Enterprise Asset Management Solutions

NousPratIT

What is Asset Management?

Complete lifecycle management of an organization's physical assets: Machinery,
 Equipment, Tools, Buildings, Facilities (sites), Vehicles, or Ships.



Key Trends in Asset Management



Asset Management Integrated Capabilities



Work management

- Job plans for recurring tasks
- Predictive maintenance
- Manage labor, skills, qualifications
- Mobile enablement for better point of failure data collection



Asset management

- Location/Function, work, and cost history
- Roll-up costs
- Asset modeling
- Improved asset safety



Supply chain

- Manage inventory across storerooms and sites for better visibility
- Eliminate costly off-contract buying
- Improved monitoring of vendor performance
- Fully manage receipts, inspections and vendor payments



Planning and scheduling

- Ensures assignment of the right person, with the right skills
- Drag-and-drop team assignments accelerates schedule optimization



Health Safety Environment

- Standardize HS&E practices
- Operators log risk assessment, incident management, Investigation and correction
- Planning for hazard identification, risk assessment, and risk control



Analytics

- Descriptive, predictive and prescriptive analytics
- Built on industry-leading Cognos business intelligence software
- Available & customizable by user type

Asset Management Integrated Capabilities

- IoT data is critical for asset maintenance
- Blockchain connects business networks like never before
- Augmented Reality is creating a new generation of workers
- User Experience is a key success factor

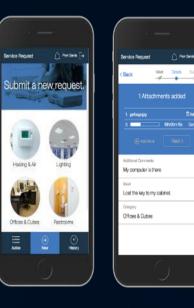


Modern Mobile Work

Work Centers



Service Requests







CR Location



Active SR's

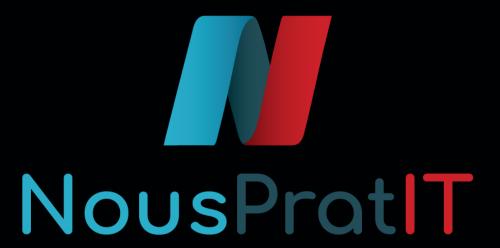


SR History

Sample Objectives for Implementing IT Asset Management

Domain	Indicative Example
Work Optimization	ΣA leading automotive company enhanced production efficiency and achieved a 5% annual reduction in maintenance costs
Asset Utilization	A leading service company shortened the general repair turnaround time from 56 days to 21 days
Equipment Purchases	A fleet management company realized substantial cost savings while ensuring 100% availability with reduced expenses
Reduction of Warranty and Insurance Costs	A leading global oil and gas company improved support for process safety, production monitoring, information storage, and management capabilities
Inventory Transfer Cost	A railway company secured substantial cost savings affecting financing, insurance, management, and general overhead expenses
Cost of Materials	A major electronics company reduced spare parts master data by 67% and achieved a reduction in maintenance costs and equipment downtime

NousPratIT Asset Management and Work Management



NousPratIT Short Description

- The company is headquartered in Agios Stefanos, Attica, and has a staff of 30 people.
- We have built a dynamic and highly trained development team specialized in Microsoft technologies.
- We prioritized the implementation of an Asset Management and Work Management application that can serve companies with fixed assets, property, and intensive maintenance needs. We have delivered vertical solutions of the Asset Management and Maintenance product in the following markets:
 - o Companies with multiple fixed assets, technical operations, and maintenance cycles.
- o We have installed and support the Asset and Maintenance Management solution for a major municipality in Greece and the Municipality of Nicosia, having added significant additional functionality.
- We have strengthened our expertise in Entersoft ERP/CRM and Soft1 ERP/CRM. We serve over 50 clients, some of whom are very large industrial and technical companies.
- A very important QA Testing team has been established, and we provide services both in Greece and abroad.

Concise Solution Description NousPratIT Asset Management

- Complete management of the Organization's assets: Buildings Facilities (locations), Equipment (fixed assets), Spare parts for fixed assets, with geographical zone mapping to display on a map and the ability to attach files (documents, photos, etc.).
- Comprehensive management of Technicians and Partners (subcontractors) with file attachment capability (documents, photos, etc.).
- Flexible connectivity mechanism with other applications for data exchange (e.g., with ERP for availability of production resources and production scheduling, IoT systems for machine availability).

Concise Solution Description NousPratIT Asset Management

- Complete project management with scheduled and ad-hoc technical service visits, detailed in a work calendar, with the ability to attach files (documents, photos, etc.).
- Dedicated application for Tablets/Mobile devices (Android, iOS) enabling easy task entry by field technicians with real-time synchronization to the Management application.
- Full management of Work Orders to monitor offered services, including file attachment capabilities (documents, photos, etc.).
- Comprehensive management of Reports (including Live Dashboards) that can also be created by users.

Key Features of the System

- Based on the Synapsis platform by NousPratIT, allowing maximum scalability and flexibility in the modules of each vertical solution.
- Absolute workflow control, with an advanced user role/authorization system that extends down to field-level permissions.
- Complete logging of user actions for easy auditing by administrators.
- Capability to import data from Excel.

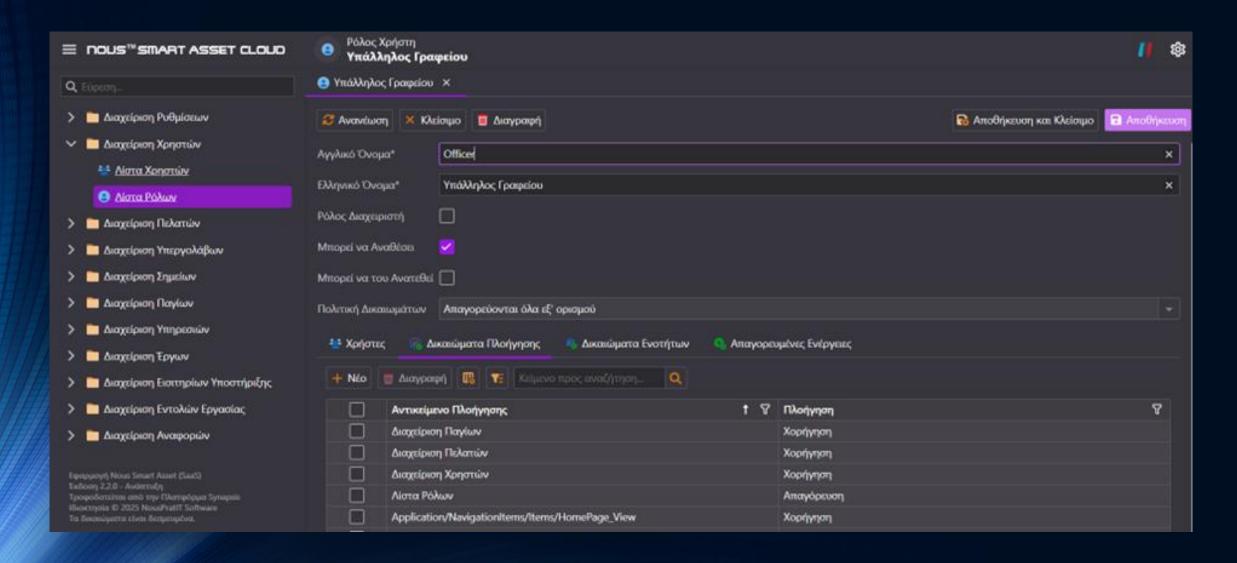
Key Features of the System

- Designed to be completely user-friendly, it delivers immediate results and benefits in monitoring the Organization's Assets.
- Built on the latest and most secure Microsoft platforms: .NET Core Blazor 8.o (Cloud) / .NET MAUI 8.o (Mobile).
- Absolute data security for internet-transmitted information through encryption.

Key Features of the System

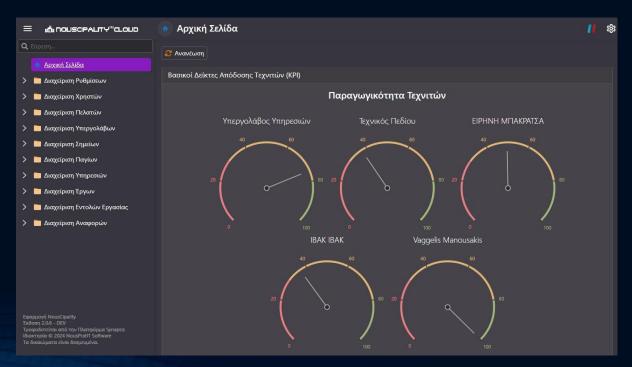
- Flexible analysis and monitoring system for Fixed Assets, Spare Parts, and Work, easily scalable and adaptable to the needs of each Organization.
- Automatically adapts to any device screen (Desktop, Laptop, Tablet, Mobile Phone) to provide the best possible interactive user experience regardless of the device used.
- Multilingual Environment (Greek, English, and more languages coming soon).
- Multi-Tenant design to support complex Groups/Organizations.

Adaptable to the specific requirements of each Organization

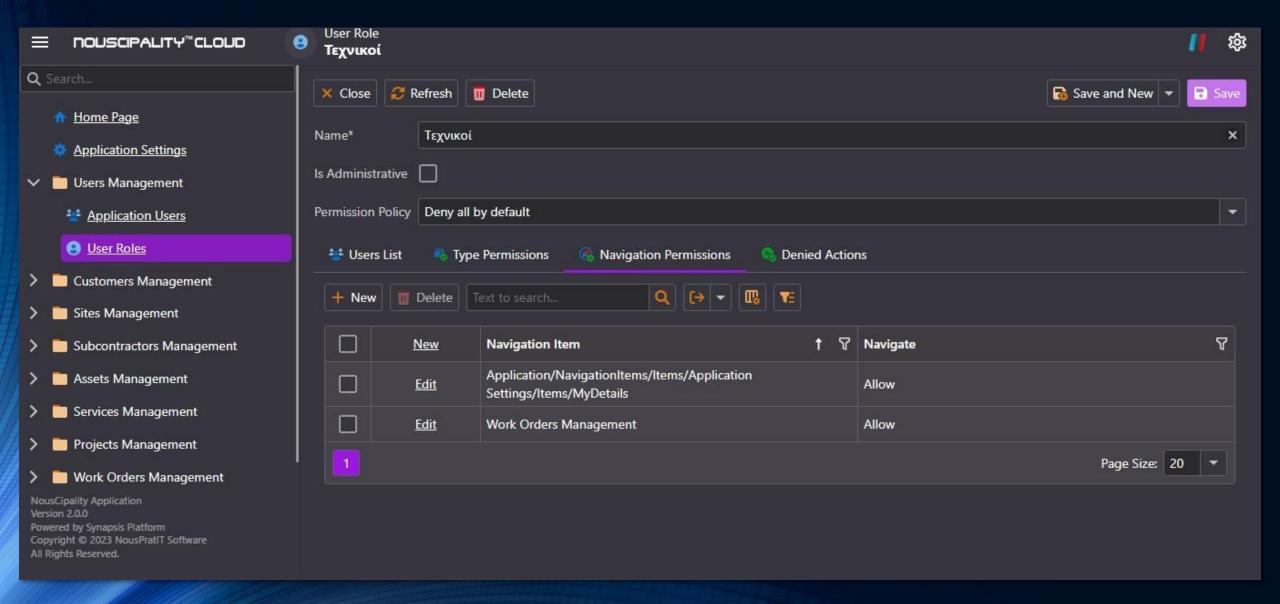


Customizable to the needs of each user

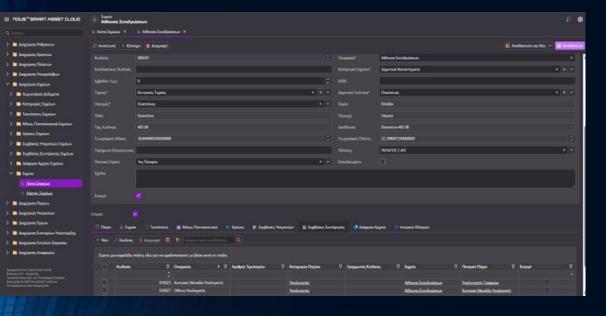


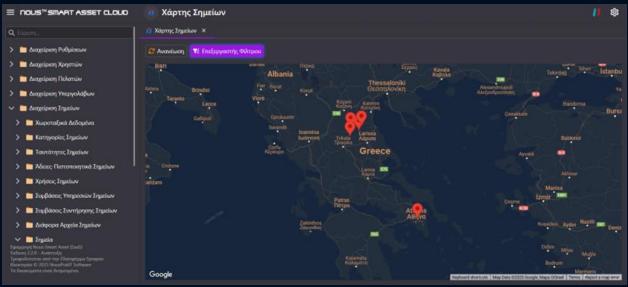


Flexible Roles/Rights/Authorizations System – Multilingual Environment

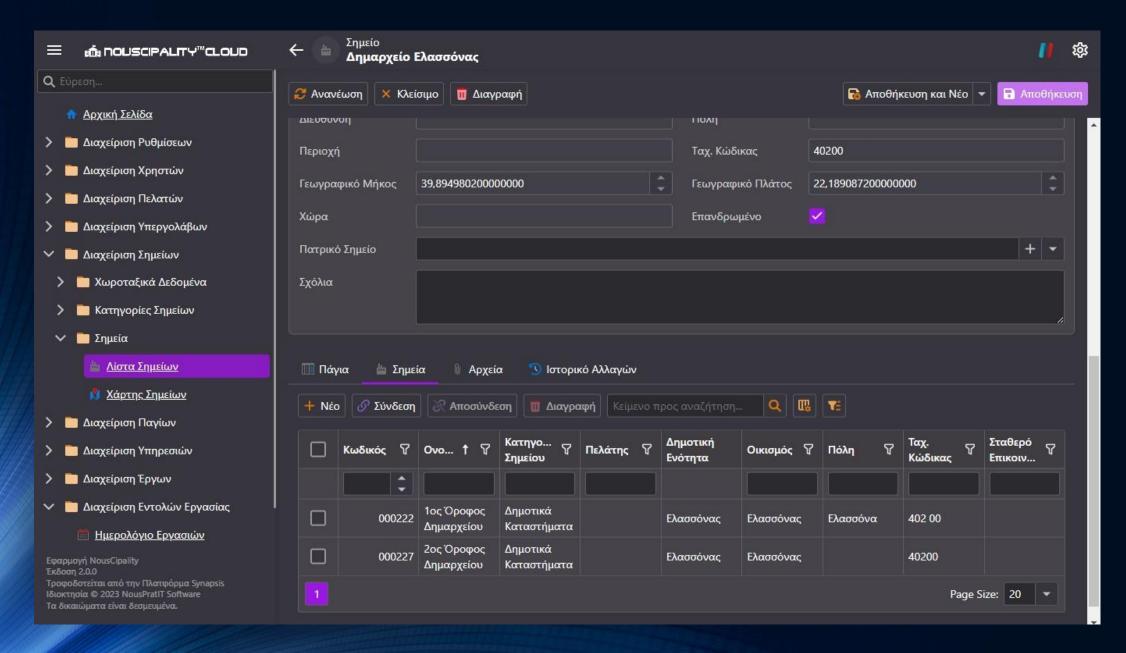


Detailed monitoring of Locations by Geographical Zone

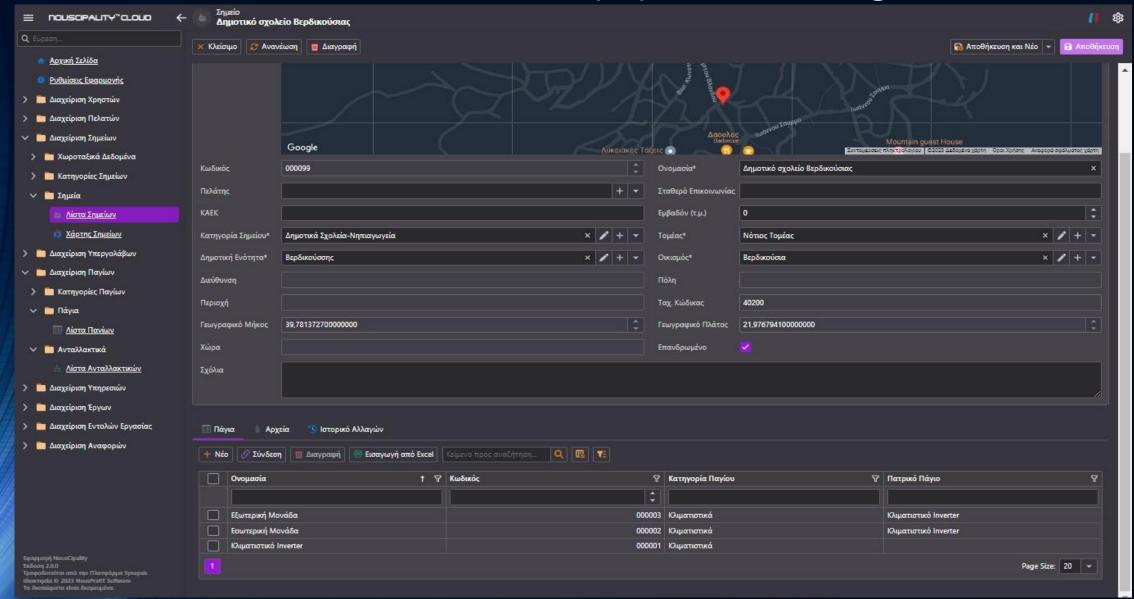




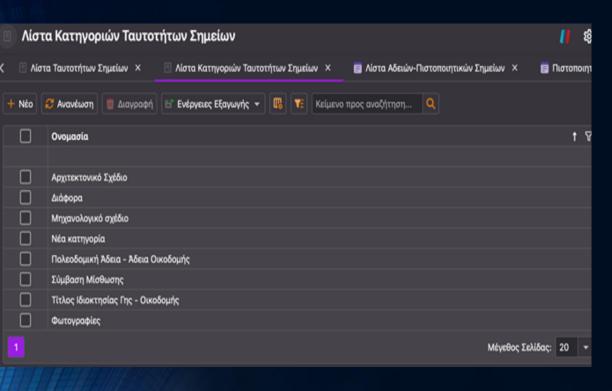
Identification Details of Locations

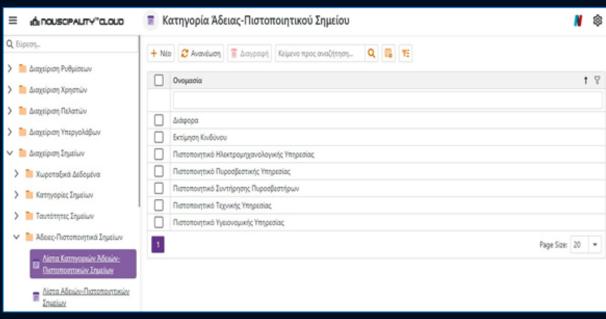


Location Profile with Equipment Management

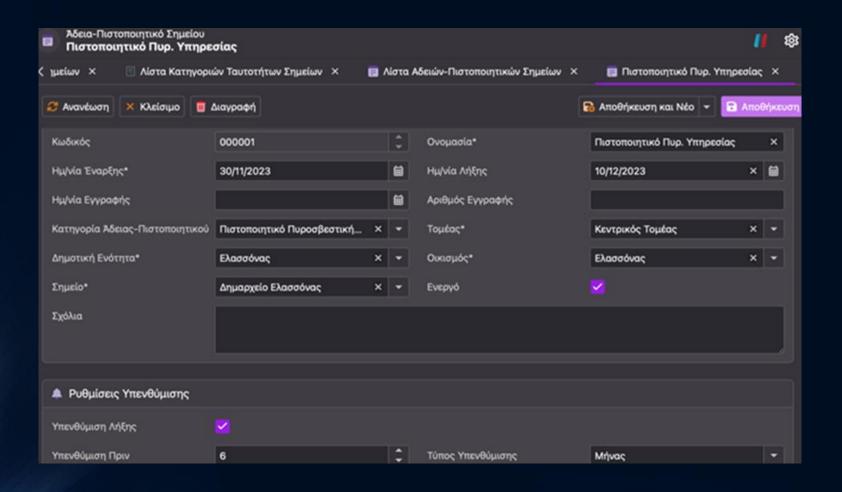


Contract Management and Location Identity

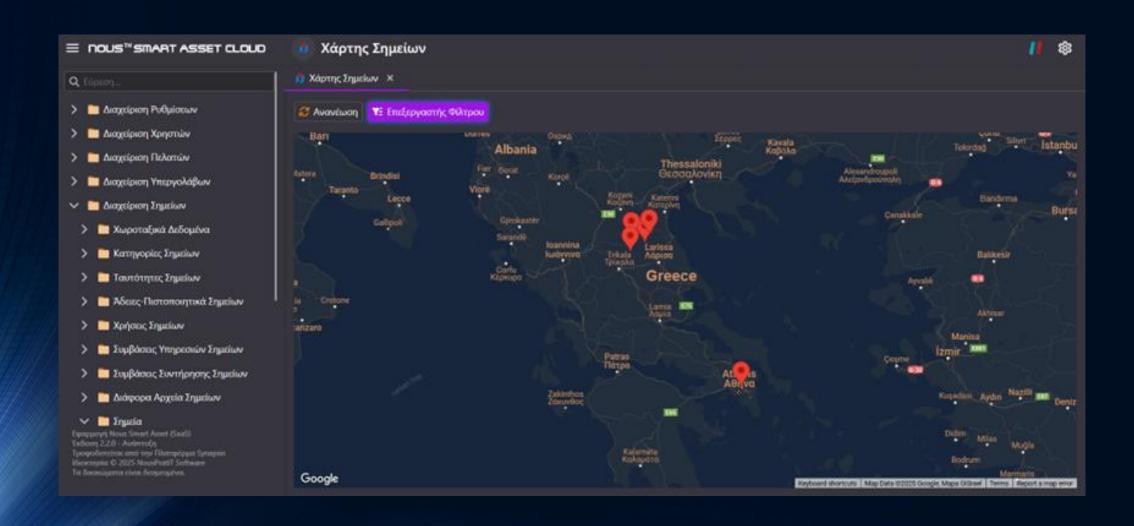




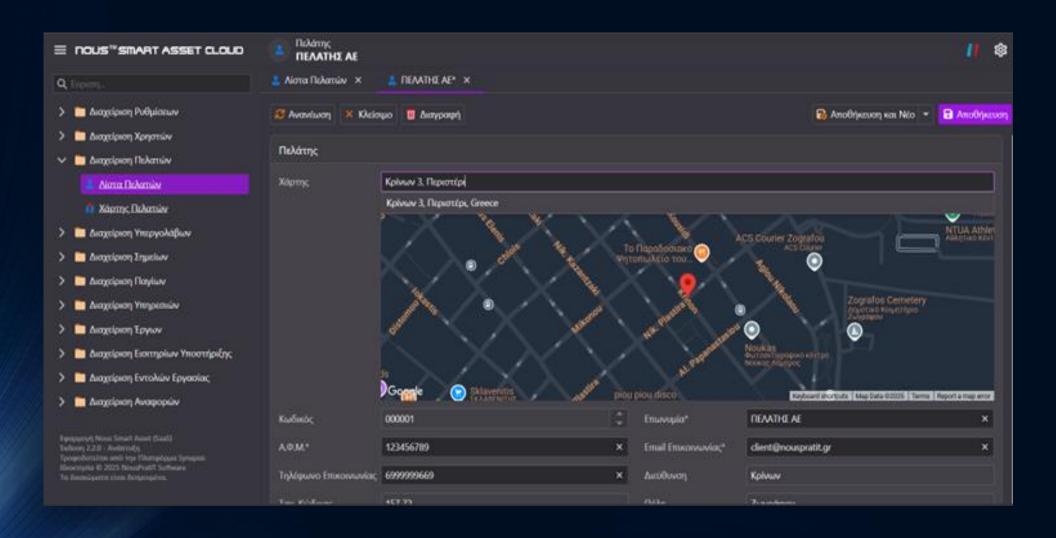
Management of Permits / Certificates for Locations



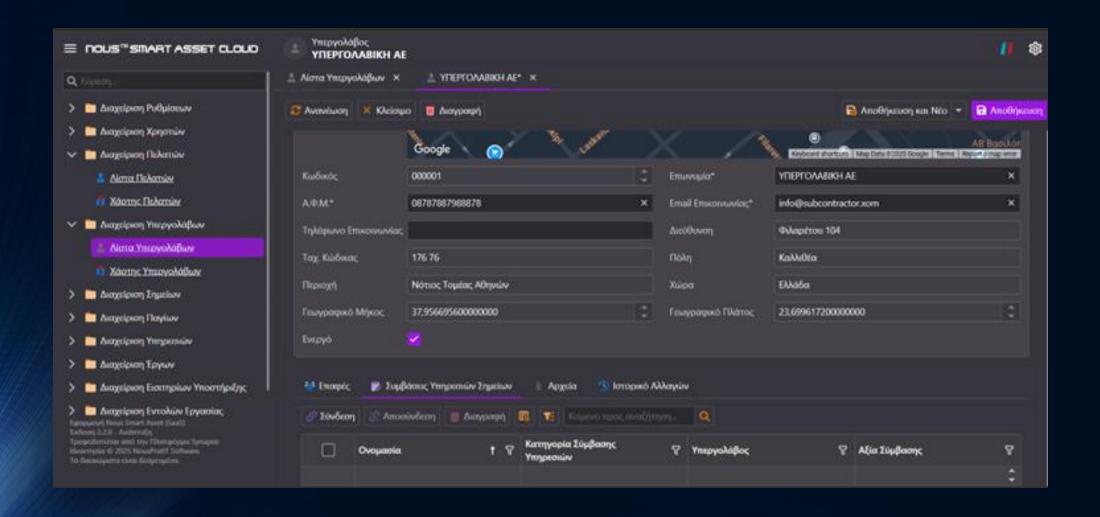
Map of Points for Easy Tracking



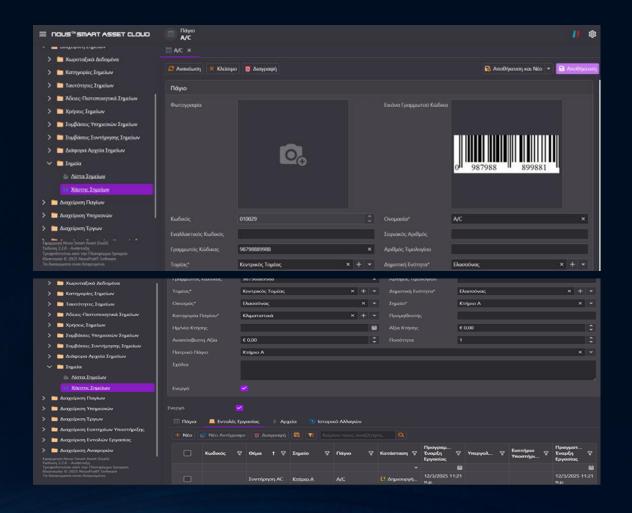
Customer Profile



Subcontractor Profile

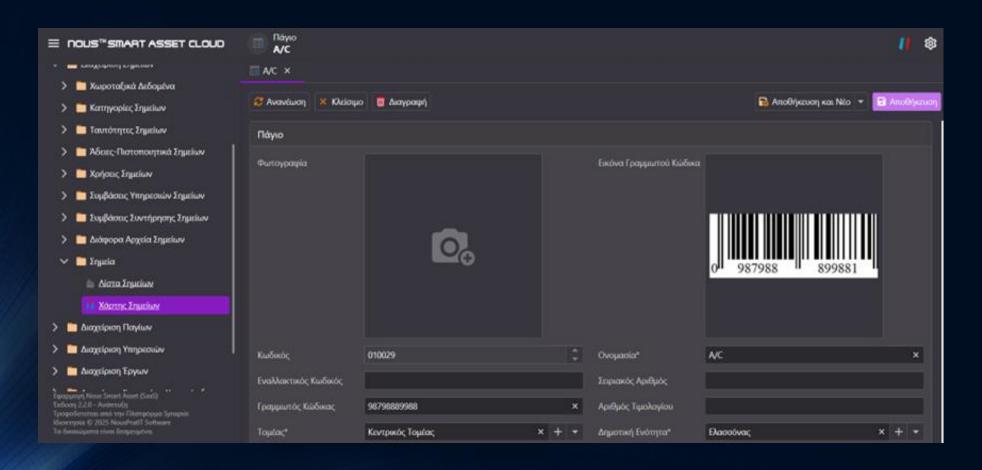


Fixed Asset Ledger with Hierarchical Decomposition into Sub-Assets

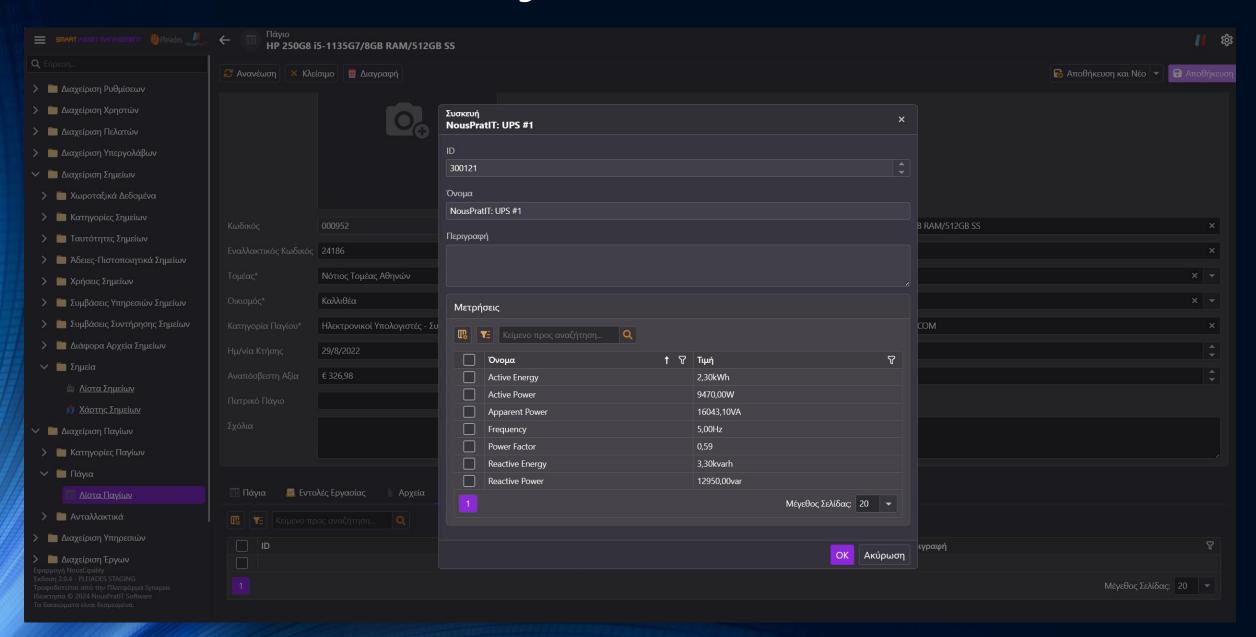


Integration with IoT Platform

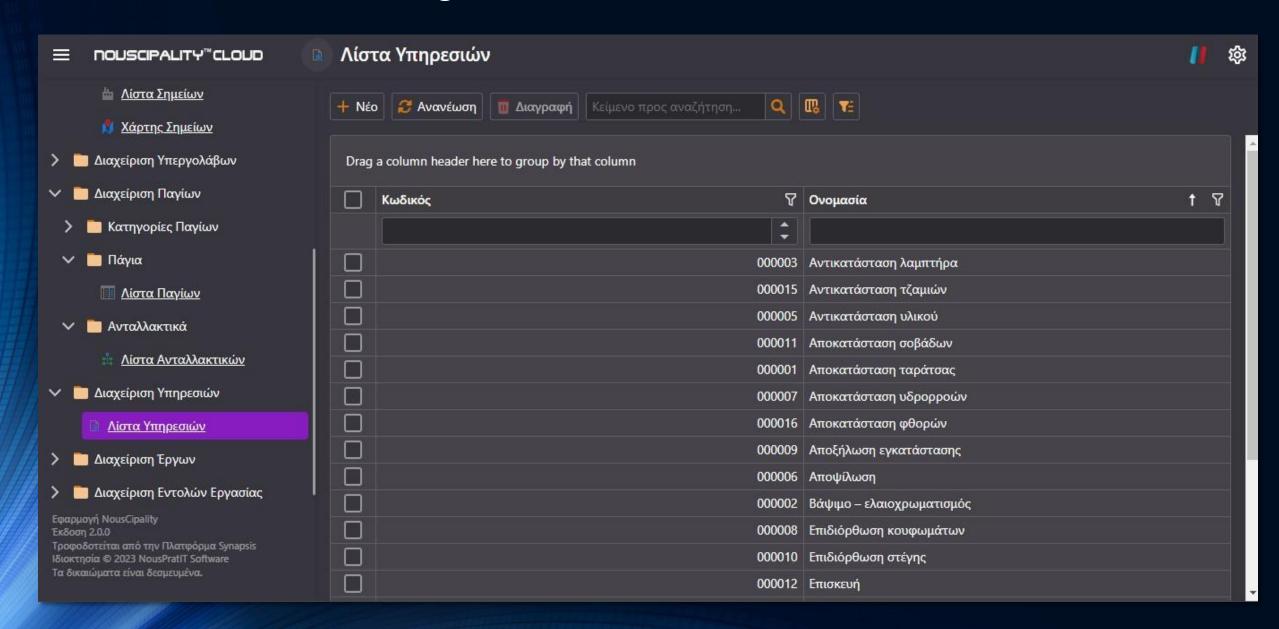
• The Asset Management and Maintenance application and the IoT platform communicate automatically to provide a 360° view of the facility and the routing of Work Orders.



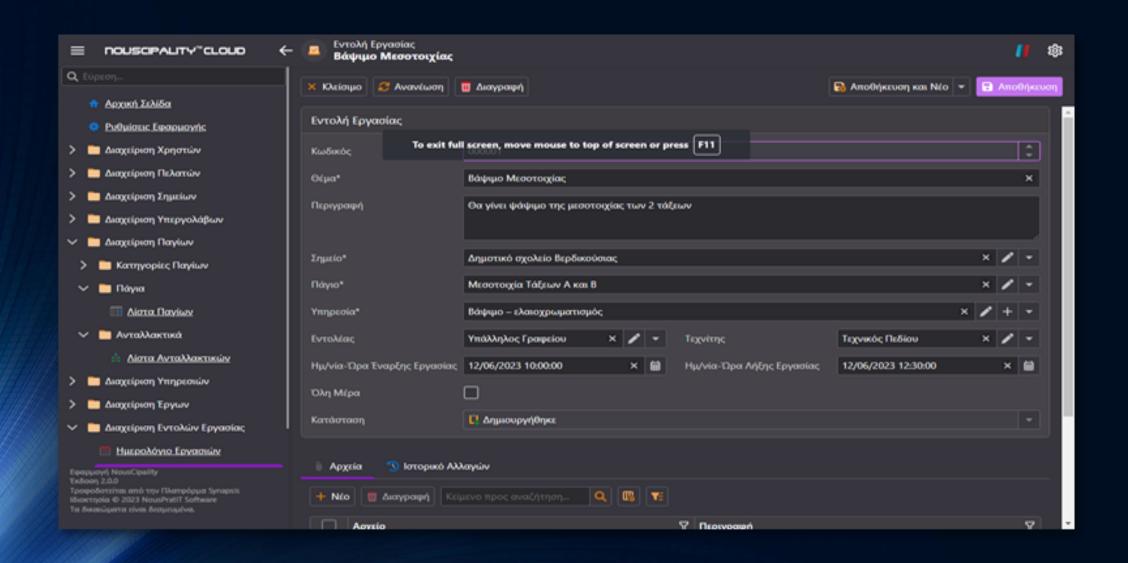
Integration with IoT Platform



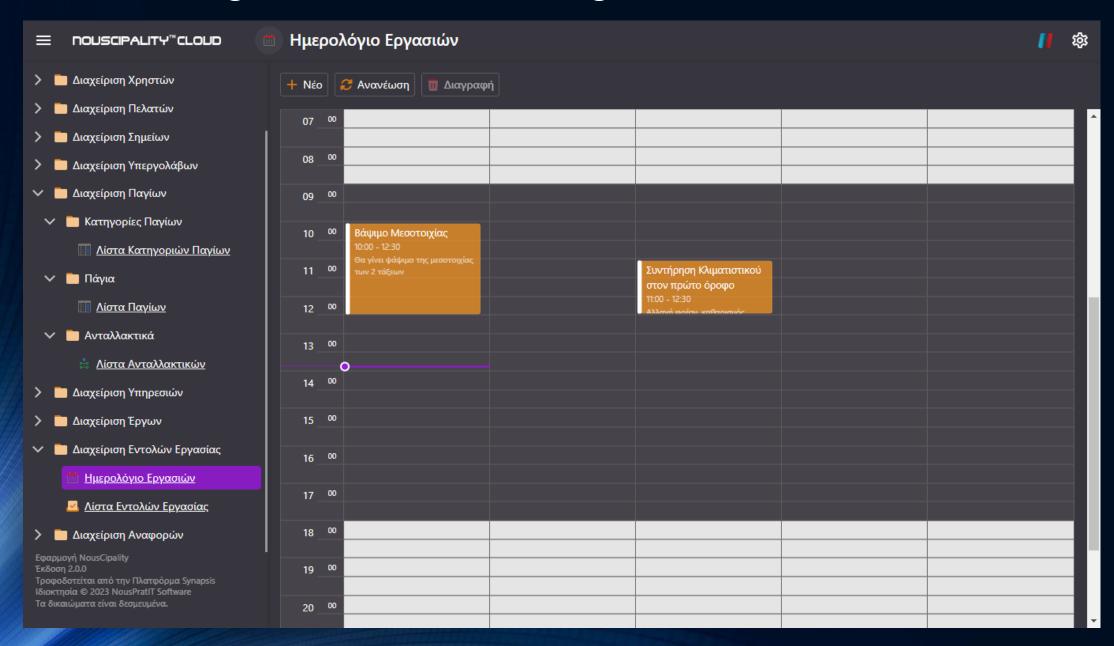
Management of Delivered Services



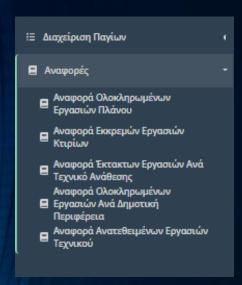
Work Order Management and Plan Creation

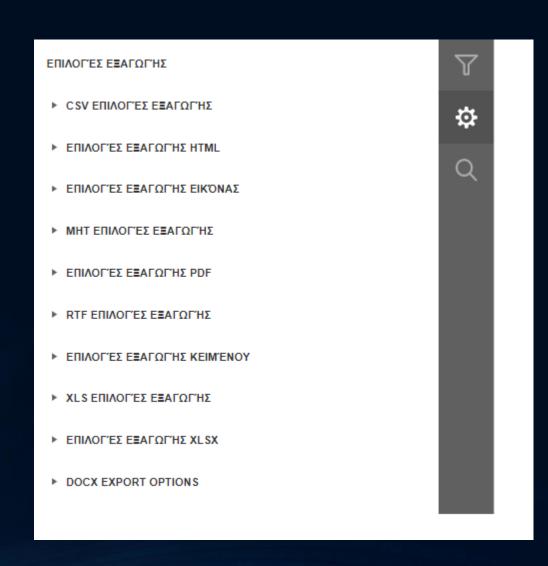


Plan Management and Monitoring via Calendar Interface

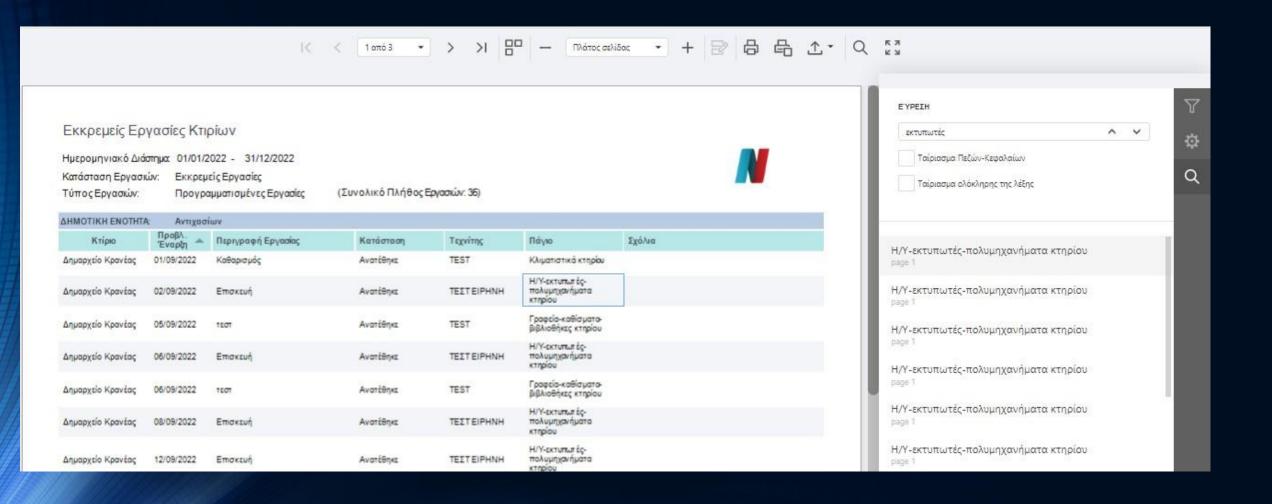


Work Reports: Multiple Data Export Options





On-Demand Record Lookup within Reports

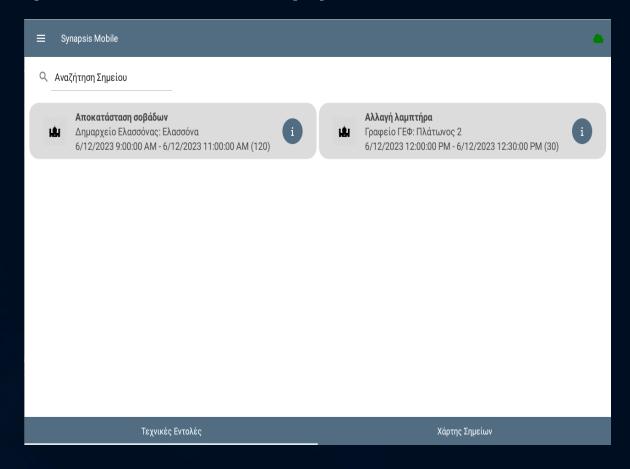


MOBILE Synapsis Application

- Easy job recording by technicians in the field
- Online/offline functionality with automatic synchronization for job recording in areas without internet signal
- Full compatibility with Android / iOS
- Multilingual environment
- Light / Dark theme



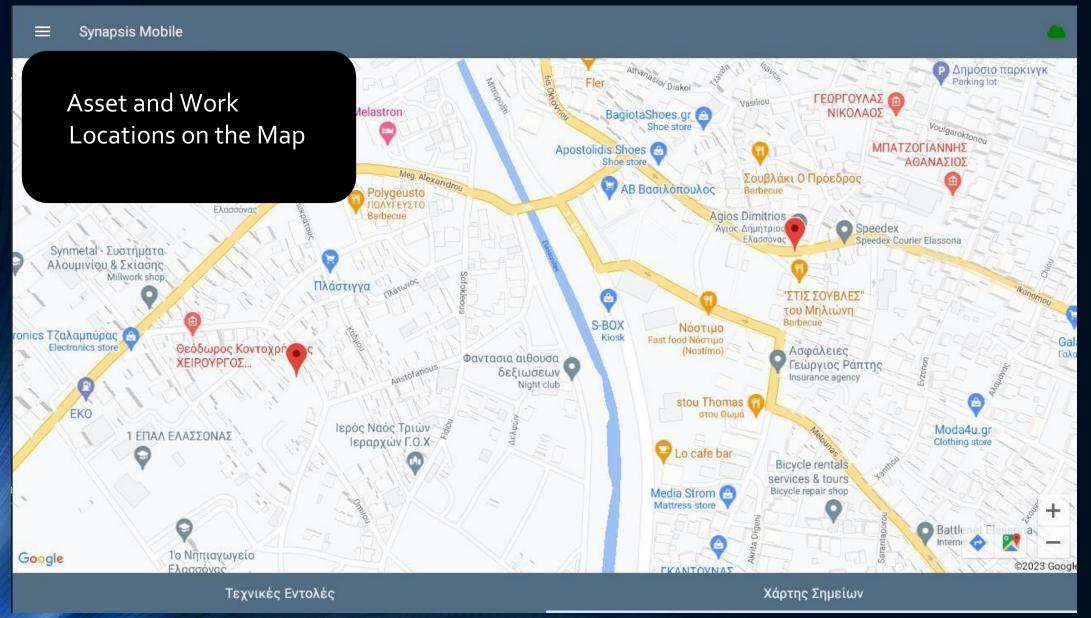
Sample Mobile Application Screen



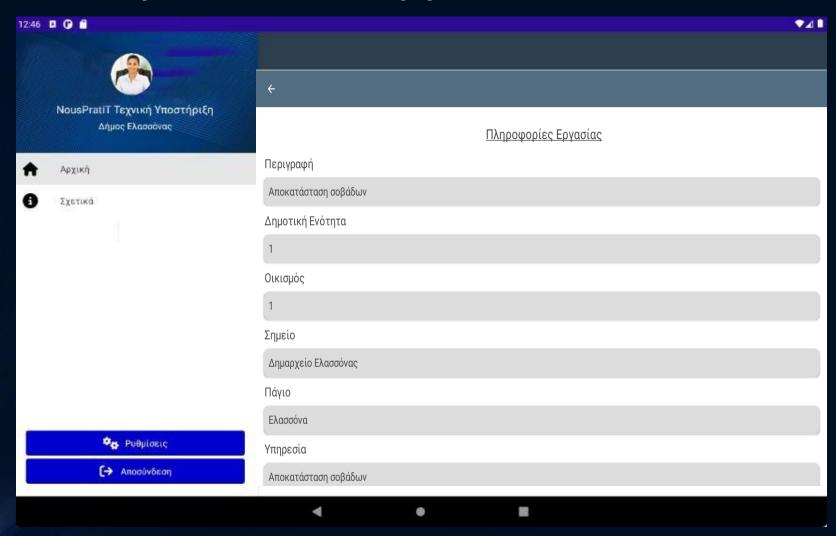
Daily tasks

BY ASSIGNED TECHNICIAN

Sample Mobile Application Screen

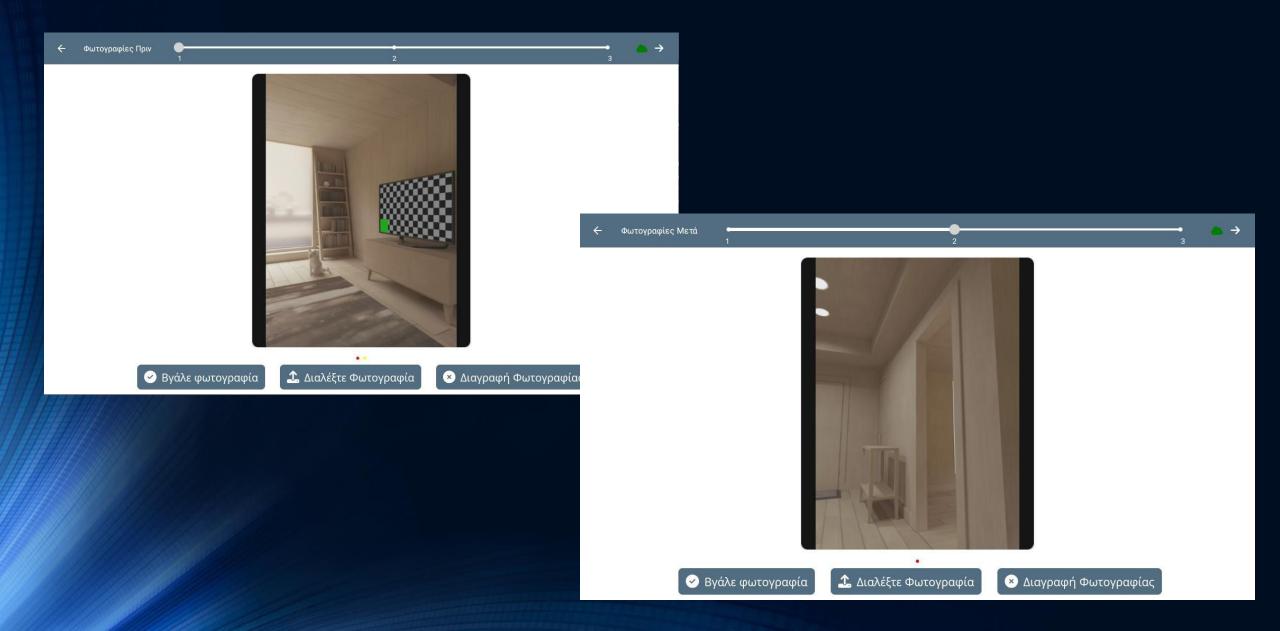


Sample Mobile Application Screen



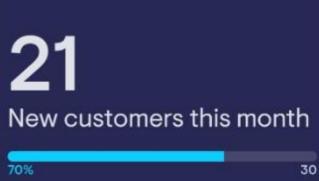
Easy navigation

Functionality for Capturing Before-and-After Visual Evidence



Live Dashboards



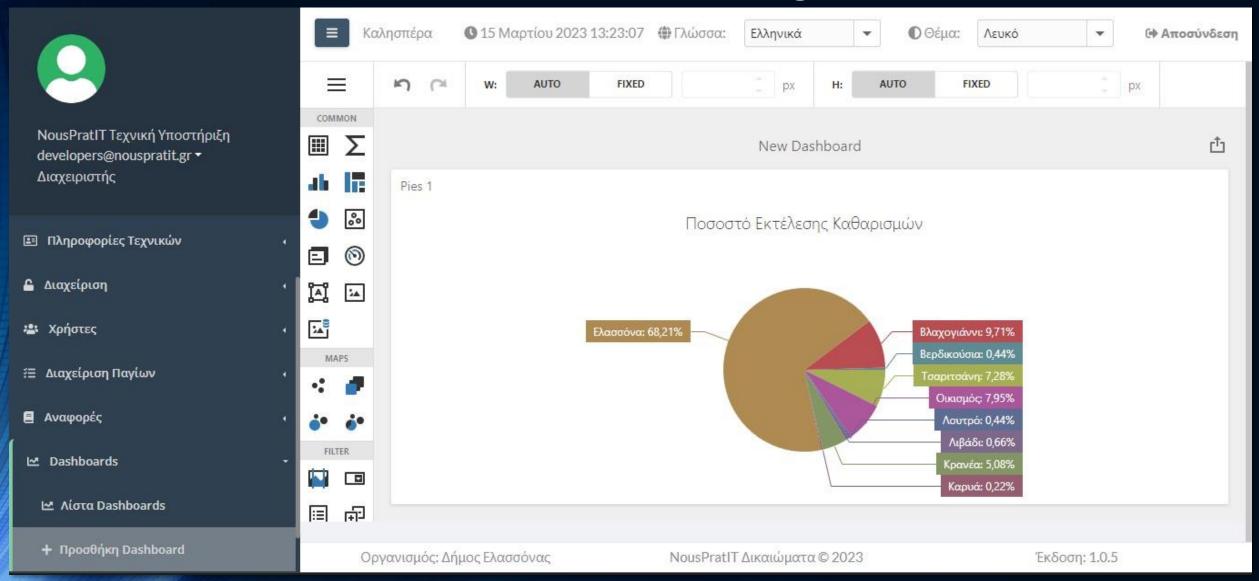






Office events			
Date	Event		
October 23rd	1 year in business!		
October 29th	Board meeting		
October 29th	Social: Pumpkin carving		
November 4th	Social: Axe throwing		
November 18th	Social: Park run		
Novermber 23rd	Board meeting		
November 27th	Social: Decorate office		
December 11th	Fire alarm test 9am		

Live Dashboard Designer



Custom Dashboard Creation with Just a Few Clicks by the User

Upcoming Features

- Automatic Preventive Maintenance of Assets using sensors and AI/ML models
- Augmented Reality (AR) integration in the technicians' mobile app for on-the-field asset data capture
- Management of Maintenance Safety Precautions for technicians to ensure maximum work safety and accident prevention
- Creation and management of a Knowledge Base for services and usage in the field to assist technicians in resolving known issues.

Platform Technology Utilization



NousPratIT Asset Management

THANK YOU VERY MUCH

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