

Shaping the future of airborne mapping with hybrid imaging & LiDAR technology

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SUMMARY

This presentation highlights the next evolution of Leica Geosystems' hybrid airborne technology, integrating advanced imaging and high-performance LiDAR within the same system platform and unified workflow. Building on decades of innovation, the presentation explores how hybrid solutions enable users to “fly once, use many times,” capturing multiple datasets in a single mission. A key focus is Leica MultiMapper, a compact and easy to deploy solution compatible with helicopters and small aircraft that bridges the gap between large-format airborne systems and mobile mapping solutions, enabling efficient data acquisition across multiple applications. Leica CoastalMapper, the new Leica CityMapper-3, and Leica CountryMapper will also be covered in the presentation, highlighting their role within the hybrid portfolio for bathymetric, large-scale, and urban mapping applications.

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