

fruiSCE® Supply Chain Demand Planner

- World class supply chain operations
- Best fit forecast based on more than 5 advanced methods
- Artificial Intelligence/Machine Learning empowered model

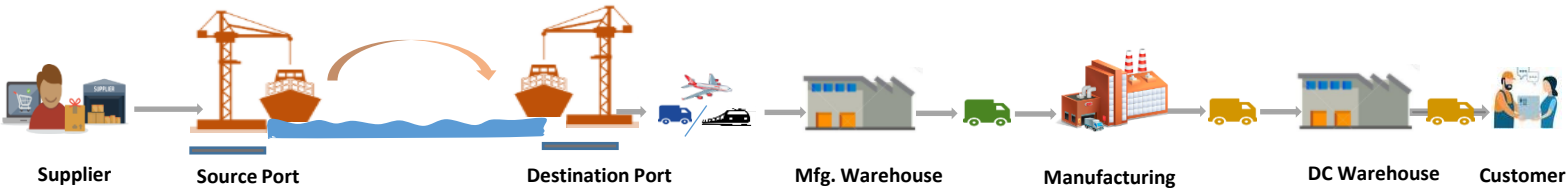


fruiSCE

Supply Chain Planning....

fruiSCE® SCP Demand Planner is a comprehensive demand planning solution which gives best fit forecasting logic to the planners through robust integration of all kinds of data sources which include ERP, other supply chain solution suites. Supply chain leaders perform forecasting based on three reasons viz a viz., increasing or decreasing trends, seasonality, and data set size. The components of time-series are as complex and sophisticated as the data itself. With increasing time, the data obtained increases and it doesn't always mean that more data means more information but, larger sample avoids the error that arises due to random sampling. The Engine for forecasting is powered by AI/ML capabilities.

Supply Chain Flow



Supply Chain Demand Planner

- Key Benefits**
- Reduce time to capture historical data and consolidation from multiple data sources
 - Facility to adjust and modify data flexible user interface
 - Reduce forecasting & demand planning cycle time by 100%
 - Support of best in practice forecasting techniques through variety of choice.
 - Traceability of data for forecasting and demand planning
 - Seamless integration with ERP and supply chain execution systems

fruiSCE® Supply Chain Planning – Demand Planner

Best Fit Forecasting Method	New Product Introduction
Robust Forecast Engine	Supply Chain Analytics
Flexible Buckets	Artificial Intelligence

fruiSCE® Supply Chain Excellence Systems

Warehouse Management	Manufacturing Execution
Transportation Management	Supply Chain Planning
Global Trade Management	Supply Chain Control Tower

SOFTWARE | IMPLEMENTATION | SUPPORT | RESOURCES

- Business Process**
- Capturing transaction history of multiple dimension data captured through any kind of data sources
 - Perform time series forecasting with variety of forecasting techniques built in the model along with best fit model.
 - Planners can perform modifications for forecasting data considering demand parameters and conclude as a demand plan.
 - Record actual numbers against forecast from various data sources
 - Prepare variance analysis and report performance to improve forecast accuracy

AI/ML Algorithms: Exponential Smoothing | Holt Winter's | Holt Linear Trend | Croston's Method → Best Fit Method

Reach us for demo or expert advice ►

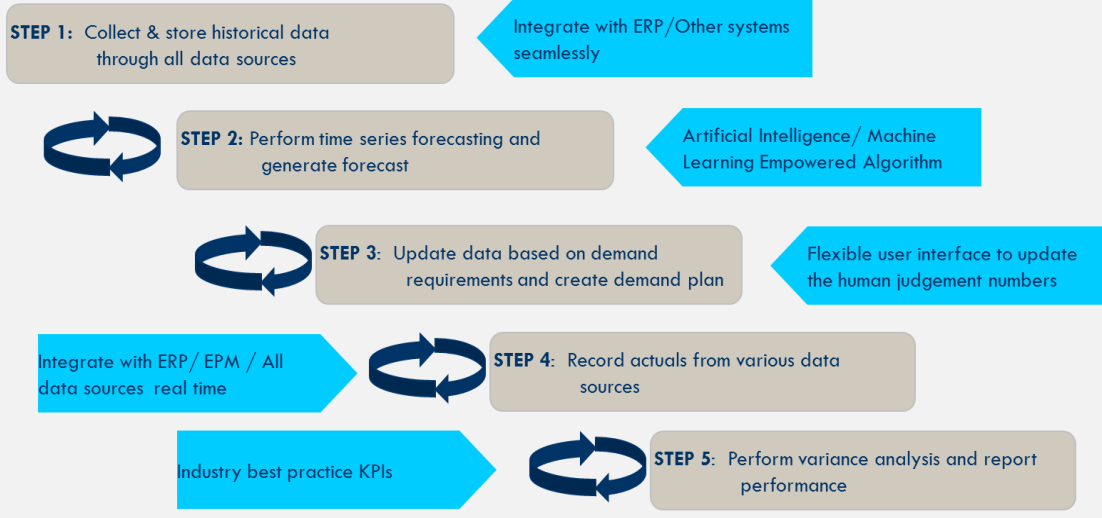
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World class supply chain operations

fruiSCE™: Five step demand planning approach

KEY FEATURES



- Planning & forecasting parameters
- Historical data management
- Forecasting engine
- Aggregation & disaggregation
- NPI workbench
- Promotions planning
- ABC analysis
- Causal data analysis
- Sentiment analysis
- User security

KEY PERFORMANCE METRICS

Forecast Accuracy	MAD
Tracking Signals	MSE MAPE SMAPE
Bias	WMAPE

AI/ML BASED MODELS

- Autoregressive Integrated Moving Average
- Single Exponential Smoothing
- Double Exponential Smoothing
- Triple Exponential Smoothing
- Holt Winter's Addictive & Multiplicative Methods
- Holt Linear Trend
- Croston's Method
- Best Fit option
- Python/R time series models
- Seamless integration with high security protocols

INDUSTRY BEST PRACTICES

AUTOMOTIVE	PHARMA
FMCG	MINING
MANUFACTURING	LOGISTICS & SUPPLY CHAIN



Reach us for product demonstration or expert advice ►

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About Data Labs India Solutions Pvt. Ltd.

Data Labs India is an information technology solutions company helps organizations to achieve business excellence and increase their competitiveness. We innovate and develop products and services with best in class industry practitioners and technology architects to solve complex problems in supply chain management, strategy execution, enterprise performance management, enterprise resource planning, and business analytics.

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