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Using 3D Data to Create an Electronic Airport Layout Plans

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For years, the creation of Airport Layout Plans (ALPs) has been an excruciatingly manual process. The effort can take over a year to complete. One of the ways to create snapshots of airports is through the use of 3D scanning technologies. A majority of the data collection can be done in just days, alleviating the need for the longterm closure of runways during peak times. The result is a robust GIS dataset that can be used by the many levels of airport operations and maintenance.