IMMERGIS

A SET OF COLLABORATIVE TOOLS FOR GLOBAL ROAD ASSET MANAGEMENT

IMMERGIS WEB

IMMERGIS TAB

IMMERGIS FIELD COLLECTOR

Immergis developed a set of collaborative systems to manage and monitor road assets and network in real field environment.

Composed of 3 apps (web, tablet, smartphone), this Road Asset Management System (RAMS) is designed to fit road infrastructure manager needs for network management:
- ▶ Pavement management (road condition assessment & road schematic display)
- ▶ Costs estimation to help with optimizing budget
- ▶ Road work scheduling (annual & pluriannual planning)
- ▶ Road projects prioritisation

This all-integrated application suite include main GIS functionalities:
- ▶ Produce GIS data
- ▶ Consult and update database
- ▶ Share road information
- ▶ Import & export GIS files, create workspace, etc.

COMPLEMENTARY MODULES
- • Road and construction work monitoring & work reception reports
- • Patrol for daily and field road intervention
- • On demand specific application modules development

EASY TO DEPLOY COMPREHENSIVE INTUITIVE MOBILE FIELD FRIENDLY

IMMERGIS WEB

Immergis Web is a Web Road Asset Management System that helps with decision making & GIS information sharing

SHARE GIS DATA AND ROAD ASSETS INFORMATION

- Collaborative geo-data processing: facilitate several end-users' data processing with a workflow manager
- Specific workspaces settings: define end-users' access permission according to their different rules, projects status and territorial organisations (Ministry, National Agency, etc.)

BRING REALITY TO YOUR DATA

- Access to Location Referencing System (LRS)
- Integrated 3D geo-localised immersive viewing
- GIS data projections in images
- Imajbox® surveys (high re-solution, multi-views, pano-ramic, Lat/Long, X/Y, etc.).
- 360°C coverage

MANAGE AND MONITOR ROAD NETWORK

Real-time control & monitoring of all road works. Dashboards and reports are published for an effective decision-making for maintenance, budgeting and road work scheduling.

PAVEMENT MANAGEMENT SYSTEM

Consultation and monitoring of all pavement & assets damages.

SYNOPTIC BENEFITS

- Simplified and synthetic vision of road assets
- Several viewing and searching modes: horizontal and schematic, by road name, milestone, abscissa relative, with offset value, etc.
- Information dynamic presentation: access easily to any GIS data and modify directly its position and attributes (real-time synchronization and vectorial representation).

ADVANCE FUNCTIONALITIES FOR IMMERGIS WEB
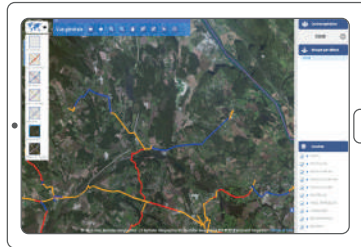
Simplified and multidimensional viewing:
- 2D synoptic view for a clear and linear vision to easily access road assets overview
- 2D mapping for a fast localisation viewing
- 3D image view to bring reality to your data.

ADVANCE FUNCTIONALITIES FOR IMMERGIS WEB AND IMMERGIS TAB

- Adaptable workspace according to user profile, territory and required information level:
    - platform administration
    - data modification and processing
    - data viewing
    - user profile for external users (i.e. subcontractors, public works company)
- Simple and advanced data search tool (multi-criteria, attributes, spatial, buffer, etc.)
- Timeline for modified data monitoring
- Integration of previous road GIS data (Immergis Web integrates all GIS files: shapefile, tab, csv, kml, excel, etc.).

IMMERGIS TAB

Tablet version for direct management on the field

Fully oriented to meet road infrastructure manager's requirements, the web platform is also available on a lighter version adapted for tablets.

Immergis Tab application is designed for a portable and easy use of the platform on Android devices.
It allows to display and update the road database and road works monitoring.

Immergis Tab is easy to use in the field:

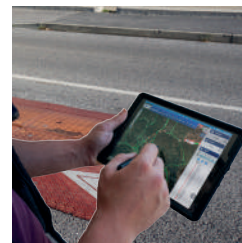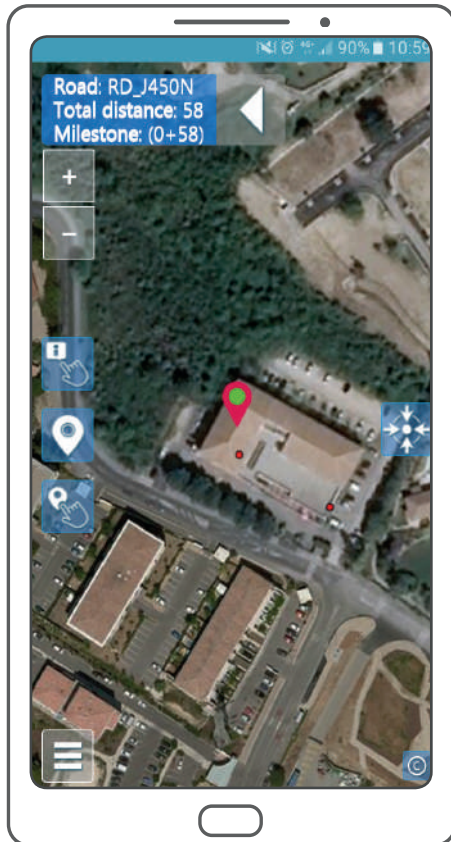|		
On-field access to Location Referencing System (LRS)	Data collection by GPS or by stylet pen	
	Display and edition of the road database	Road works monitoring
Easy attached files adding (pictures, PDF, etc.)		Online and Offline mode (4G/WIFI or cache storage)

IMMERGIS FIELD COLLECTOR

A simplified smartphone application dedicated to trigger field intervention

Immergis Field Collector is a smartphone adaptation of the platform for the needs of field agents on the road.

Designed for Android device, it enable agents to:

Collect field & geolocalised data with Location Reference System (LRS)

Display & edit data

Alert & share GIS data feedback to trigger rapid and targeted interventions

Create events
(signs damaged, ...)

Easily Capture field reality (images, video & sound) to document any data

SUBSCRIPTION
- 1, 5 or 10 users license package
  - Access to Immergis Web, Immergis Tab & Immergis Field Collector
  - With status and access definition (admin, contributor, reader)
- Workspace creation & customisation
- Integration of previous GIS data
- Full-web application: in SaaS mode or installed onsite.

DEMO
A demo access of Immergis set of tools is available on request.

FREE DOWNLOAD ON

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