

An advanced analytics solution fully integrated with Dynamics 365 for Finance and Operations to predict demand



If you want to improve the way in which your business anticipates and plans for future demands in the supply chain, you are likely to encounter these challenges:

"Forecasting demand is very important in our operational planning, but it is a complex task that requires very specific skills and tools."

"We use spreadsheets and manual inputting to develop our future demand predictions. It takes too much time and the data is not updated in real-time." "Our demand planning process does not meet the accuracy standards we need. Our customers are suffering as a result and it is affecting our bottom line."

The Demand Forecasting solution from Prodware is the answer: an AI suite built for Microsoft Dynamics 365 for Finance and Operations, it predicts demand based on historic sales data with additional Power BI reporting to help you visualize your business intelligence

Why choose Demand Forecasting from Prodware to support your operational excellence journey?

The ability to plan ahead for businesses throughout the supply chain is critical in forecasting, but this is often prone to complexity, heavy IT consumption, lack of skills and resources and inaccurate outputs depending on the models or approaches used.

With thousands of customers throughout the supply chain, Prodware's global experience in operations technologies and our innovative machine learning skills means that apps such as **Demand Forecasting** deliver the right tools for your industry in an intelligent way. **Demand Forecasting** has been designed for manufacturers, distributors and retailers alike:

- Azure-based solution using cutting-edge cloud and AI technology: Databricks, Azure functions and Azure storage
- Uses a blend of the latest algorithms and predictive benchmarking technology to deliver the most relevant and accurate results
- Results delivered from within Dynamics 365 for F&O for ease of use and increased visibility across the business
- No need for specific technical skills



Assurance

Past performance comparisons are included in the reporting to support learning and future predictions.



9 prediction models are used in

parallel with an automatic selection

of the most appropriate model.



Integrated

No need to customize the Dynamics 365 for Finance & Operations environment: it works in standard.

For each Prediction Unit from the winning model \bigcap

Flexible

No capacity restrictions, pay-per-user, 100% SaaS.

What are the overall processes in Demand Forecasting? AZURE SERVICES DYNAMICS 365 FO DYNAMICS 365 FO Preparation Processing Running ဝိ 00 DATA Includibg Dynamics 365 and Calendar, with the option of incorporating Characterization of time series, training and CONFIGURATION external information to evaluation of 9 models improve results Of parameters needed for the prediction: data, frequency, time Prodware Demand Forecasting span, dimentions, INTEGRATION models, etc. TRACKING Of the demand results in the plan by the user in Of the processes, models results, associated errors, accuracy indicators and D365FO sensitivity etc. via dashboards

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Comparison and automatic selection of

the most accurate model result in each

case

 Uses transactional data from Dynamics 365, no need to export or produce complex datasets

11.00

27.44

 Results displayed back on Dynamics 365 plus advanced Power Bl reporting for additional insights

Speak to Prodware about transforming your demand planning processes using the power of modern technology; impacting your bottom line to reduce waste, improve productivity and provide your clients with excellent experiences.



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