Fulmar is a software solution that allows real-time monitoring of passengers during their transit time at the airport. It takes their demands into account, and measures the capacity of each area, thereby providing managers with valuable information with which they can take pro-active action on.
What is Fulmar?
Fulmar is the Ikusi solution enabling airports to achieve a new dimension in passenger flow management.

Who is Fulmar for?
For those airports ready for a leap in airport management by offering passengers improved experience and optimizing the use of airport resources.

How does Fulmar work?
Fulmar performs passenger monitoring and tracking in real time such that airport managers know the status of the different points critical to airport operation at any given time, like check-in zones, security filters or immigration.

Using the latest artificial intelligence techniques, Fulmar detects patterns enabling airports to optimize the use of their resources and adapt passenger flow to maximize non-aeronautic income.

Fulmar in detail

• Metrics Explorer: enables detailed analysis of passenger flows, with the capacity to extract metrics such as current waiting time, estimated waiting time, number of passengers per zone, processing by resource, and load capacity of a sub-process.

• Smart Airports: specially designed for the main airport procedures, check-in, immigration, security and customs.

• Origin-destination Routes: Fulmar makes it possible to know the origin-destination routes of passengers within the terminal.

• Camera-agnostic: Fulmar can operate with the cameras of any manufacturer.

• REST API: Fulmar can share its metrics with other systems (FiDS, Airport Website, App).

• It is GDPR-compliant: the Fulmar solution is compatible with the GDPR.

• Multi-airport: prepared to respond to operators managing more than one airport. Fulmar provides a unified vision of the airport network.
• Self-service Analysis: to run an exhaustive analysis, an attractive dashboard is not sufficient. Using a drag-and-drop system, the Self-service component asks new questions, detects tendencies and identifies new points for improvement.

• Proprietary Neuronal Networks: Fulmar uses proprietary neuronal networks from the Deep Learning sphere.

• Real-time Deep Learning: Fulmar contributes real-time metrics backed by its artificial intelligence engine.

• Plug and Play: simple, highly scalable implantation.