



Stesalit Systems is unique in combining Geospatial (GIS) Data Processing, Imaging and Software Development expertise with real-world IoT implementations enabling customers to optimize ROI.

Asset Mapping and Management

Asset Tracking

IoT Sensor based Integration

Cloud based Analytics

Integration with Business Processes



**Smart Cities**  
Technologies Enhancing Smart Cities



**Smart Utilities**  
Making your Assets Intelligent



**Smart Mobility**  
Intelligence in Transportation



**Smart Natural Resource**  
Building Sustainability with Technology



Geospatial • IoT • Analytics





## Consulting

- GIS Implementation Road Map
- GIS Technology Evaluation
- GIS Transformation Planning

- System Upgrade Consultancy
- Application/Data Migration Strategy
- Business System Integration Study

## Spatial Data Services

- Spatial Data Conversion
- Survey Data Integration
- 3D Modeling and Lidar Data Services
- PLS CAD Data Processing

- Satellite / Aerial Image Processing
- Digital Orthorectification
- Data Audits
- CAD to GIS Conversion

## Design Development and Implementation

- Customized GIS Data Model
- Custom Application Development

- Integration with Business Systems
- Deployment and User Training

## Spatial Analytical Services

- Address Geocoding Services

- Maps and Reports

## Operation and Maintenance Support

- Management Services
- Onsite Technical Resource Placement

- System and Product Maintenance

## GIS Expertise

**Pre-implementation:** Assessment, Visioning workshops, System Architecture Design

**Implementation:**

**Integration:** Stesalit has deep-rooted partnerships with market leaders like ESRI and SAP. Stesalit integrates clients' Enterprise Resource Planning (ERP), Customer Relationship Management (CRM), Supply Chain Management (SCM), and Business Intelligence (BI) applications with ESRI GIS. Stesalit's solutions are built using the latest technologies such as SOA and FLEX, and industry standard protocols like SOAP and XML. The company leverages its clients' existing integration platform for consistency and easier maintenance or for using native products from SAP, Microsoft, BEA, IBM and TIBCO.

### Gis Application Development

At Stesalit, GIS Application Development means tailoring a solution to meet its clients' needs

- ESRI, Microsoft, Oracle
- Custom Desktop GIS
- Client-Server
- Internet GIS

### Mobile Gis

- Integration with the Enterprise GIS
- Offline and Online vector data manipulation on the mobile interface

### Spatial Database Management

- Geodatabase Design, Migration,
- Analysis and Modelling
- Photogrammetry- Full service aerial image post processing and 3-D Modelling

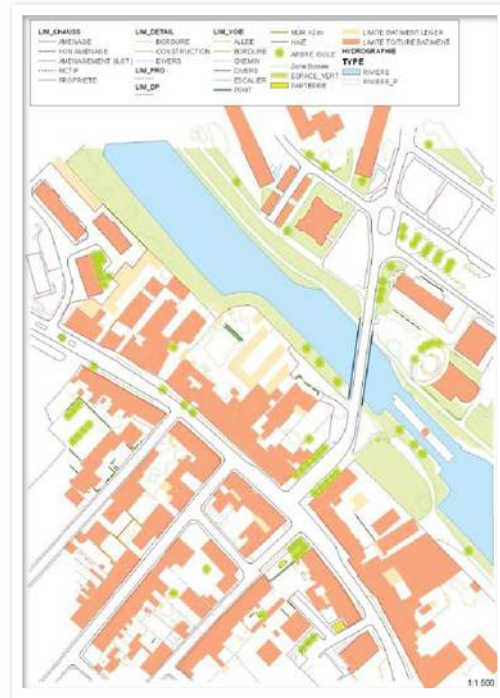
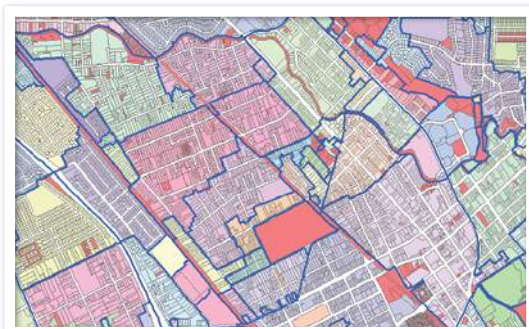
**Post-Implementation:** Support, Application maintenance





## Geospatial Technical Experience

- Planimetric Mapping for **Cicade, Belgium**
- Photogrammetry Post Processing for **Eurotronics, Belgium**
- Geo Referencing of Aerial Images for **GIS, Denmark**



## GIS Analysis

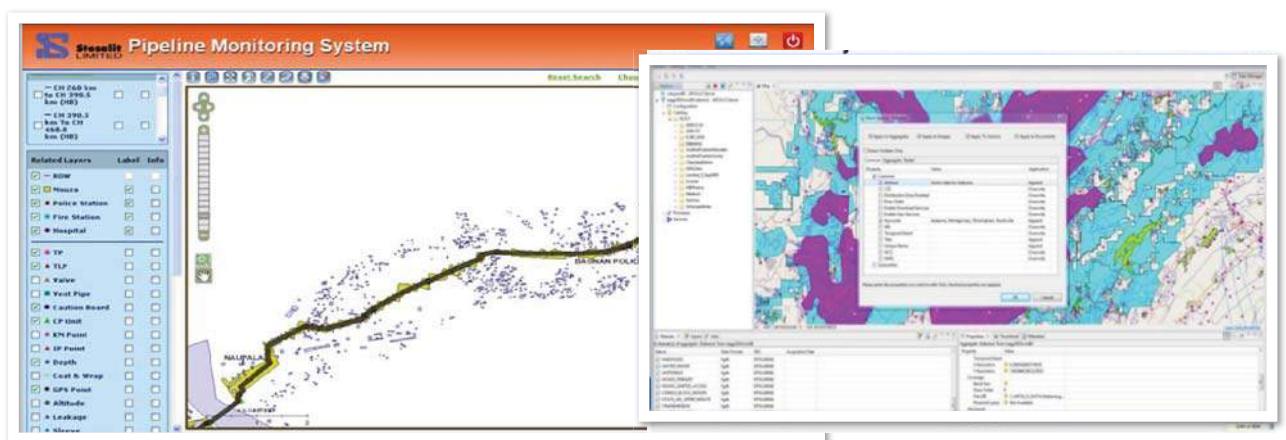
- Development of Software for Web enabled Management information System and Computerized Financial management and Accounting System for monitoring and evaluation for **Tamil Nadu Biodiversity, India**
- Development of GOMU (Going Map Updation) Application Software for **Defence Terrain Research Laboratory, India**
- Implementation of a complete Web based GIS Solution with existing MIS database Integration using Open Source Technologies for **Jabalpur Municipal Corporation, India**





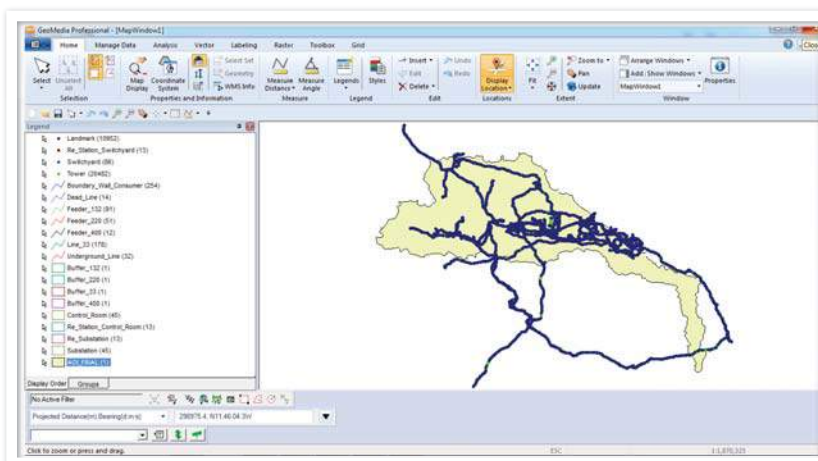
## Geospatial Data Management

- Hiring the services for Establishment of GIS based Pipeline Asset Management System under Civil Section, PHQ for **Oil India Limited, India**
- Validation of GGCL GIS Dataset From GGCL As-Built Drawings Of Gas Pipeline Network for **Gujarat Gas Company Limited (GGCL), India**
- Supply and Installation of Customized Web Enabled Spatial Data Search, Query and Dissemination Software for **MP Council of Science & Technology, India**
- Empanelment of Hiring of Agencies for Survey, Data Collection, Modeling and Related Activities of Chemical /Hazardous Industries for Ministry of Environment and Forests for **National Informatics Centre Services Incorporated (NICSI), India**
- Development of Geographic Information System of HMRB pipelines Right of way (ROW) for **Indian Oil Corporation Limited, India**
- Support Property Tax Improvement in Five Towns for **Urban Administration and Development Department of the Government of Madhya Pradesh, India**



## Spatial Database Administration

- Preparation, Supply, Installation & Commissioning of GIS map of 400 KV, 220 KV, 132 KV, and 33KV Transmission lines, Towers & its connected substations using modern GPS survey techniques for **Damodar Valley Corporation, India**
- Support Property Tax Improvement in Five Towns for **Urban Administration and Development Department of the Government of Madhya Pradesh, India**







## Geospatial Web Application Development

- UK Map Ordering & Transaction Portal for **Centremaps, UK** ([www.centremapslive.com](http://www.centremapslive.com))

Creating a simple and accessible opensource map ordering solution with all GIS functionalities required to search the desired map/image and complex e-business functionalities required to process the order and send the data to the customer



- WEBGIS based Insurance Risk Management Software for **Localligence, USA**

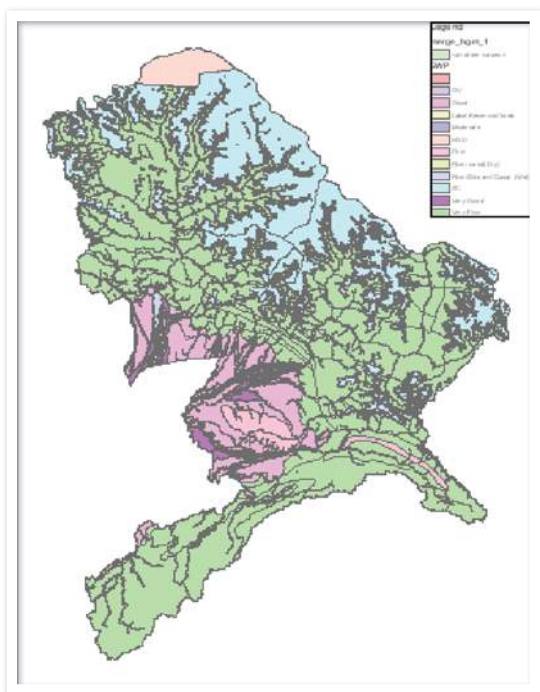
A sophisticated catastrophe exposure management system that allows insurers to manage their exposure to risk with greater precision and evaluate how new risks will impact existing portfolios. The Reinsurance Product Suite developed by Stesalit offers three applications that utilize a common platform to provide customized solutions for each



- Coding, testing and documentation for Image Exploitation Software and Test Software for **Aeronautical Development Establishment, Govt of India**
- Design, Development, implementation and training of customized open source GIS application under National e-Governance Plan for state of Assam for **Assam Electronics Development Corporation Limited, (A Government of Assam Undertaking), India**

## Cartography

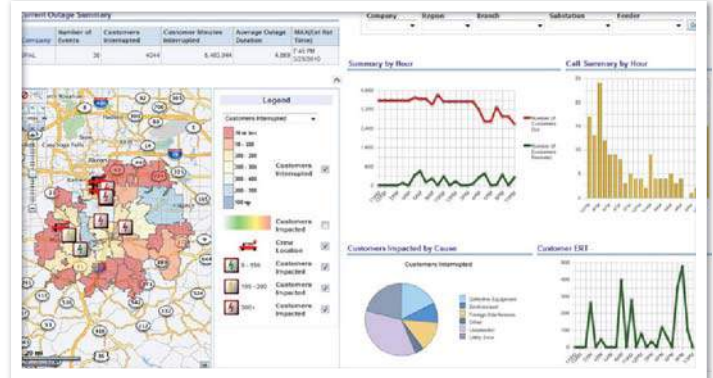
- Preparation of Parcel & Precint Map for Counties of Solano at 1:1000 Scale for **Barclay, U.S.A**
- Ortho Rectification for **Geomatica, Italy**
- PhotoGrammetry Post Processing for **Terrasaurus, Canada**





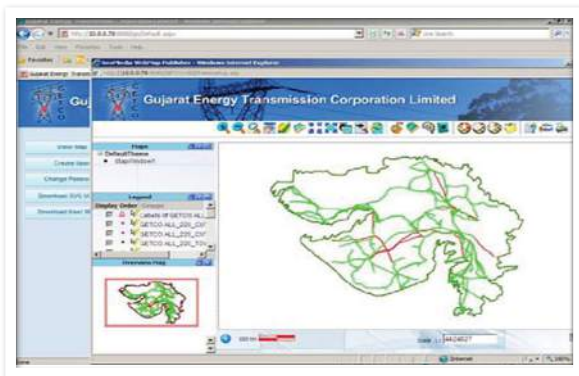
## Graphic Design / GUI Design

- Preparation of Parcel & Precinct Map for Barkley County for **Weston Solution, U.S.A.**
- Selection of System Integrator for Design, Development, Maintenance & Operation of Web Based Application Software for **Jharkhand Academic Council, Govt. of Jharkhand, India**



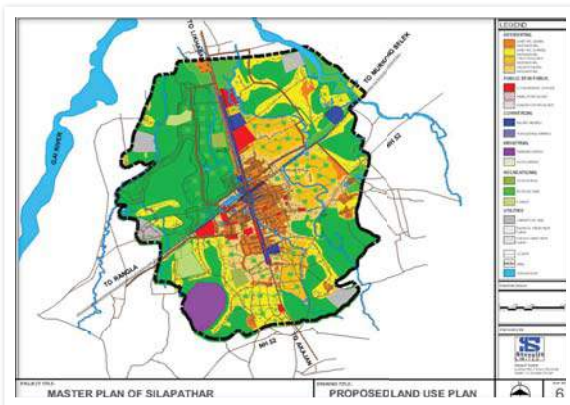
## Geospatial Training Development / Instruction

- Asset Management and Geo-database Creation of 400 KV, 220 KV, 132 KV & 66 KV Transmission lines for **Gujarat Energy Transmission Corporation Ltd.**
- Comprehensive GIS Application Development for **Ahmednagar Municipal Corporation, India**
- SI for Deployment, Configuration, Maintenance And Updation Of Micro-ATMS Deployed Under India Post AEPS for **Jharkhand Academic Council, Govt. of Jharkhand, India**



## Project Management & Reporting

- Selection of System Integrator for Design, Development, Maintenance & Operation of Web Based Application Software for **Jharkhand Academic Council, Govt. of Jharkhand, India**
- Preparation of CDP & Master plan for Silapathar Town for **Silapathar Town Committee, India**
- Selection of System Integrator and Turnkey Solution and Service Provider for City Bus Intelligent Transport System (CBITS) for **State Urban Development Agency, Chattisgarh, India**





## Help Desk Support

- Web Based e-governance software system for Grievance Management throughout the state of Jharkhand for 24 districts and up to block level for departments of Home, Health and Disaster Management integrated with GIS and Call Centre for **Jharkhand, IT Dept, Govt. of Jharkhand, India**
- Customized GAGAN enabled GPS PDAs for GIS application to PCCF, Odisha for **Dept of Forestry, Govt. of Orissa, India**

| Case ID | Log Date               | Station          | Police Station  | Incident             | Incident Details                                                                                                                                                                       | Location                          | Caller Name                   | Contact No.    | Status |
|---------|------------------------|------------------|-----------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-------------------------------|----------------|--------|
| 000342  | 03-04-2013<br>15:10:50 | BOHARD           | Chai PS         | Fire                 | Caller reported an incident of fire near (H) More, Chai, Bokaro.                                                                                                                       | (H) More                          | Mr. Ram<br>manish<br>Ran      | 825268<br>2217 |        |
| 000340  | 02-04-2013<br>19:31:02 | SABHAJELA        | Raj Nagar<br>PS | Fire                 | Caller reported incident of Crop Fire, At<br>Vill. Dumarapah, Saran.                                                                                                                   | Not Given                         | Mr. Raj<br>y Kumar<br>et      | 943630<br>9501 |        |
| 000339  | 02-04-2013<br>19:29:31 | DEOGHAR          | Chitra PS       | Assault              | Caller reported incident of physical<br>assault. Accused name Subal Chandra<br>Bar. At Vill. Rajpur, Saran, Jharkhand,<br>near Durgamunda Mandir, Deoghar.                             | Near Durgamunda<br>Mandir         | Mr. Vip<br>ul Kumar<br>et Raj | 776383<br>4776 |        |
| 000338  | 02-04-2013<br>19:27:39 | BAHAR            | Dumra PS        | Disturbance          | Caller reported incident of<br>Disturbance People getting Disturbance<br>by being near an Hooch Chowk.                                                                                 | Hooch Chowk<br>near part<br>Bani  | Mr. Sin<br>tu Kar<br>manish   | 988119<br>5310 |        |
| 000337  | 02-04-2013<br>19:29:25 | BOHARD           | Sector-IV<br>PS | Fire                 | Caller (Ramesh Ram) Reported an<br>incident of fire in house at Street 11, Q<br>No. 2033, Sector-IV, Bokaro.                                                                           | Not Given                         | Mr. Ra<br>manish<br>Ran       | 825268<br>2217 |        |
| 000336  | 02-04-2013<br>19:23:14 | HADIMBAGH        | Mufli PS        | Sexual<br>Harassment | Caller reported about incident of Sexual<br>harassment over phone since last 2-3<br>weeks. Last call at 11:15 pm on<br>28/03/2013. Accused mobile number:<br>8271274103 and 9882522197 | Not Given                         | Mr. Sh<br>abhi                | 827123<br>6882 |        |
| 000341  | 02-04-2013<br>18:40:52 | WEST<br>SINGBHUJ | Jharpur<br>PS   | Fire                 | Caller reported an incident of fire at<br>Jharpur Engineering College.                                                                                                                 | Jharpur<br>Engineering<br>College | Mr. Di<br>nanish<br>Kumar     | 987719<br>9254 |        |
| 000335  | 02-04-2013<br>15:50:06 | BOHARD           | Sector-IV<br>PS | Fire                 | Caller reported an incident of fire at a<br>Household, No. 3054 Sector 12B, Bokaro.                                                                                                    | Not Given                         | Mr. Ra<br>manish<br>Ran       | 825268<br>2217 |        |

## Mobile Application Development

- Public works Asset Management, **UTILISYNC, USA**
- Road Network Asset Management, **Abudhabi Municipality, UAE**
- Meter Data Management System and Outage Management System, **TATA Power, India**
- Customized GAGAN enabled GPS PDAs for GIS application to PCCF, Odisha for **Dept of Forestry, Govt. of Orissa, India**

**Activities Feedback**

Modem Communicating **Select**

Enter Reason/Remarks **Select**

ELCB Present at Site **Yes**

Enter Reason/Remarks **NO**

Mtr Test Report Given to Cons. **Select**

Enter Reason/Remarks

GIS ID Available **Select**

**Select**

Phone Number Captured **Select**

**Order No: 212780508**

Field Details1

Field Details2

Seat Details

Activities Feedback

Data Saved Successfully !!





### 3D Modeling of Pipeline data



Data Organisation with all features of Data Analysis, Manipulation, Integration and Updating Data in the GIS System for monitoring and control





## Select Clientele

### Geospatial



India Meteorological Department



Odisha Remote Sensing Applications Centre



North Eastern Space Applications Centre



Assam Electronics Development Corporation Limited



Survey of India



Indian Space Research Organization



Solgeria Company Limited



Central Mine Planning & Design Institute Limited



Central Mining Research Institute



Maharashtra Remote Sensing Application Centre



National Remote Sensing Centre

### Defense



Aeronautical Development Establishment (ADE)



Defence Research and Development Organization



Defence Terrain Research Laboratory

Galileo Group Award for 2017  
by the European Union Space Agency



**Stesalit Systems Ltd.**

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