



ATC Surveys in a hospital

LOCATION País Vasco

CLIENT

DATE 2021

MARKET Infrastructure &
Engineering

DETAILS

- 4 artificial vision cameras
- 3 Radar ATC surveys



The client company's objective was to study the traffic, using artificial vision technology ATC surveys in combination with pneumatic tube/radar surveys, circulating at three points (four intersections and three trunk roads) on the approaches to a hospital centre, measuring the road traffic at the designated points for 48 hours on two working days.

At present, the intersections are regulated by priorities and the aim is to establish an O/D matrix in a time series (simultaneous measurement with several gauging machines on the same day).

In this work, the traffic circulating through the designated points was determined by placing artificial vision cameras and radars/pneumatic tubes for automatic counting, which accurately defined the vehicle flows on these roads during the study period, segregating them by hourly and

daily intensities, and the classification of vehicles circulating on these road.