

Preligens was created in 2016 by two French engineers, Arnaud Guérin and Renaud Allioux, on the belief that humans, namely intelligence professionals, would never be able to cope with the **tsunami of data** made available by the huge investments put into sensors.

They had the idea to use Artificial Intelligence (AI) to automate the analysis of these multi-sensors data and **tip and cue analysts** towards unusual events requiring their tradecraft.

## Our technology

Powering state-of-the-art Machine Learning and Computer Vision, Preligens aggregates information from multiple image sensors to provide its Defence and Intelligence (D&I) customers with **strategic knowledge** regarding mission critical areas of interest. The company is a global leader in AI-enabled D&I applications and offers a pioneering Image Intelligence (IMINT) solution for strategic sites monitoring.

### ID Card

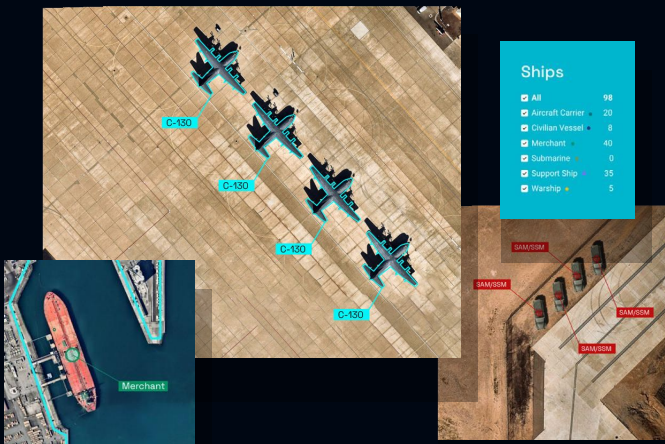
- Creation date: 2016
- HQ in Paris, subsidiaries in the USA, the UK, Belgium, Germany and Singapore
- 180 employees (January 2022)
- Expert in AI and Defense
- Biggest AI team for Defense in Europe

## Our IMINT solution for strategic sites monitoring

Derived through powerful **object classification algorithms**, Preligens Strategic Site Monitoring solution displays information extracted and structured from **EHR and VHR satellite imagery** to follow thoroughly the evolution of strategic sites of interest.

Leveraging the expertise of Preligens' domain experts and former intelligence professionals, it provides its users with dashboard-centric alerts to be tipped & cued towards **unusual patterns of life**, along with the drill-down capability to assess the full image context.

Analysts use the solution to process and leverage 100% of their data, hence monitoring multiple sites simultaneously.



## A certified IMINT solution with unmatched capabilities

**Cloud or on premise deployment**, on commercial or government sensor data

- relying on **highly generic algorithms**, even functional on data types that are not available for parameterization, adaptable to over 20,000 sites of military interest
- thanks to a modularization of all software components and a dedicated delivery team

**Scalable** in an operational environment

- through connectivity to image ground station and any number of computing units for the on premise deployment
- with an easy "site-to-monitor" addition and customization

**Adapted** to analysts' work methods

- compliant with the **STANAG 3596**
- displaying dedicated dashboards to identify **patterns of life**
- with an automated and customizable alert system for **tiping and cueing**
- embedded data export and user rights management features

Object detection and classification algorithms with **exceptional performances**

- Developed by a team of **60 AI engineers**, whose work has been recognized through various scientific publications
- Thanks to a training database of more than **6 million objects**, built over 5 years with multiple data providers and **labelled through proprietary methods**.

