

YellowScan Joins Forces with Dutch UAV Manufacturer



YellowScan has entered into a new product partnership with Acecore Technologies to offer the market a completely integrated Lidar-UAV solution configured to work together. YellowScan is a global leader and designer of next-generation unmanned aerial vehicles (UAVs or 'drones') and Lidar solutions, while Acecore Technologies is a Dutch developer and manufacturer of professional-grade UAVs for data collection and surveillance markets.

Unlike other [YellowScan solutions](#), the YellowScan Mapper is a purely aerial Lidar solution that is ideally flown at 70m above ground level. Although it is designed to fit most professional drones and comes with an integrated camera module, the French Lidar technology company has now worked with Acecore to configure Mapper to take full advantage of the Zoe platform.

Combining high-end Lidar and UAV technology

YellowScan Mapper is designed for general topography projects and is particularly suited for civil engineering, powerline, forestry and archeology missions. The YellowScan Mapper seamlessly integrates with existing YellowScan software solutions, LiveStation and CloudStation, making it easy to live stream point cloud data while the system is flying, and comprehensively post-process, visualize and export survey data right after the flight.

The Acecore Zoe is a highly versatile quadcopter, designed to perform in any circumstances. The hand-made carbon-fibre drone can carry the YellowScan Mapper with its RGB camera module for 28 minutes continuously, taking only 90 seconds to ascend to 70 metres AGL and initialize the YellowScan Mapper's IMU. The optional laser guided terrain following mode keeps Zoe at a constant height, ensuring a quality output throughout the survey area.

"Seeking partnership with YellowScan makes a lot of sense for us. It enables us to supply the worldwide market with true end-to-end Lidar mapping solutions with an unmatched level of support and aftersales service," said Jorrit Linders, founder and CEO of [Acecore Technologies](#).

"Despite the fact that the Mapper is designed to be agnostic to the UAV it is mounted on, the opportunity to make sure that their Zoe drone and our Mapper Lidar solution work seamlessly benefits our clients. Both companies have been around for a long time and that translates into user experience that is second to none," stated Tristan Allouis, CTO of [YellowScan](#).