SPECTRA

SPECTRA, the AI-driven Analytics platform from Relevance Lab, brings together data from multiple sources. It can process data from structured data from different ERP Systems based on pre-existing adapters and unstructured data from PDFs, Emails, engineering drawings, and commercial labels and create a unified view and access point for exploration, visualization, and analysis.

Every organization has invested in a combination of tools, technologies, and solutions to create their Data platforms. However, most of these platforms are built with legacy technologies or fragmented components. When companies try to leverage the new technologies of Big Data, Cloud Architectures, and Artificial Intelligence to achieve more meaningful Analytics, a pre-built Platform like SPECTRA can save tremendous efforts, costs, and time to provide a scalable and flexible alternative.

With built-in visualization layer and data integrators, SPECTRA enables faster value realization and demonstration in line with the Agile philosophy.
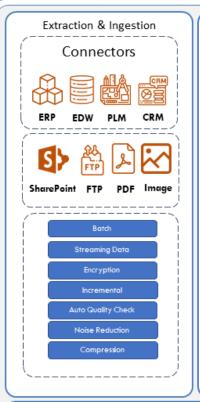
Our customers can tap into multiple features of SPECTRA to derive tremendous value across their Commercial Planning, Sourcing, R&D, and Clinical Operations functions. Irrespective of the type of supply chain like commercial or clinical, SPECTRA helps you manage and plan your inventory levels, orders, shipments, forecast, and balance demand and supply.
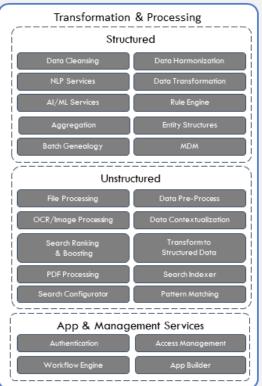
SPECTRA helps you evaluate and fine-tune your supply chain performance using predefined KPIs and enables the faster realization of your strategic business objectives:
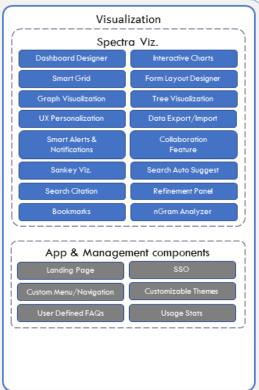
- *Minimizing your stock-outs risks without compromising on your bottom line*
- *Bringing in more predictability in shipments*
- *Reduce your purchase price variance across suppliers*
- *Identify up-sell and cross-sell opportunities for your product range*

While doing this with Google-like search capabilities coupled with OCR engine, SPECTRA can also help to extract meaningful data from PDFs, engineering drawings and catalogs and manage labels to enable faster insights from your research and development, ensure faster go-to-market for your products or manage strict regulatory norms of the pharma world.

Spectra Platform Components

Industry & *Use Cases*

SPECTRA currently caters to the needs of the life sciences and consumer industry, which includes, R&D, Clinical Trials, Healthcare Regulations, Supply Chain, Commercial, Payer/ Provider, etc. The following figure will provide a detailed overview of our value-driven approach to Analytics demonstrated using various use cases across the life sciences industry

Global Batch Traceability Solution:
Built the forward and backward genealogy for raw, semi-finished and finished goods and saved millions in reverse logistics in addition to *improving compliance and quality,* for a global pharmaceutical manufacturer.

Purchase Price Variance Solution:
Helped a global pharmaceutical major in measuring global procurement contract compliance by auto-linking ERP systems and finding leakage drivers to *deliver savings of $5 million annually.*

Medicine Waste Reduction Solution:
Helped *reduce total product wastage by 10%, resulting in $30 million savings per annum,* for a pharmaceutical major.

Unstructured Data Analytics Solution:
Identified thousands of duplicates that helped to *save several man-hours and optimized inventory leading to millions of dollars in savings* for a large pharmaceutical manufacturer.

Asset Utilization Improvement Solution:
Helped a surgical instruments manufacturer optimize instrument utilization by creating an inventory view to provide better visibility and work on a Root Cause Analysis for *better utilization which helped the client reduce costs by 50%.*

Supply Chain Visibility Solution:
Mapped the end-to-end material flow with Google-like search capabilities to *reduce the time and cost of ERP implementation by 20%+ and eliminated non-value-added exceptions.* Our solution helped the pharma major easily identify under-served customers and increase revenues.

Inventory Management Solution:
Helped an MNC manufacturer *reduce their inventories in the Asian geo by 10% while improving their SLAs in 8 weeks.*

About Relevance Lab

Relevance Lab is a specialized IT services company with re-usable technology assets in the DevOps, Cloud, Automation, Digital, Service Delivery and Agile Analytics domains. It helps global organizations achieve frictionless business by transforming their Infrastructure, Applications and Data to provide business scale, operational efficiency and deliver superior customer experience.

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