



# A Smart Way to Manage Your Infrastructure

**GISGRO** is an easy-to-use online platform that allow asset operators to manage their infrastructure in a smart and efficient way. Through access to better and more timely data on **GISGRO**, asset operators can improve the quality, value and safety of their infrastructure in a way that was never possible before.

By uploading, sharing and utilizing visual 3D infrastructure data on one shared online platform like **GISGRO** it is easy to monitor the condition of structures and plan for relevant and timely repair and maintenance. Through access to such an online digital twin, anyone can at any time and any place easily log and monitor repair work, maintenance, operations and other asset data. With **GISGRO** you own your infrastructure physically, and digitally.

## BENEFITS

### SAVE TIME AND COSTS

- Minimize software costs and cut hassle by integrating all data to one visual platform.
- Optimize asset operations by easy-to-use tools, such as measurements, bathymetric charts, volume calculations, polylines, and more.
- Increase efficiency by communicating directly in the platform, where all relevant can access the data anywhere and at any time.

### MAXIMIZE ASSET VALUE

- Cut maintenance costs, improve safety and extend lifetime of the assets by optimizing maintenance cycle with accurate data everyone working around the asset can utilize at any time.
- Enhance innovation by easy information sharing and by integrating 3D asset data with other data sources, such as AIS or weather data.

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“When we have all of our assets in GISGRO, enriched with additional data, we will be able to use it in every aspect of port operations from maintenance to sales. It does not only improve our communication internally and between different departments in the port, but also with customers and other stakeholders.”

**Ville Kuitunen**, Sales Manager  
**Port of HaminaKotka**

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“The overall view in GISGRO simplifies the planning and implementation of targeted maintenance actions. In GISGRO, we can compare the datasets so we can quickly and easily see if unexpected changes have occurred.”

**Mats Ekman**, Project Manager  
**Port of Stockholm**

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“We have the possibility to store and manage all survey data easily in GISGRO online-service, where we can independently access all survey data. This service lets us view, analyze and utilize the data for maintenance planning and budgeting in all phases of structures' life-cycle.”

**Jouni Hildén**, Technical Planning Manager  
**Port of Turku**

# GISGRO

GISGRO has been developed by VRT Finland, the pioneering expert in 3D surveys. While delivering the surveys to the clients, the team noticed the data couldn't be utilized by the clients due to lack of suitable software and tools. This created a need for developing GISGRO, which enables more efficient remote monitoring, operation and maintenance of the assets for everyone.

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# KEY FEATURES



## DATA VISUALIZATION

Platform automatically visualizes the survey data in a 3D view as well as in map view (2D).



## ASSET DATA IMPORTS

Label assets and repair needs or import them directly to the platform. The areas or lines can be linked with other information and managed in the map in layers.



## ASSET DATA BANK

Organize and categorize assets. Enrich asset data by adding comments, pictures, drawings, contact information etc. All data stays in one accessible place.



## MEASUREMENT TOOLS

Measure distances and depths, draw and export polylines and polygons, make cross-sections, measure depth of surface damage.



## HYDROGRAPHIC TOOLS

Create and export contours and soundings, visualize target depths, make volume calculations with only few clicks.



## CAD DATA IMPORTS

Import CAD data, such as IFC data models, and utilize it in asset design, planning, and management. Currently the imports are done for you by GISGRO support team, but soon you'll be able to do it yourself in the platform.



## SHIP PLANNER TOOL

Plan vessel allocation in a seaport digitally in a visual format. AIS-data integration available by request.



## EASY SHARING AND COMMUNICATION

Share asset and seabed data with stakeholders anywhere, anytime. No special expertise or software needed. As one example, send and manage work requests to maintenance directly in the platform.

# GISGRO

TEST GISGRO FOR FREE AT  
**DEMO.GISGRO.COM**

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