IMMERGIS WEB

Collaborative Web GIS Platform for a global rail assets management

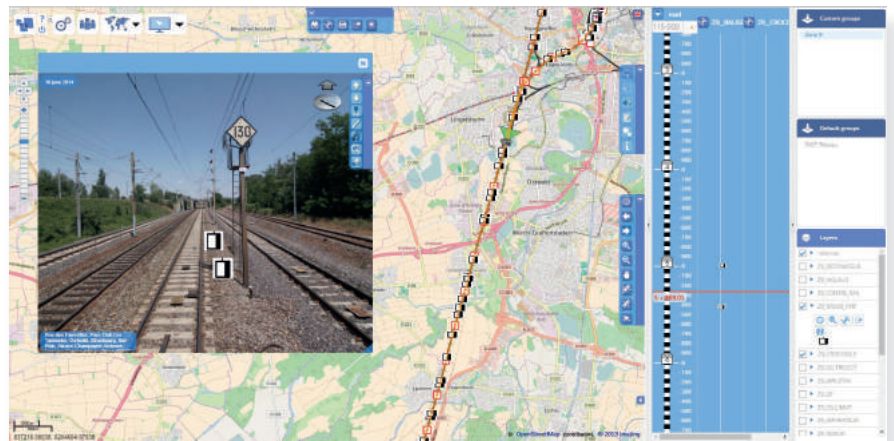| Easy to deploy	Comprehensive	Intuitive	Mobile

OVERVIEW

Immergis Web is a collaborative Web GIS platform to manage and monitor rail assets and equipment in real field environment.
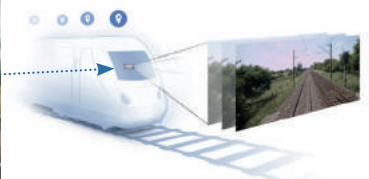
It is an all-integrated application allowing rail network infrastructures managers to:

- Produce GIS data
- Manage and monitor GIS data processing
- Share rail information
- Decide rail projects priorities.

Bring reality to your data

- Integrated **3D geo-localised immersive viewing**
- GIS data **projections** in images
- **Imajbox®** surveys (high resolution, multi-views, panoramic, Lat/Long, X/Y, etc.).
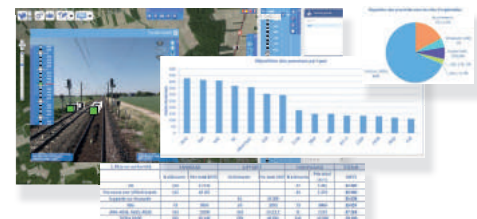

Share GIS data and rail assets information

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

Manage and monitor rail works

Dashboards and reports are provided for an **effective decision-making** for maintenance, budgeting and rail work scheduling.

ADVANCED FUNCTIONALITIES
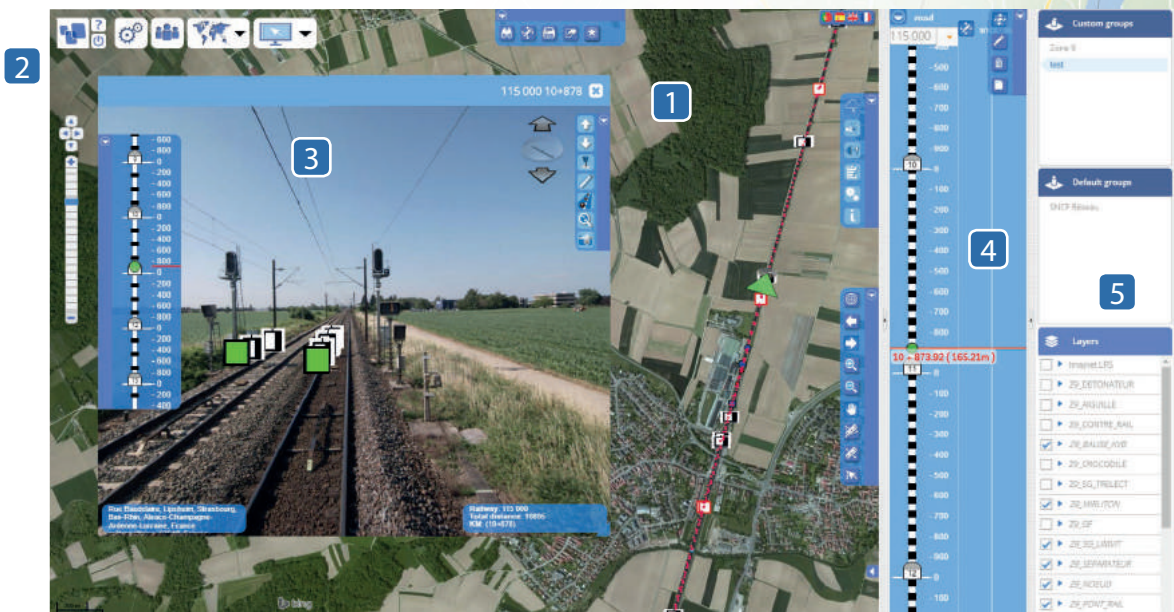
Immergis Web, a user-friendly interface:
- Simplified and multidimensional viewing:
    - ✔ 1D synoptic view for a clear and linear vision to easily access rail assets overview
    - ✔ 2D mapping for a fast localisation viewing
    - ✔ 3D image view to bring reality to your data.
- Adaptable workspace 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.)

- Workflow checking system, to guarantee efficiency in rail works management
- Timeline for modified data monitoring.

Immergis Web integrates your existing rail GIS data.

Synoptic benefits
- Simplified and synthetic vision of rail assets
- Several viewing modes: horizontal and schematic, by rail 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 synchronisation and vectorial representation).

1 2D mapping	**2** Modules access & settings	**3** Image module with 3D environment	**4** Synoptic: linear view	**5** GIS layer control panel

EXTENSIONS

Mobile application

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

Immergis Tab provides users with:
- Online/offline mode: 4G/WIFI or cache storage
- Data collection by GPS or by stylet pen
- Image capture with attachment.

Complementary modules

- Rail and construction works monitoring & follow-up
- Rail works scheduling (planning + estimation)
- On demand specific application modules

SUBSCRIPTION

- 5 users licence packages
    - ✔ Status and access definition allowed (admin, contributor, reader)
- 3 levels: basic, standard, advanced
- Full-web application: in SaaS mode or installed onsite

Demo web platform: demo.immergis.fr (login & password on request)