

Serveo and Telefónica Tech inspect traffic accidents for the Community of Madrid with drones



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Serveo and Telefónica Tech have carried out an innovative pilot project for the Community of Madrid that allows the inspection of traffic accidents and the state of its roads with drones. This is a pioneering project that shows the potential of drone technology to promote safer, more efficient and sustainable mobility.

Both companies, together with the operator Navalair, have carried out a 4.6 kilometres drone flight out of visual range from the North Zone Road Maintenance Centre in La Cabrera (Madrid) to a simulated accident at kilometre point 1+300 of the M-631 road, with the aim of optimising the inspection of accidents and speeding up the response of the Serveo service in critical situations.

Drone technology will make it possible to quickly assess the scene of any incident that occurs on the roads, speed up the response of the conservation and emergency services and improve the care of the people involved in the accident. In addition, drones provide a complete aerial view of the accident scene, which can be particularly useful for further investigation in the case of complex accidents.

The pilot project has also simultaneously inspected 13 kilometres of the M-608 road with LiDAR technology using a drone piloted from a moving vehicle, with the aim of obtaining a cloud of points for subsequent processing and analysis by Serveo and the Directorate General of Roads, Department of Housing, Transport and Infrastructure of the Community of Madrid, which will allow the necessary actions to be planned to improve road safety on the infrastructure.

Cristina Aragón, head of innovation at Serveo, said: “This project demonstrates Serveo’s commitment to road safety and efficient infrastructure management, placing us at the forefront in the

implementation of innovative solutions to promote safer and more sustainable transport.

Alfredo Serret, Global Head of IoT at Telefónica Tech, said:

We are very proud to carry out this innovative project with drones in the field of mobility that will improve road safety and speed up the response in case of accidents. It represents, without a doubt, an exciting step forward in the management of transport infrastructures and the prelude to being able to carry out this type of flights in the future with 5G technology

Pedro J. Capote, CEO of Operadora Navalair, said:

This project has been a great challenge for our company. We have been able to demonstrate once again that drone technology is a great tool when it comes to obtaining data and images, among other of its multiple uses, with the resounding success of the operation. It has been a great pleasure to work hand in hand with the Telefónica Tech and Serveo teams, two giants that undoubtedly work every day to improve services for all users

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