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algowATT GREEN TECH SOLUTIONS experience

Ticketing and boarding terminal automation

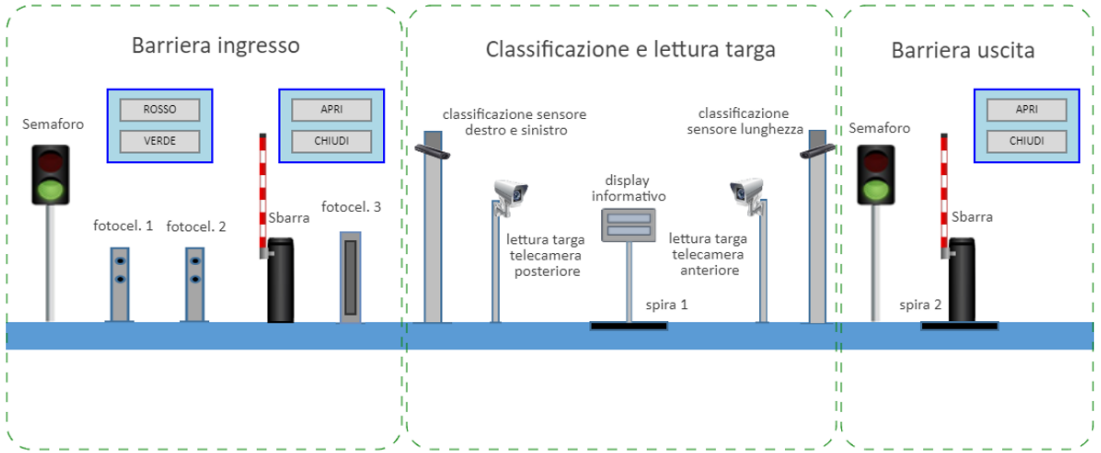
Nicola Caruso
PROJECT MANAGER

CARONTE & TOURIST

Caronte & Tourist at Villa San Giovanni (RC)

The project was strongly asked by C&T to automate and speed up toll payment and boarding processes for Villa San Giovanni - Messina sea route.

The system handles the transit of more than one million vehicles, with exceptional traffic peaks in July and August.



AlgoWatt's approach to meeting the challenging goals of the project.

- High level of automation for access processes to ticket issuance gates, payment and vehicle routing at boarding gates
- Great attention to system reliability in terms of hardware and software redundancies to avoid disruptions to users
- Integration in a single operating environment of different systems, technologies and field devices both already in use at the terminal (Telepass) and newly provided by algoWatt (vehicle classification, license plate reading, ticketing issuance and re-reading, entry and exit barrier management)
- Predefined scenarios and logics management, that can be activated according to the terminal operator's operational needs and/or based on the occurrence of certain conditions

Provided technical solution based on:

- ADVERTO™ monitoring system by algoWatt, duly customized for the integration of all the systems of the plant into a single remote control platform, that allows integrated management through a single operator interface by the operating staff
- PLC - RTu-GO Product Line, designed and supplied by algoWatt for the development of the various automation logics

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