

An aerial photograph of a city with a clear grid street pattern and a river winding through it. A semi-transparent map grid is overlaid on the image, showing the city's layout in a light gray color. The text "LiBackpack Handheld Mapping System" is overlaid on the top left of the image in white.

LiBackpack

Handheld Mapping System

LiDAR & SLAM Integration

LiBackpack enables users from a myriad of industries to accurately acquire rich 3D point cloud data quickly and efficiently. Integrating LiDAR with SLAM (simultaneous localization & mapping) technology allows for seamless indoor/outdoor data collection capabilities. Visualize the point cloud in real-time and generate high precision geospatial products with minimal data processing. Highly automated by design, LiBackpack has been successfully deployed by users in forest inventory, infrastructure, mining, stockpile inventory and more.

