**Product Data Sheet:** Wolf GIS II

Provide an easy to use tool for flying shape files on top of Google Maps. Shape files should be stored locally and be easily updated from a cloud storage repository. The local end user device repository will include only a subset of active files being processed/cached for immediate disconnected use.

GPS /position estimate will drive an active compass/position pin/icon which can be enabled within a bounding polygon set .. overlay ... registered to the map coordinate system.

Spatial Data Repository:

Fly local repository data including:

User Shapeﬁle and MapInfo Vectors Support

• User Imagery Support (.Sid, .tif, .ecw, jpg, others) add KMZ and

KML shapeﬁle reading

• Colorize elevation data based on elevation values

• Weather feature

• Tract Navigation

• Tract statistics (including vertices, perimeter and area

• Measure the distance between two or more points

• Display current GPS lat/long coordinates

• Jump to speciﬁc lat/long positions on the map

• Google Map Support ... Bing map support need more options also need better topo maps (Phase II)

• Tract Photos: displays photos taken at the location on the map.

• Search engine: to search attributes(meta data) phase I, within shapeﬁles like customer name, parcel number etc (Phase II)

• Need to be able to draw and measure your own polygons and save it to a customer or job name

(walk and draw... then edit) Phase I

• Need to be able to auto generate sample data integrated with TrackLock (Phase I)

• Document and write text within a polygon to keep up with notes on jobs

• When up touch a polygon it brings up a window and tell you information about polygon you

chose.

• In Forestry we need to keep up with the information like what crew, merchantable timber( kinds

of HW and pine), how many loads, what mills, distance to the mills, loading deck location, rd

condition, steam management zones, grid lines for plotting and cruising tracts, wet land info, all

needs to be stored in the customer info folder.

• Email shapeﬁle support: the program must read shapeﬁle emails so when you open the email

the program gives you a option to save to your local repository.

• Color chart: to change the colors of shapeﬁles to identify them from each other

• Need a measure tool to measure the area of each polygon.

All data is encrypted.

Alert user if position estimation is lost or weakened.

Alert user if other applications should be shut down.

Application publication: