORE THAN COVER
THE COST OF YOUR CAMGIS
INVESTMENT."*

INFRASTRUCTURE



CULTURAL HERITAGE



ARE YOU READY TO ELIMINATE FUTURE COSTS?



Put an end to unnecessary field work. Save millions in the long run with a single investment in CAMGIS.



The Real Question:

Would you rather keep paying recurring costs, or eliminate them forever?



Next Step:

Let us analyze your projects and show you exactly how much you can save!



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