VIZEN ANALYTICS

Probabilistic Forecasting

Probabilistic forecasting summarizes the predictive distribution of potential future outcomes based on applied machine learning and statistical analytics.

Example of a probability distribution curve for lead-time fulfillment by weekly time interval

Cost Savings Potential

An X % improvement in lead-time accuracy generates an equal reduction in excess safety stock

Proof of Value

Vizen offers a 30-day no cost Proof of Value forecast comparison

About Vizen Analytics

- Launched in January 2021
- Multiple enterprise clients
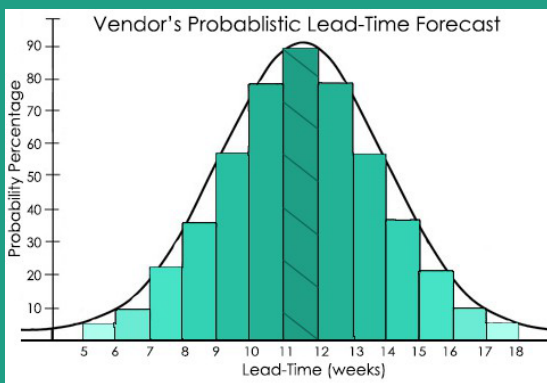- Best Start-ups - Activant Capital
- Rising stars - Start-up magazine

Lead-Time Forecast SaaS

Global market volatility continues to disrupt the timeliness of supplier deliveries. Thus, impacting fast moving consumer goods **manufacturers and distributors** who are affected by longer than expected lead-times. This has increased inventory costs, reduced product margins, and stifled customer satisfaction levels. In fact, lead-time uncertainty is a key factor that elevates safety stock quantities as a **hedge against future shortages**. In response to this on-going challenge, Vizen offers an automated, probability-based machine learning tool that identifies root cause factors hindering consistent source planning and procurement order fulfillment.
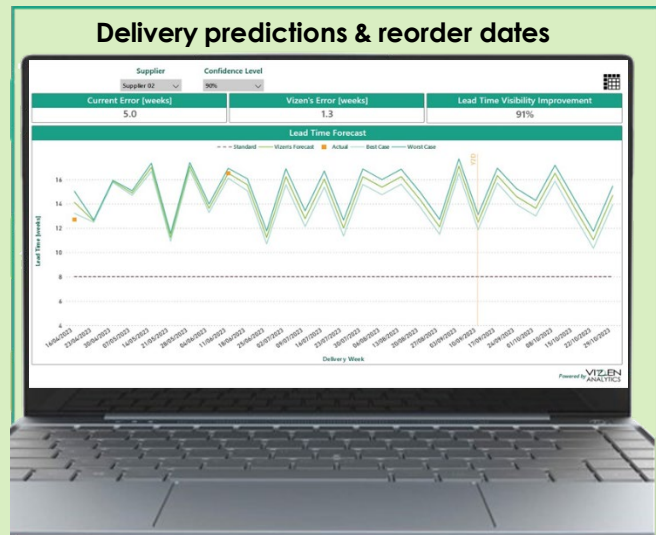
Vizen offers a subscription based online SaaS solution that analyzes your historical lead time data patterns and applies tailored **causal-market intelligence** to your forecast including known vendor shortages, production delays and freight transit disruptions. We continuously update each vendor's projected lead-time intervals on a weekly basis. Thus, informing procurement of the best date to restock supply, **ensuring long term reliability** that optimizes future buffer safety stock consistently over time.

Actionable Software

Supplier	Confidence Level								
Supplier 02	90%								
Target Date	**Supplier**	**Origin**	**Facility**	**Destination**	**Standard Lead Time**	**Vizen's Forecast**	**Confidence Level**	**Best Case**	**Worst Case**
16/04/2023	Supplier 02	Japan	Facility 02	Texas, US	8.00	14.11	90%	13.21	15.02
23/04/2023	Supplier 02	Japan	Facility 02	Texas, US	8.00	12.58	90%	12.49	12.67
30/04/2023	Supplier 02	Japan	Facility 02	Texas, US	8.00	15.84	90%	15.75	15.93
07/05/2023	Supplier 02	Japan	Facility 02	Texas, US	8.00	14.88	90%	14.69	15.07

Based on order size, weight and date order accepted

Team & Industry

Greg Foster
Founder & CEO
- 25+ years supply chain leadership
- Industrial / automotive / construction

Global Data Science Team

Francesco Lolli

M.A Bruno   Ph.D. Michael   Ph.D. Elia