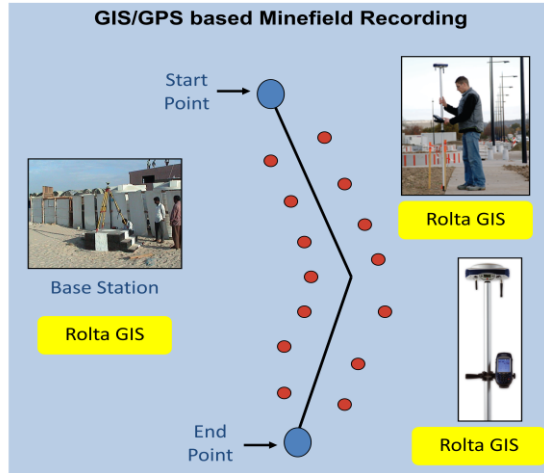


Rolta Mine Field Recording System

Rolta Mine Field Recording System (RMRS) is a solution based on proven technology specially designed to cater to the needs of field activities of a Sapper. This solution leverages both GIS and Global Positioning system (GPS) for recording precise location of the mine when it is laid. Laying and maintenance of mines involve considerable risk to men and material and hence handled through automated systems and this solution helps immensely to record the mine positions using the integrated technologies built within.

The information thus collected by this solution is immensely helpful especially during the post-war scenario for recovering the buried mines – without causing any collateral damage to the men and material.

User can use this solution with minimal training and can generate plots and maps that contain precise mine locations. Various display, measure and data management tools helps the user to store and retrieve mine field with time information for precision operations.

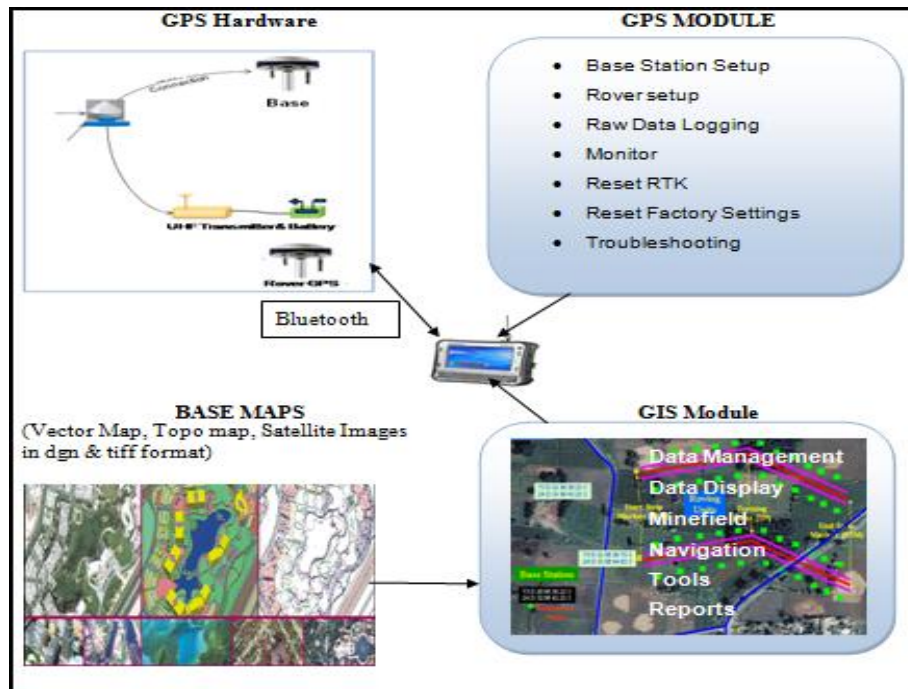


Key Features

- ✓ Ability to plot and record in memory the coordinates of any desired point on ground at which the equipment is taken.
- ✓ Ability to back-up data with adequate redundancy.
- ✓ Ability to record all the details of a mine laid on ground, to an accuracy of 4 cm or better.
- ✓ Ability to save the plan and record the as-laid out scenarios for future use
- ✓ Integration with data management, precise location measurement and data display tools



Rolta Mine Field Recording System



Benefits

- Ability to assist the engineers to quickly plan maintenance schedules, and plan new minefield layouts on a Map based GIS solution.
- Quick visual comprehension of the mine field layouts
- Ability to generate tabular as well as graphical reports
- Ability to get the progress of mine laying operation at any given point of time
- Enables quick de-mining operations
- Ability to remotely operate the system ensuring minimal men and material damage

