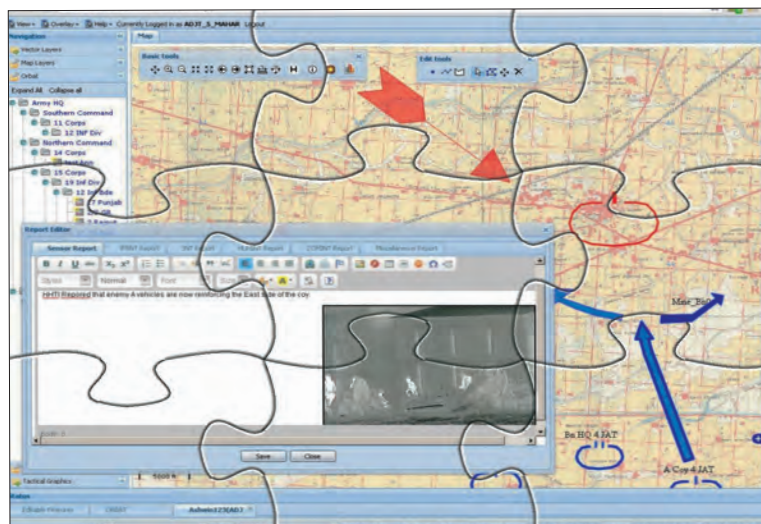


Rolta Battalion Level Sensor Integration System



With high-tech sensors like UGS, HHTIs and BFSRs, the Infantry Battalions now have the means to generate and use real time/ near real time 'INT' to enhance their operational effectiveness.

In response to Infantry Battalions highlighting their critical need for a 'solution' to integrate their sensors and provide the means to handle the Intelligence inputs in the battalion, Rolta developed the 'Sensor Integration System' in close collaboration with the Users.

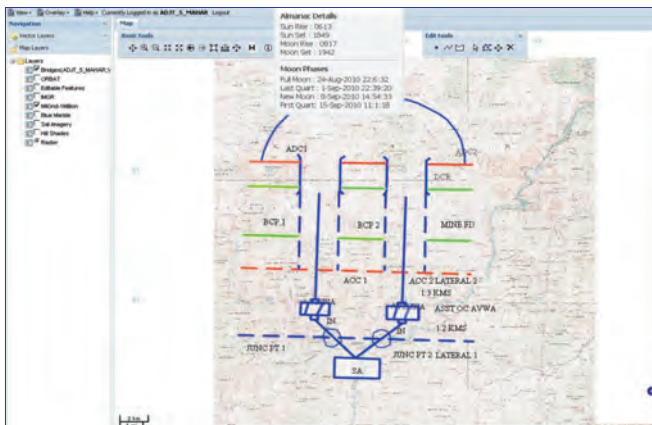
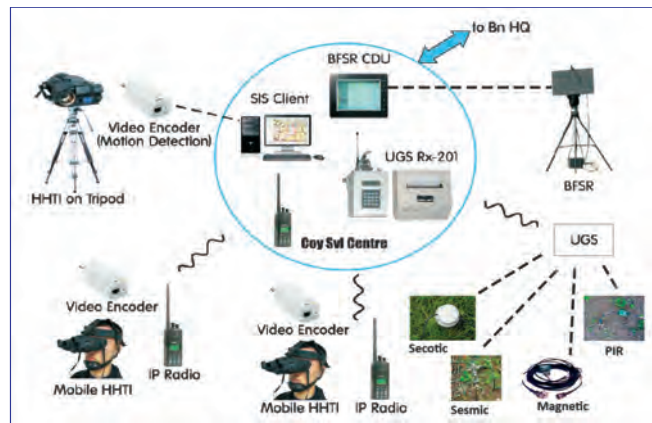
The system caters to bring the alerts/outputs generated by the Infantry Battalion sensors to a single display in the background of a map/geo-referenced image.

The system provides the users a mean to correlate sensor alerts and to share and cross reference the information/intelligence obtained through other means.

With this state-of-the-art SIS solution, the Infantry Battalion will now have the ability to comprehensively exploit fully the means provided to it and genuinely translate these benefits to enhanced operational capability- ON GROUND!

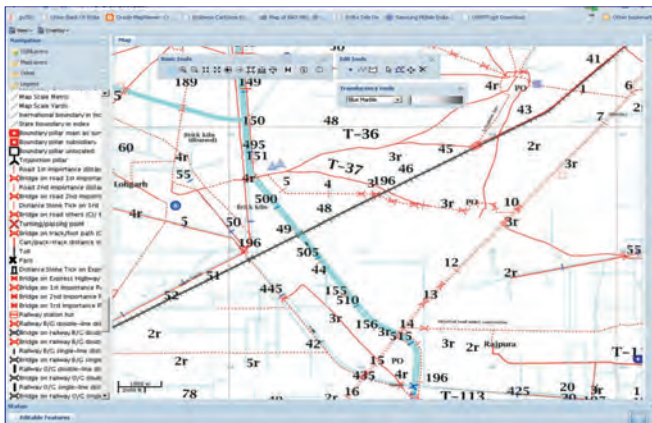
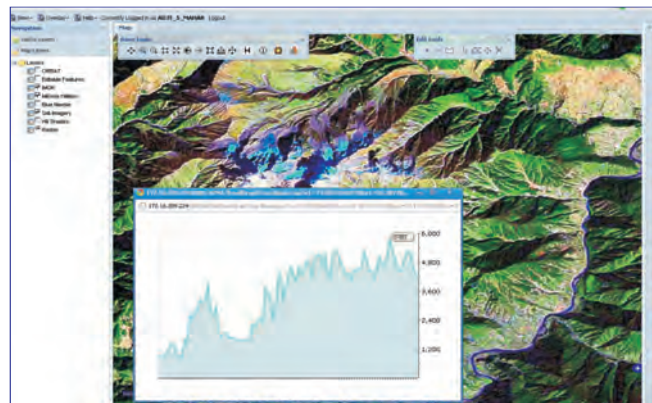
Features

- An **indigenous** Web based solution
- **No data stored at client end**
- **Collation, analysis and correlation** of sensor inputs and other Intreps
- Archival/retrieval, storage & query of reports over time - at battalion level
- Replaces the current system of daily textual SITREPs using geo-tagged overlays



- Increases capability to process and disseminate information.
- Correlation of intelligence inputs with alerts from battalion sensors
- Caters for exploited Geotagging of HHTI video clips
- Caters for Indian military map data
- Provides a platform to rapidly integrate new/additional intelligence inputs

- Assist in **planning** of operations in a collaborative manner
- State-of-the-art, **OGC compliant, scaleable architecture**
- Meets requirements of conventional & Counter Insurgency / Counter Terrorism operations
- Extendable to integrate with additional sensors in future. e.g. micro UAVs



- Can also be used in fusion centers of police / para military forces
- Designed to work over **extremely low bandwidths** and over different media
- Will integrate with BMS solution, when it gets fielded

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