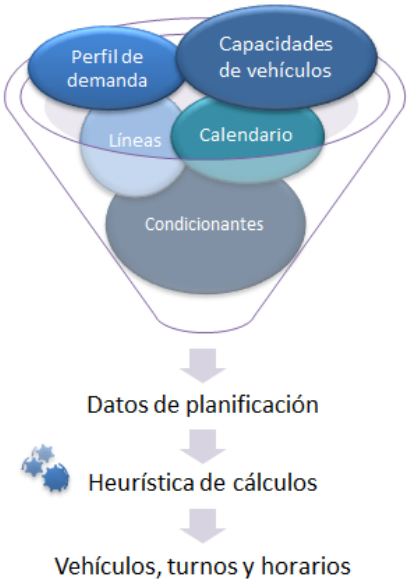
Auriga

AURIGA. Management and planning system for passengers transport companies

Auriga is a web based solution for passengers transport companies which allows to improve the resources planning and management. It generates **automatically an optimized drivers shifts and vehicles timetables from demand data profile** (number of trips, service frecuency, ...). Besides, Auriga allows the **driver management, vehicles management, lines, company parameters**, including different shift kinds, work calendar , economic management, **salaries management** and a wide range of reports for an easy company management.

Company managers have to manually calculate the number of necessary vehicles and drivers for accomplishing their agreements. It usually takes a long time and an optimized result is not assured.

Auriga calculates the vehicles and drivers shifts and minimize both the needed resources and the time employed to get the solution by using **heuristic and predictive algorithms.** All this performance implies a considerable **cost reduction**



As a planning system, Auriga offers automatic and reliable results, which maximizes the company benefits while minimizing the number of drivers and vehicles for attending the expeted demand.

AURIGA provices **an important support for the company management and a detailed activities report.** This helps to **get the payrolls automatically** with its corresponding complements for each employee.

SHIS

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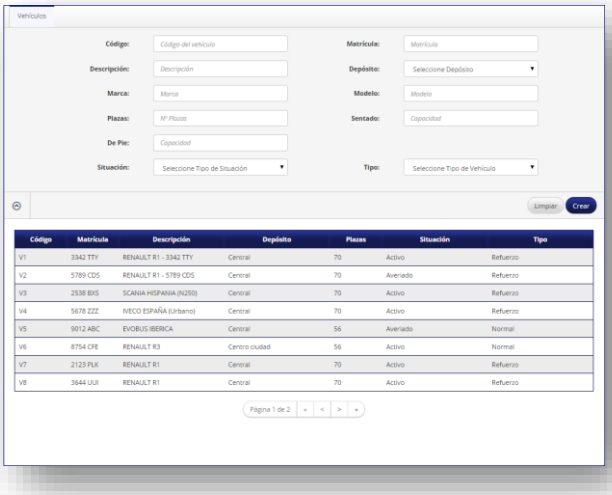
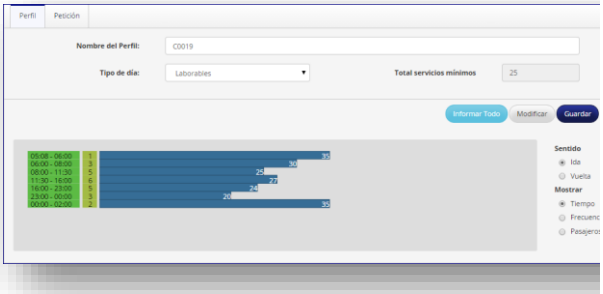
MAIN AURIGA FUNCTIONALITIES

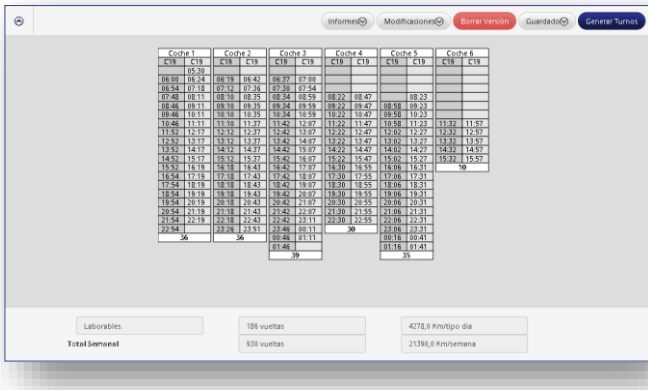
- **Resources management (vehicles and drivers), network components (lines and stops) and company parameters configuration (drivers shifts, calendars, etc…)**

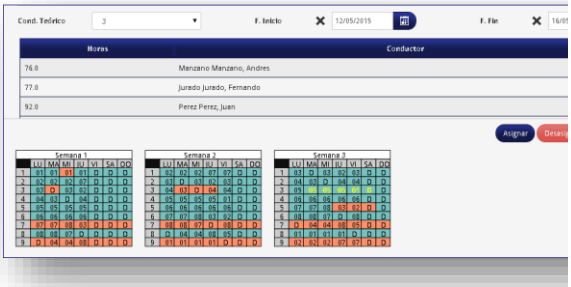


- **Payroll complements calculation** (extra time, avaiability, travels, …)
- **Lines economic control (collections, , cash balance, …).**
- **Management assistance with a wide documental support and reports.**
- **Demand profile data input.** For each line an estimation for the expected demand is configurable.



- **Demand profile based schedules calculation.**



- **Calculation of employees shifts for covering buses schedules.**

- **Real vehicles and drivers allocation for Auriga schedules and shifts.**