

GeoInsights - A GIS based Supply Chain Solution Suite

Partner Solution Showcase



Solution Summary

L&T InfoTech's "GeoInsights" is a GIS based supply chain visibility solution that provides geographical visualization, spatial pattern & trends of the business data with respect to locations on the map through spatial analysis & search. GeoInsights provides additional insights into spatial patterns that can be analyzed along with business data; enable faster & accurate decisions to enhance optimization of supply chain execution. It also allows users to query various aspects of the problem by simply pointing at the warehouse, distribution centre, retail outlet, delivery locations.

Solution Description

L&T InfoTech's GeoInsights solution facilitates the visualization of supply chain processes on geo-enabled platform with GIS dashboards, reports and mapping analysis. GeoInsights will drive increasing efficiencies into supply chain management and helps you to support operational improvements that will lead to faster and reliable insights on supply chain processes. Below are the key business benefits of the solution:

- Provides advanced map visualizations, highlight concentrations and enables interactive analyses
- Empowers decision makers, providing a geo-enabled platform intuitive enough for everyday use
- Provides supply chain process insights at a summary level yet is also flexible to allow a deep dive into specific policies
- Visualize geographical positions of warehouses, shipment distribution patterns, non-optimal shipments and analysis on sub-optimal shipments
- Real time update on inventory levels of the warehouses and system alert on inventory levels of warehouses which is gone below threshold level
- Analysis on increasing / decreasing sales trend and comparison with current sales trend
- System alert on risks and impact analysis shipment due to the risks
- Built using SOA pattern, allows integration with external legacy system, existing supply chain systems
- Workflow based configurable, component based solution and also allows you to add customized maps and layers

"The Application is built using Esri ArcGIS for Server and its web APIs technology. SOA based architecture is used to connect business systems and database."

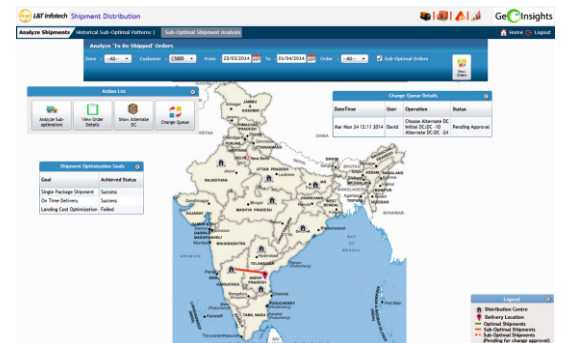
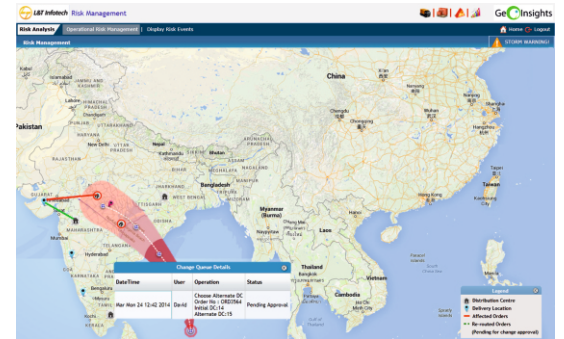
Key Features

GeoInsights is a GIS based Supply Chain Solution Suite product accessible over internet to the users, targeting the Supply Chain Management domain to effectively manage the supply chain process. GeoInsights application focuses on below four supply chain processes:

- Shipment Distribution – To display the sub optimal shipment distribution patterns and the sub optimal shipment analysis.
- Stock Replenishment – To display the stock level in an Inventory
- Risk Management – To display the different types of risks occurred
- Sales & Marketing – To display the sales pattern and sales trend

About the Partner

Larsen & Toubro Infotech (L&T Infotech), one of the fastest growing IT Services companies, is a part of USD 14 billion L&T Group, India's 'Best Managed Company' with presence in engineering, manufacturing and financial services. We are ranked by NASSCOM as 8th largest Indian software & services exporter from India and ranked 7th in a recent DATAQUEST-IDC top 20 IT Best Employers Survey. We have been providing Infrastructure Support, Application Development, Maintenance and Support Services to many Fortune 100 companies. L&T InfoTech has significant depth and experience in the area of GIS consultancy, solution and support. L&T InfoTech has a dedicated GIS practice with over 50+ highly experienced consultants. We have very strong knowledge and experience in integration of GIS with ERP and legacy systems. We are Esri silver partner and member of Esri developer network.



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