GEOSPATIAL TECHNOLOGY SOLUTIONS
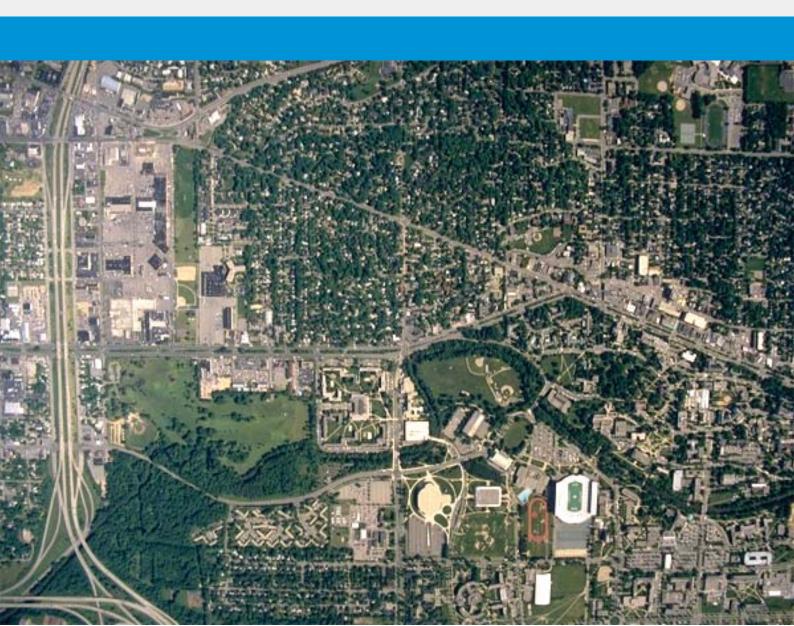
GEOSPATIAL TECHNOLOGY SOLUTIONS

Stesalit adds spatial information as a dimension to your decision making process helping in improved business processes. Stesalit utilizes its combined experience of over 100 years to deliver cost effective data management, smooth workflow and operational excellence.

OVERVIEW

Globally, Stesalit provides end to end spatial solutions to customers by providing platform independent, fully integrated business solution. Our experience with packaged GIS technologies and open standards enables us to provide state-of-the-art solutions for business needs

WHY STESALIT

Stesalit leverages its domain expertise and internationally recognized quality processes **SEI-CMMi Level 3** and **ISO 9001-2008 and ISO 27001 : 2005** to provide superior quality solutions in the GIS space.

OUR STRENGTH

Experience in global implementation of geospatial solutions, with rich domain experience of diverse industry verticals such as Utilities (Water & waste water, Power, Oil & Gas), Telecommunication, Defense and Internal Security, Natural Resources & Environmental Management, Local Administrative & Urban Planning Development, Land Information System, Transportation and Healthcare. Stesalit has enormous experience in executing various types of GIS projects viz. data conversion projects, data migration projects, consulting, system implementation, system integration with a variety of enterprise technology platforms.

Strategic alliances with geospatial technology majors such as ESRI, SpaceImaging, Imajnet, Oracle Spatial, BAE Systems, Intergraph, HP, Dell, Gallium, Neo, Solute to build best in class solutions customized and developed for customer specific requirements.

Operational excellence approach to ensure customer satisfaction. With metrics involving measures of performance such as project delivered on time, on budget, with no defects (first time right), customer satisfaction is measured

Focus on innovation with solutions accelerators, innovation labs and new methodologies.

India based multi-locational delivery center across multiple states, leverage the skills of the professionals, dedicated infrastructure, and engineering management capabilities for delivering solutions across all stages of product development. Along with apt inputs, they bring in economies of scale over shorter periods, facilitate standardization of processes using quality methodologies and hence help in reducing Total Cost of Ownership (TCO).

SERVICES

STESALIT GEOSYSTEMS BUSINESS UNIT

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

VERTICALS

- Agriculture
- Transport
- Urban Development / 3D Modelling

- Health
- Defense
- Environment

- IT & E-Governance
- Power & Utility
- Municipal IT & Solution

- GIS & Web Application Development
- GIS & Remote Sensing
- Forestry / Sustainable Development
- Water & Waste Management

- Flooding / Coastal Monitoring
- Mountain / Cliff Mapping
- Scientific Research / Archeology

- Power line - Line Mapping
- High Accuracy Topography
- National Coverage / Land Mapping

SOLUTIONS

National Center for Integrated Pest Management (NCIPM)	WebGIS based Pest mapping with Real Time Data updation using handheld PDA developed by Stesalit
Directorate of Plant Protection, quarantine & Storage, Faridabad	Supply of GPS enabled pest monitoring data loggers for CIPMCs of the Directorate of PPQS, Faridabad
Directorate of Agriculture & Food Production	Supply of GPS enabled pest monitoring data loggers
Bidhan Chandra KrishiVishwavidalaya (BCKV)	Supply and maintenance of GPS based data logger and web based software for e-monitoring of agricultural statistics, pest and disease
West Bengal, Dept. of Agriculture	Supply / Procurement of Data loggers (GPMDS)
Aeronautical Development Establishment (ADE)	Coding, Testing and documentation for Image Exploitation software and test software
Defence Terrain Research Laboratory (DTRL)	Development of Image Processing software for Military Going Map Updation (GOMU)
Defence Terrain Research Laboratory (DTRL)	Geo-spatial Database Creation
India Meteorological Dept. (IMD)	Procurement of Software for Isohyetal Analysis & Estimation of Areal Rainfall over river basins with GIS Base
Indian Institute of Technology, Guwahati	Topographical Survey near Games Village Area of Guwahati & Production of Map
Orissa Remote Sensing Application Centre	Empanelment of firms remote sensing, GIS, Web enabled GIS & software
Orissa Remote Sensing Application Centre	DEM editing & Ortho image generation using WV –II stereo digital data for four district of Orissa under NLRMP project.
Orissa Remote Sensing Application Centre	DEM editing & Ortho product generation from the controlled & quality checked photogrammetric block of Maharashtra State.
North Eastern Space Application Centre (NESAC)	Land use/ Land cover mapping in Meghalaya
North Eastern Space Application Centre (NESAC)	Groundwater prospect mapping
North Eastern Space Application Centre (NESAC)	Preparation of LULC maps at 1:10k scale at level III for 1775.90 sq km in South Garo Hills districts of Meghalaya
North Eastern Space Application Centre (NESAC)	Preparation of LULC maps at 1:10k scale at level III hills for 3351 sq km of Arunachal Pradesh.
Arunachal State Remote Sensing Application Centre	Prepare ground water prospect maps on 1: 50,000 scale covered by approx 45 toposheets
M.N Dastur	Preparation of Thematic Maps of land use pattern, digitization of geological plan & Web GIS
Hindustan Lever	Preparation of Village Maps with census data attachment for Bihar, Orissa, Jharkhand and NE States
Central Mining Research Institute	Generation of Landuse map for EIA
West Bengal Health & Family Welfare Dept.(NRHM)	Comprehensive web-based MIS solution for collection of information received from different health facilities through form-based mobile application
West Bengal Health & Family Welfare Dept.(NRHM)	GPS/GIS-based solution for mobile health camps for tracking service delivery in remote areas and web-based application for comprehensive MIS
Beharampore Municipality	GIS based e-Governance Solution
Naihati Municipality	GIS based e-Governance Solution
Kachrapara Municipality	GIS based e-Governance Solution
Jharkhand IT Dept.	Grievance management System
Ghaziabad Development Authority	Auto Detection of Constructions through Satellite Imageries
Bilaspur Municipal Corporation	Installation, commissioning & Maintenance of Global Positioning (Tracking) System on Vehicles
West Bengal Surface Transport Corporation (WBSTC)	Vehicle Tracking System & Passenger Information System
Raipur Nagar Nigam Transport Ltd.	Implementation of Vehicle Tracking System & Passenger Information System for RNNTL buses
Raipur Nagar Nigam Transport Ltd.	Fixing and Monitoring of GPS system for Vehicles
Chennai Metropolitan Water Supply and Sewerage Board	Providing and maintaining Global Positioning System (GPS) for monitoring the movement of Water Tanker Lorries for efficient monitoring and management of water supply systems
Mangalore City Corporation	Offsite Real time Monitoring System (OSRT) Vehicle Tracking system and SMS based public grievance Re-addresal System towards monitoring Mangalore City Corporations Municipal Solid Waste Management

SOLUTIONS

ACROSS PRIVATE & PUBLIC

Mangalore Electricity Supply Company (MESCOM)	Asset Management and Geo-database Creation of proposed 33/11 KV substations, 33 KV lines along with updation of data
Gujarat Energy Transmission Corporation Ltd. (GETCO)	Asset Management and Geo-database Creation of 400 KV & 220 KV Transmission lines
Gujarat Energy Transmission Corporation Ltd. (GETCO)	Asset Management and Geo-database Creation of 132 KV Transmission lines
Gujarat Energy Transmission Corporation Ltd. (GETCO)	Asset Management and Geo-database Creation of 66 KV Transmission lines
Power and Electricity Department of State of Mizoram	GIS Mapping of Electrical assets Under RGGVY Schemes for Mizoram
Rural Electrification Corporation (REC)	Empanelled for Application Software Consultant for Power Utilities

RECPDCL	Asset Management of Electrical Utilities in 5 districts of Uttar Pradesh
Rural Electrification Corporation (REC)	GPS Survey work for 2 feeders in Gwalior (LT & HT Lines)
Rural Electrification Corporation (REC)	Carrying out GPS Survey of dhanies under Jaipur, Dhaulpur, Bharatpur, Alwar, Sikhar, Madhopur& Bikaner districts of Rajasthan
Arunachal Remote Sensing Agency	GPS Survey of Entire Power Network & Supply and Installation of GIS Software
Siemens	GIS Based Electrical Asset Mapping for Andhra Pradesh (APSDCL)
Bhabha Atomic Research Center (BARC)	Major OEM for High Current Power Supplies
Bharat Heavy Electrical Limited (BHEL)	Design, Manufacture, Supply and Erection of Transformers and Electrical equipment
Madhya Gujarat Vij Company Limited (MGVCL)	Updation of GIS Consumer Indexing and asset mapping by GPS Survey
Indian Oil Corporation Ltd (IOCL)	Pipeline Information Management System

Singareni Collieries Company Limited	GPS Survey and Mapping of land use of the Mining lands owned by the Singareni Collieries Company Limited
Assam Electronics Development Corporation Limited (AMTRON)	Development of Opensource DeskGIS & WebGIS (www.amtron.in)
Survey of India	Image (Toposheets & Aerial Photographs) Transaction Registry
SIPMIU, Tripura	Supply, Installation, Testing & Commissioning of Bulk Flow Water Meters
Govt of Orissa SC & ST Development Department	Development of Web based software solution for monitoring learning achievement/academic progress for SSD department managed schools.
Tamil Nadu Biodiversity Conservation and greening Project.	Development of Software for Web enabled Management information System and
Kolkata Municipal Corporation	Computerized Financial management and Accounting System for monitoring and evaluation
Madhya Pradesh Council of Science & Technology	Development of Application software for MP- LADS & BEUP and Maintenance Services for a period of 15 months. Installation & Supply of Customized Web enabled spatial data search Query & Dissemination software.

Agartala Municipal Council (AMC)	GIS based Property Tax System for Agartala Municipal Council
Ahmed Nagar Municipal Corporation	Integrated web-based municipal GIS system
Korba Municipal Corporation	Preparation of Detailed Project Report (DPR) for Slum under RAJIV AWAS YOJANA
Korba Municipal Corporation	Preparation of Slum Free City Plan of Action (SFCPoA) for all Slums in KORBA city under RAJIV AWAS YOJANA
Korba Municipal Corporation	Preparation of Micro planning activities for all Slums in KORBA city under RAJIV AWAS YOJANA
Raipur Municipal Corporation	Preparation of Slum Free City Plan of Action (SFCPoA) for all Slums in Raipur city under RAJIV AWAS YOJANA
State Urban Development Agency, Raipur, Chhattisgarh	Consultancy services for preparation of City sanitation plans for five cities (KORBA, BILASPUR, DURG, BHILAI and RAJNANDGAON) of Chhattisgarh state.
Silapathar Town Committee	Preparation of Master Plan for Silapathar town
Silapathar Town Committee	Preparation of City Development Plan for Silapathar town
Sikkim Urban Development & Housing Department	Preparation of Slum Free City Plan of Action (SFCPoA) for all Slums in Shingtham, Jorthang, Namchi and Rangpo city under RAJIV AWAS YOJANA
Punjab Municipal Infrastructure Development	Preparation of Slum Free City Plan of Action (SFCPoA) for all Slums in Patiala, Batala, Bhatinda and Jalalabad city under RAJIV AWAS YOJANA
Corporation	Preparation of Slum Free City Plan of Action (SFCPoA) for all Slums in Hisar city under RAJIV AWAS YOJANA
Hisar Municipal Corporation	Preparation of Slum Free City Plan of Action (SFCPoA) for all Slums in Murshidabad city under RAJIV AWAS YOJANA

PARTIAL GLOBAL CUSTOMER LIST

GLOBAL FOOTPRINT

Centermaps , United Kingdom

WebGIS Based Map Transaction using e Commerce

Cicade, Belgium

Planimetric Mapping

Geomatica , Italy

Ortho Rectification

Localligence, U.S.A.

WEBGIS based Insurance Risk Management Software

Barcley, U.S.A.

Preparation of Parcel &Precint Map for Counties of Solano at 1:1000 Scale

Lynx Information Systems, U.K.

Seismic Data Interpretation

One Map, U.S.A.

Preparation of Parcel &Precint Map for Counties of Texas at 1:1000 Scale

Industrial Design Innovation ,U.S.A.

Engineering CAD & Modeling

Kelso Architects Inc.

Engineering CAD & Modeling

TechUnityInc, U.S.A.

Development of Application Software for Agricultural Management System using .Net Platform

Weston Solutions, U.S.A.

Preparation of Parcel &Precint Map for Barkley County at 1:1000 Scale

Map And Globe, U.S.A.

Preparation of Road Atlas Map for All Counties of Florida State

CGIS, Government of QATAR

National Map Archival System (NMAP)

HEYCO Engineering, U.S.A.

Engineering CAD & Modeling

GEOIN, Italy
Image Processing Software for Automatic generation of Best Seamline generation on Multiple Overlapped TIFF Aerial Photographs

Eurotronics, Belgium

PhotoGrammetry Post Processing

IGIS, Denmark

Geo Referencing of Aerial Images

Geo Global, Portugal

Photogrammetry Post Processing

GCPI, U.S.A.

Bio Species Mapping

Groundtruth Mapping Systems, Australia

Map Server Data Preparation

NEO Geomatics& Earth Observation Netherland
Change Signaling Using Aerial Photographs

Sewall ,U.S.A.

Preparation of Parcel &Precint Map for Barkley County at 1:1000 Scale

Gartrell Group

GIS Portal for Environmental Protection Agency of USA

East View Cartography, U.S.A.

Development of Geo-Portal

Terrasaurus, Canada

Photogrammetry Post Processing

HEYCO

BARCLAY MAPS

CENTREMAPS
National maps for business, education and leisure

geoglobal
Geo-information solutions

Terrasaurus
AERIAL PHOTOGRAPHY

EUROTRONICS
integration of advanced technology

east
VIEW
geospatial

CADWORLD

LYNX
Information Systems
Innovation for Exploration

INTERMAP
TECHNOLOGIES

G

NEO
For earth observation

Localligence
LOCATION INTELLIGENCE

TechUnity
Consulting and Development

Ideal Solutions

Groundtruth

SEWALL
JAMES W. SEWALL COMPANY / Since 1880

onemap

Geoin

WESTON
SOLUTIONS
an employee-owned company

CICADE
S.A.
www.cicade.com

I•GIS

K E L S O   A R C H I T E C T S

PARTIAL INDIAN CUSTOMER LIST

Ahmednagar Municipal Corporation

Bharat Heavy Electricals Ltd.

NCIPM

Orissa Remote Sensing Application Centre

Singareni Collieries Company Ltd

Central Mining Research Institute

Directorate of Agriculture & Food Production, Tripura

Survey of India

Indian Institute of Technology Guwahati

Directorate of Plant Protection, Quarantine & Storage
Ministry of Agriculture
Department of Agriculture Cooperation,
Government of India

Bidhan Chandra Krishi Viswavidyalaya

Indian Oil Corporation Ltd

Mangalore City Corporation

Assam Electronics Development Corporation LTD

Hindustan Lever Ltd.

Nagaland Power Dept.

India Meteorological Department (IMD)

Madhya Gujarat Vij Company Limited

Power and Electricity Department of State of Mizoram

Indian School of Mines Dhanbad

Raipur Nagar Nigam Transport Limited

Department of Agriculture Government of West Bengal

Bilaspur Municipal Corporation

Mangalore City Corporation

REC Rural Electrification Corporation

Mangalore Electricity Supply Company (MESCOM)

CHENNAI METRO WATER

Bhava Atomic Research Center (BARC)

Arunachal State Remote Sensing Application Centre

Gujarat Energy Transmission Corporation Limited

STRATEGIC ALLIANCES & PARTNERS

www.stesalit-inc.com
Salt Lake, Sector V, INDIA
info@stesalit-inc.com