



Web Based Fleet Management Solution
EXANDAS GIS



Exandas- Gis

Exandas- GIS is a Web-based Telematics fleet management application which has been designed in order to achieve the highest functionality and speed for managing the vehicles of each customer, as well as adapting itself to other commercial programs (ERP - CRM).

Examples of services include (but aren't limited to): information for fuel supply, productive operation times of the vehicle, supervision of fixed timetables as well as fuel loss alarms and speeding.

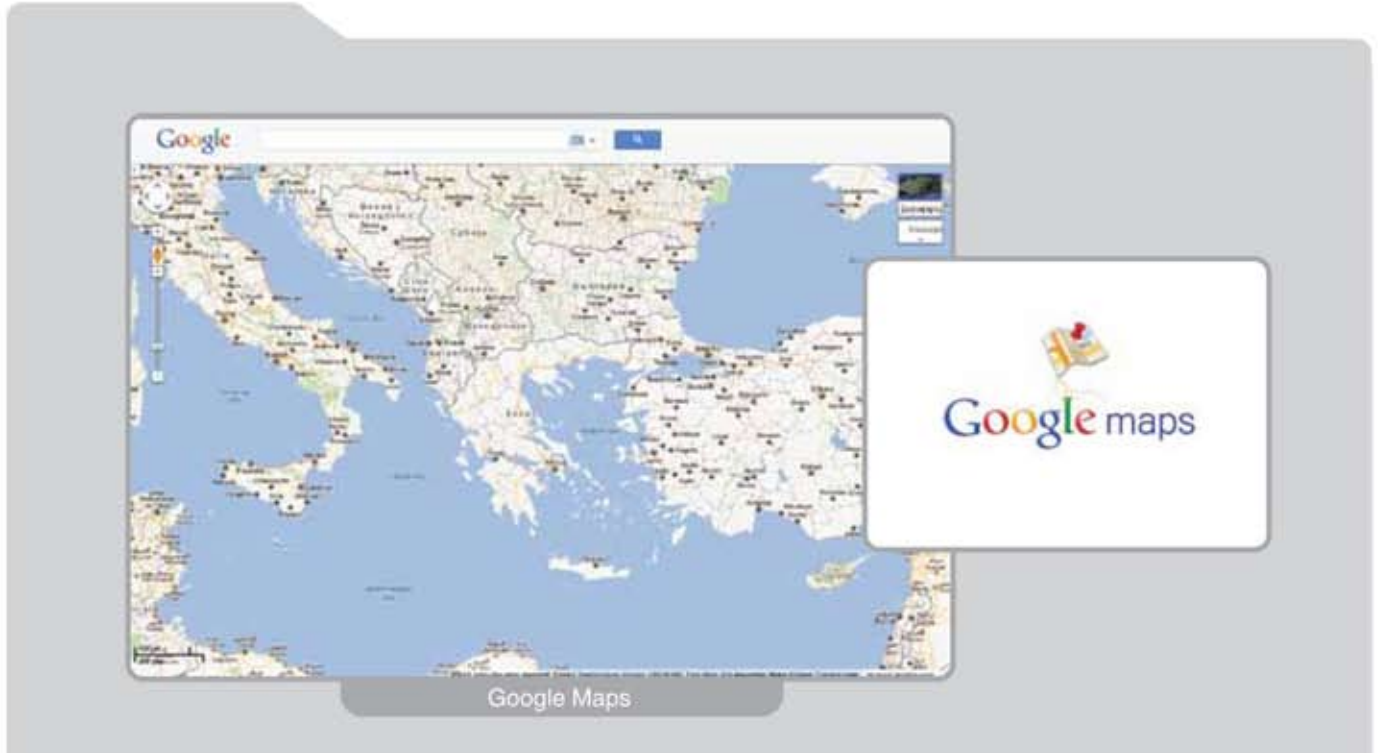
Link Technologies provides its services via a Microsoft Incubation Centre. This partnership results in high reliability (SLA 99%) as well seamless connectivity and information exchange with other commercial software programs.

The URL of the application is: www.exandas-gis.com

Training videos of the application and all its modules are included. The videos are constantly updated in order to include all the new application's new and improved features.

Types of Maps

EXANDAS - GIS uses Google maps as a mapping system. Our company exploits all the capabilities of Google maps; furthermore, we provide pan-European (including Turkey) geographical coverage and routing.
EXANDAS – Gis supports a variety of maps, onto which the vehicles' routes can be projected.



Vehicle's Route

EXANDAS – Gis receives the vehicle's route and displays it along with all relevant information. The user need only select the time interval he/she is interested in.

Different coloured bullets are used to provide certain information; Mouse-over on every bullet provides the system administrator with additional information:

- ✓ Waiting time
- ✓ Duration and client name

Mouse-over on the vehicle's route provides the system administration with other information including date and time, temperature, positioning and fuel details.

On the route image, the system administrator can perform the following actions:

- ✓ Route 'playback'
- ✓ Pause route 'playback'
- ✓ Playback's speed adjustment



Clientele Import

EXANDAS – GIS supports the import of geographical coordinates in order to receive the respective printouts. The geographical coordinates' import is possible through the vehicle's route or through the client form. Upon subscription of a new client into the system, the following details are established: client category, relevant information, and, in the case routing service is enabled, a login and password too. Additionally the clientele can be imported from an Excel document format.



Reports and Printouts

EXANDAS – GIS provides numerous reports, printouts and historical data for all the vehicles; all the relevant details can be exported from the software for further processing.

Mileage

This report allows the system administrator to view information pertaining to the mileage of all the vehicles during a certain time interval.

Vehicles' Operating Time

This report allows the system administrator to receive information concerning the operating time for a certain time interval.

The reports that can be exported are:

Vehicle's Route

- ✓ Stop points including specific addresses
- ✓ Mileage between stops
- ✓ Route operating time
- ✓ Average and maximum vehicle velocity.
- ✓ Total mileage
- ✓ Total itinerary table

Complete vehicle's route

- ✓ Number of stops per day
- ✓ Operating/Waiting time per day
- ✓ Executed itineraries per day
- ✓ Total mileage per day
- ✓ Maximum velocity per day
- ✓ Total number of itineraries per day.
- ✓ Total mileage
- ✓ Average distance
- ✓ Itinerary's completion time

Stop/Inactivity Report

- ✓ Stop points report
- ✓ Total number of stop points

Door Use

- ✓ By connecting the respective sensors to the refrigerator's door, the system administrator receives information regarding the door's status (open/closed), the position and the time they used (opened/closed).

Settings and Alerts

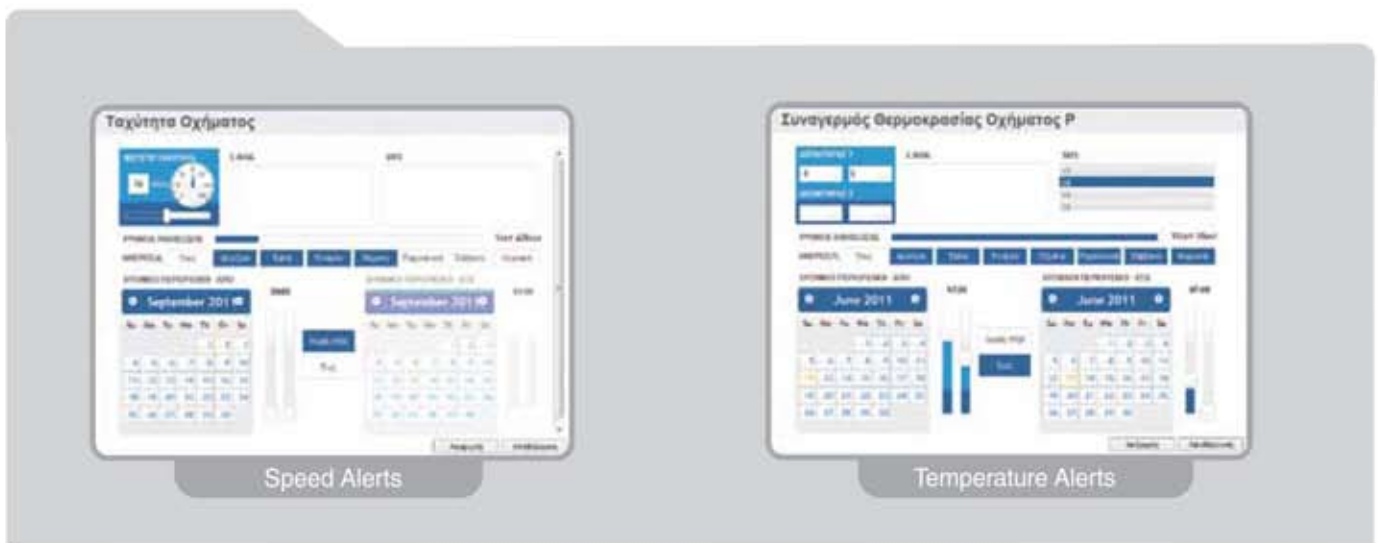
The system administrator imports the alerts from the settings menu. The following alerts can be customised: temperatures alerts, speed alerts and gas alerts.

Speed Alerts

The import of the speed violation alert is a simple process that includes the speed, the day or the activation time identification, as well as the recipients' information via email or SMS.

Temperature Alerts

The temperature alert module can be activated by placing specific temperature sensors to the vehicle's refrigerator that are connected with the software. Additionally, the system administrator can easily process the information that appears in the following picture.



Add- on Modules

Vehicle Temperature

A history of temperature data and alerts can be viewed and printed out, thereby allowing your company to more effectively manage the quality of your products in transport.

The following tools are available to you:

- ✓ Total temperature diagram with zoom option
- ✓ Total temperature on table

Fuel Report

This module receives data from the vehicle's tank and provides the following information:

- ✓ The volume of the remaining fuel in the vehicle's tank
- ✓ The total mileage

Additionally, the tank provides data concerning fuel consumption; in case of extreme deviation from expected fuel indexes, a fuel alarm notification is sent to the administrator.

Instant Access

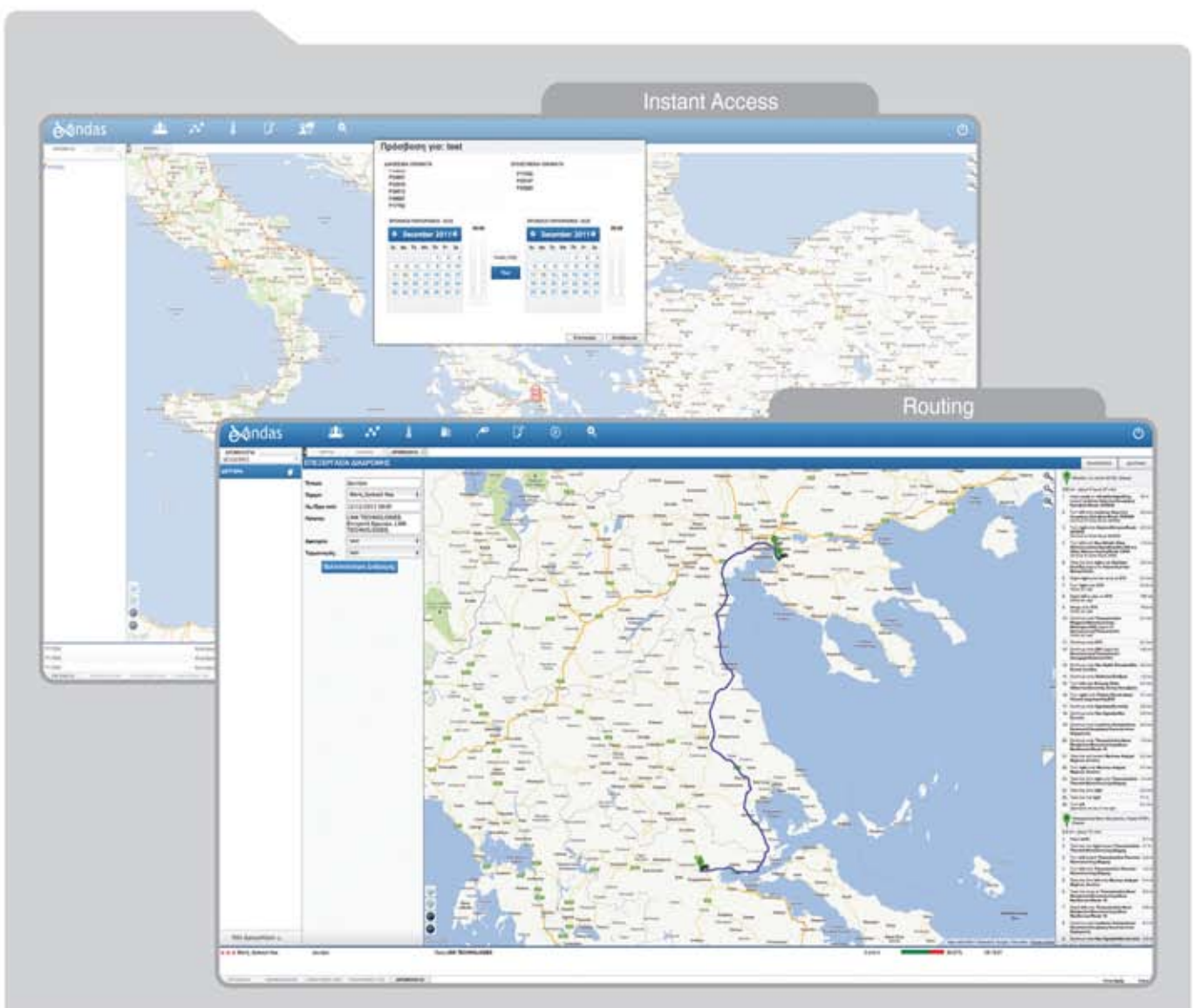
This module is very useful for 3PL companies that consider offering their clients extra services; more specifically, by using the tool "ACCESS", the system administrator can give access to a certain client in order to follow its vehicle. This is a very simple and fast procedure.

The system administrator chooses the client, the vehicle and the time interval that the service should operate; at the same time, the system saves the data for future use. Upon activation, an email is sent including the service details, the login and the password as well as the time interval that it will be activated. A customised interface is designed for every client so it can be used as a marketing tool

Routing

The vehicle routing is a powerful tool in the organizational and managerial procedures of a company. The daily routing scheduling provides data in order to optimize the routing based on km. distances. The launch of this module prerequisites the activation of extra mapping tools, which is recommended for big enterprises that operate electronic data processing for routing their vehicles.

The tools that are used are descriptive and user friendly in order make the procedure simpler and faster. The above picture shows how the user chooses the date and time and then the start/end time of the route.



Connection and Dual Communication with Navigator

This specific module gives a comparative advantage to our solution and makes it one of the most reliable solutions in the Greek market.

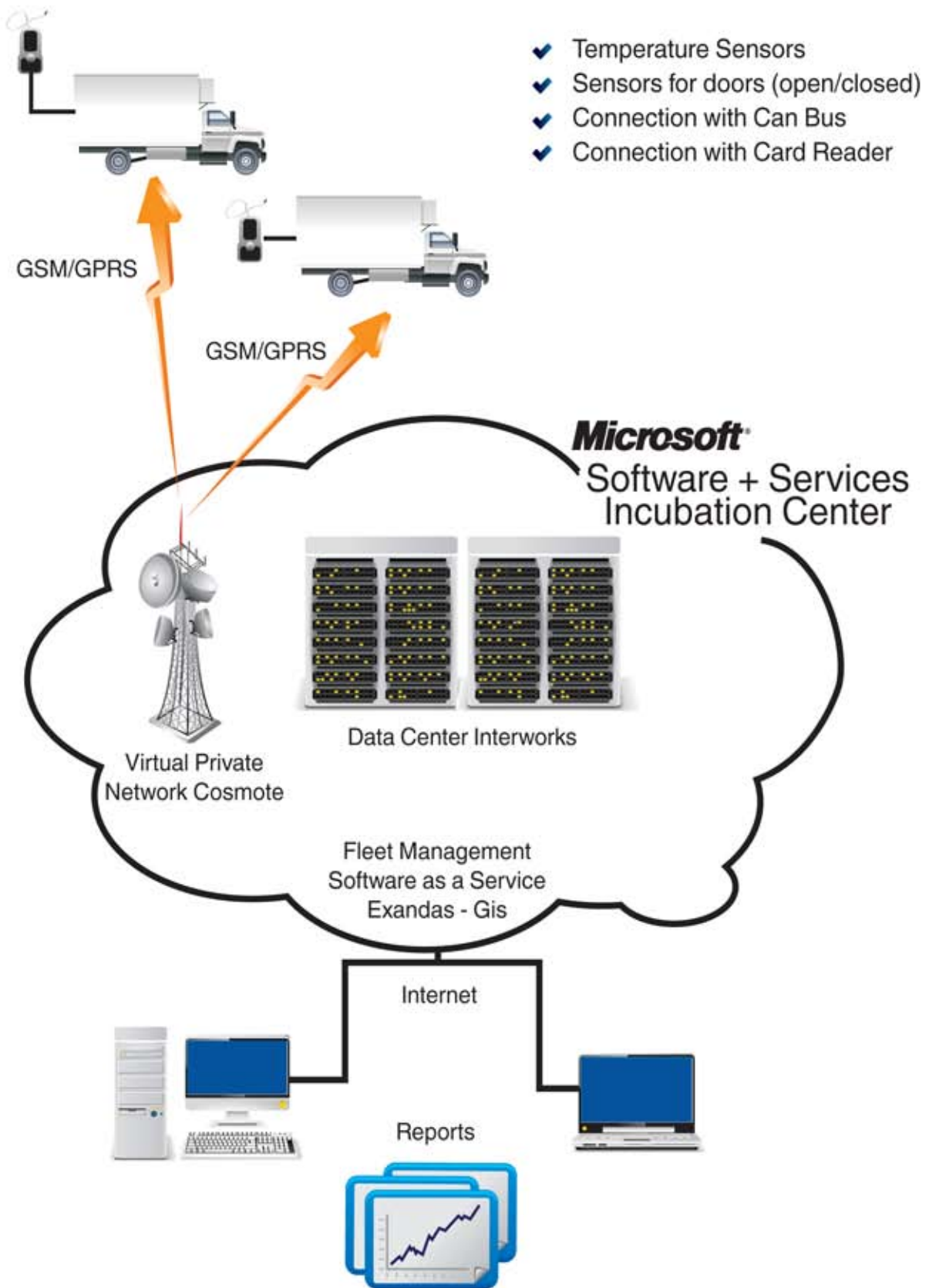
When connecting one of Garmin's navigators to the vehicle's telematics device, the user can "send" routes and at the same time can "receive" updates concerning the vehicle's stops.

Our company can fully customize the messages to be sent from the navigator, as well as developing new routing criteria, according to the client's needs.



Navigator

System Architecture





LINK Technologies was founded in 2002 on the premise that there was a better way to deliver technology expertise and solutions to the private and public sector. In a very short time it has managed to establish itself at the forefront of ICT in Greece. LINK's main objective is to provide integrated solutions in the Information and Telecommunications sector whilst specialising in Transport Telematics in order to meet the needs of modern companies.

With years of experience researching and developing cutting-edge technology,

LINK is at the forefront of its field, developing products for customers in the areas of transport, telematics and software telemetry, both in the public and private sectors. Ex-amples of LINK's customer base include: public transport organi-sations, municipalities, ambulance fleets and private enterprises such as intercity transport organisations, passenger and cargo ships, heavy-goods transportation companies and many more.

The mandate of LINK Technologies is that it constantly inno-vates, creating real-world solutions using the latest technologi-cal developments, so that it might provide convenient, effective and affordable solutions for its clients. Success in LINK's field demands is that it works faster and more efficiently than compe-tition, proof of which is the constantly increasing market share that the company enjoys. From fleet-management solutions (including both land and sea transportation), to software solutions and even smart-phone based solutions, LINK has developed products to suit your needs.

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