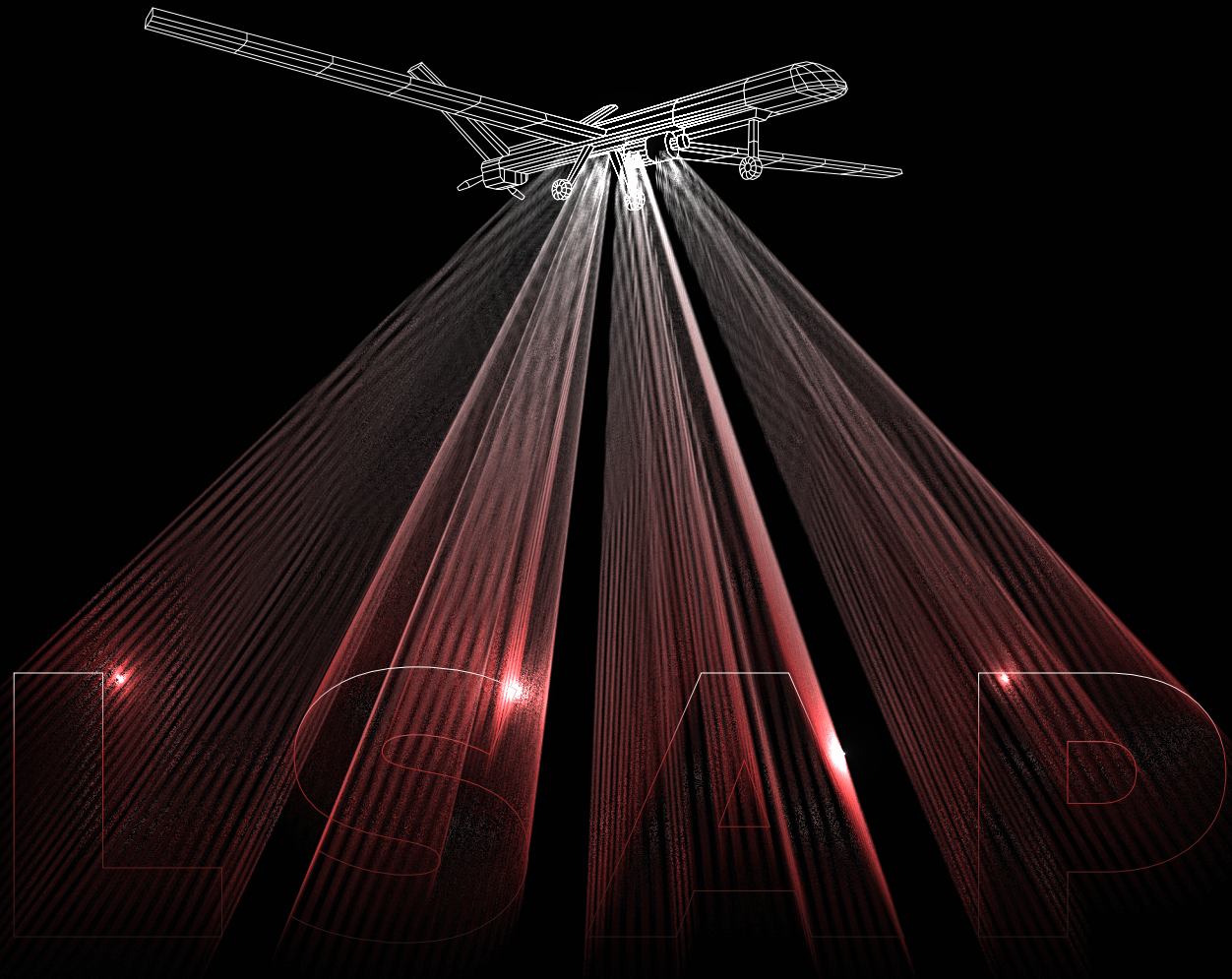


The Automatic LiDAR Solution - LSAP

WHAT IS IT?



LSAP

LSAP, LiDAR Synchronous Acquisition and Processing, is the next step towards totally automated LiDAR data acquisition and processing. LSAP generates deliverable data at landing; providing a superior, accurate and effortless solution for anyone who wants 3D data. It frees people from tedious steps in generating RGB attributed LiDAR data. With LSAP, anyone can produce professional quality RGB LAS files at the end of every flight mission.

VISIT WWW.LIDARSWISS.COM TO LEARN MORE.



LIDAR SWISS
MOBILE LASER SOLUTIONS

HOW DOES IT WORK?

GNSS differential correction by L-Band (satellite)

RGB attributed value to laser point cloud

Adjust flight lines for elevation and trajectory

Create trajectory

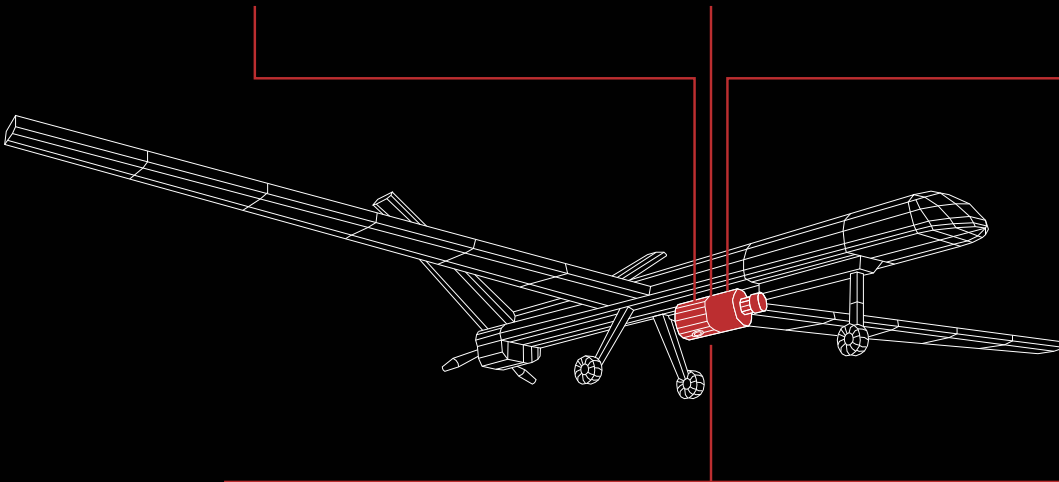
Filter data at takeoff, landing and turns

Convert / transform coordinates

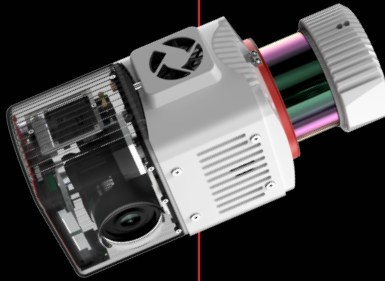
Generate laser point cloud

Edge match flight lines

Archive all original data



Built in the Controller of LS LiDAR systems, LSAP automatically processes the above steps during flight:



RGB LAS files and DSMs are ready for download at landing.

How is it making an impact?

LSAP produces accurate data delivery at the speed of acquisition. It requires minimum manpower in the field, simplifies the traditional LiDAR data workflow and creates low technology entry access for newcomers. The invention of LSAP will greatly increase the efficiency and the economic value of projects in various industries. Simply put, LSAP benefits everyone in the LiDAR industry.

