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Mobile LiDAR Mapping is the next generation of field data capture for GIS

Presenter

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With the ability to collect data as far away as 300 feet in a 360 degree field of vision, and at survey grade accuracies while driving up to 60 MPH, the LYNX Mobile Mapping solution is an amazing tool that can be used to collect data for GIS, CAD Design, DEM/Contour creation and Surveying purposes. The detail and accuracies achieved with this technology is amazing and the number of applications that can benefit from one data collection pass makes this next generation of mapping technology both economical as well as extremely accurate.

This presentation will show examples of LiDAR point cloud data collected with the mobile unit. Examples will be shown of accuracy verification, CAD and GIS data extraction. Several examples will be shown that highlight the level of detail that can be attained when points are taken only a few feet above the ground, including examples of pavement cracking and utility patching, differences in surface road types and resulting GIS data and calculated quantities. There will also be two or three point cloud fly-throughs.