

Company Description

Drone Harmony is a leader in automation software for data acquisition workflows in the commercial drone market. Its software solutions are based on a proprietary 3D Flight Planning Engine enabling market-leading degrees of automation in flight plan generation, plan visualization and flight execution, leading to safer and more efficient data acquisition. With its software solution, Drone Harmony makes it possible to scale drone-based data capture workflows from small PoCs to large enterprise-wide operations.

Drone Harmony is a software company developing a data capture platform that enables enterprises to capture quality data of infrastructure assets, thus addressing the main hurdle they encountered when attempting to tap into the benefits of digitalization: the lack of complete, quality and up to date digital databases representing the enterprise assets.

Drone Harmony's market-first 3D data capture platform consists of mobile and web applications and a cloud service, all fully integrated. It is designed for easy incorporations into the enterprises' infrastructure workflow and supports off-the-shelf, widely available drones, making it globally deploy-able. The key enabling technology is an automated mission planning capability that exploits GIS, CAD and shape data about the geometry of the inspected asset and its environment to generate and execute safe and optimized data capture missions in complex use cases. Our platform is the first to incorporate a full 3D working interface.

Drone Harmony is a Swiss company active globally. Since its establishment in 2016, Drone Harmony customers successfully automated over 400,000 commercial drone flights in a large variety of application domains all over the world. The application is widely used to automate complex inspections in the cell tower and bridge inspections, terrain aware mapping, mines, roads, pipelines and many more to come.

Partnerships

Drone Harmony partnered with Bentley Systems to combine its flight planning technology with the market leading reality modelling solution ContextCapture. Furthermore, together with partners in the inspection industry Drone Harmony develops and deploys automated flight planning solutions across various industries, ranging from inspection of cell towers, pipelines, mines to mapping of roads and many more to come.

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