

GEOSPATIAL GRID STUDY, INFRASTRUCTURE DESIGN & FIELD TEST PROPOSAL

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The Geolocation Study and Field Test Proposal will be undertaken to determine the current accuracy of geospatial data for the Philadelphia Region. Emphasis will be placed on determining the accuracy of current SA Geospatial Grid (based on existing national standards) and create a new "Smarter Agent Geospatial Grid" based on Density Grids and the addition of real time geocode points along a line. Field tests will then be conducted based on the recommended methodology for improving positional accuracy. Smarter Agent Product will gain a highly accurate geocode methodology areas based on the Study and test validation.

The project seeks to rapidly develop, test and validate a methodology for accurately acquiring geo coordinate information for a large metropolitan area with multiple degrees of density. The goal is to design a highly accurate Geospatial Data Grid Repository initially for the East Coast Region and then expand it nationally.