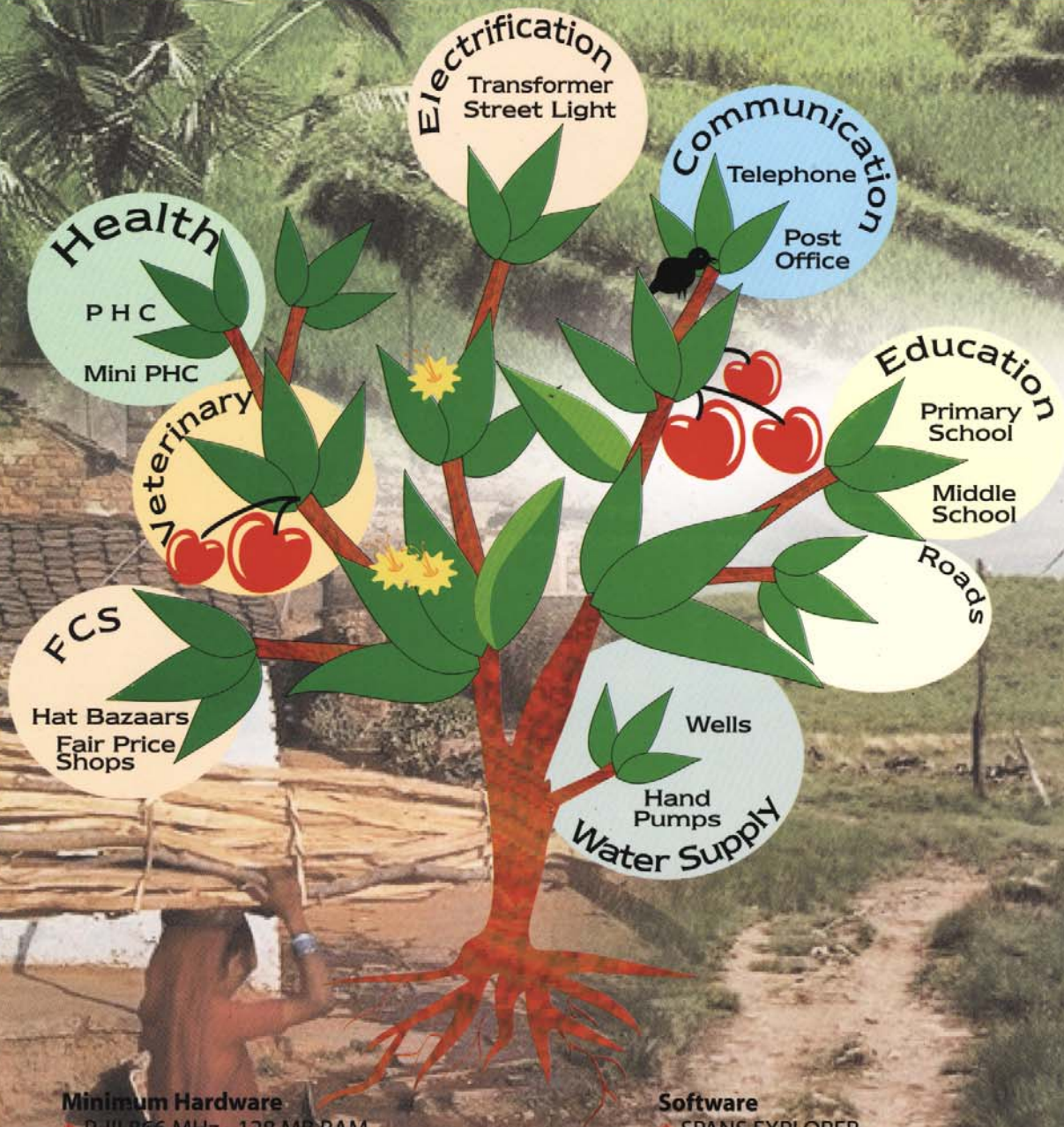




GEOMATICS-BASED FACILITY MANAGEMENT INFORMATION SYSTEM

A STEP TOWARDS GEOMATICS-GOVERNANCE



Minimum Hardware

- ◆ P-III 866 MHz - 128 MB RAM
- ◆ HDD 40 GB
- ◆ 15" Color Monitor
- ◆ A4 size inkjet/laser color printer.

Software

- ◆ SPANS EXPLORER
- ◆ MS-ACCESS
- ◆ WINDOWS



Governance, amongst others, includes all aspects of physical planning, management of social and physical infrastructure, facility management and land use planning. In all these areas, there is a special emphasis on spatial dimension. In the present age of emerging technologies, Geomatics which is the synergy of multiple disciplines, is gaining prominence for management and analysis of spatial and non-spatial information. Geomatics-based approaches are thus being increasingly recognized to offer efficient integrated solutions towards effective governance.

About e-GRAM SUVIDHA

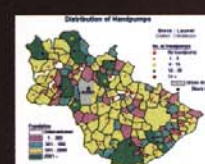
e-Gram Suvidha is a Geomatics-based Decision Support System towards creation and management of various village-level facilities in rural areas. It provides an interactive and user-friendly interface for map-based outputs. Digitized spatial features (locations & boundaries) of Blocks, Panchayats, villages, road & railway network and non-spatial databases on related facilities constitute inputs to e-Gram Suvidha. Presently, it covers about 20 facilities, conveniently organized under 10 major sectors. These include Education, Health, Communication & Roads. However, e-Gram Suvidha offers a seamless integration of additional facilities/sectors owing to its open-ended design. e-Gram Suvidha has been designed & developed by NIC Madhya Pradesh State Unit and successfully deployed for Zila Panchayat, Chhattarpur in M.P. It can easily be customized to meet the similar needs across the country.

Features

- Sector-specific compilation of thematic maps
- Special tool bar for map viewing / editing
- Support for zoom, pan and map composition
- Built-in traverse-aid and distance computation
- Query - based map output
- Optimized identification of a suitable location meeting a specified criteria

Benefits

- Facilitates effective & efficient decentralized planning
- Helps in better management of facilities
- Helps in achieving transparency and easiness in planning process
- Efficient updation of thematic maps
- Offers scientific approach to facility planning
- Enables faster response and prompt corrective action to the changing ground realities
- Aids in disaster management



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