psc_ TRANSITION TECHNOLOGIES

_Demand Forecasting and Warehouse Optimization

Optimize your supply chain management with an intelligent solution

_What can you do with Demand Forecasting and Warehouse Optimization?

There are seven main reasons that you should pursue demand forecasting and warehouse optimization in your supply chain:

- **Improve inventory accuracy**
- **Minimize out-of-stocks** and address item shortages more quickly
- **Improve order fulfillment lead time**

- **Reduce excess inventory**, thereby reducing your company's total operational costs
- **Plan for peak periods** with accurate forecasts of the future need
- **Automate aspects** of your business
- **Improve customer services**

_Why should you use Demand Forecasting and Warehouse Optimization from TT PSC?

Inventory management is one of the most essential functions of any business, but it can also be one of the most difficult jobs on a business owner's to-do list.

It is difficult because running a successful supply chain encompasses many different steps—from setting up an accurate demand forecast to managing inventory.

We use **state-of-the-art AI** to provide a more accurate and dynamic demand forecast, thus making your operations **more efficient** and **cost-effective**

_What makes us different?

TT PSC combines the newest technologies like **AI**, **BI**, and **effective methods**, to provide you with a **precision forecast**

Unlike traditional methods available in classic IT systems for warehouse optimization and demand, we use Machine Learning algorithms to predict changes in demand forecasting as accurately and dynamically as possible — giving you complete control of your business success.

_Avoid excessive amounts of stockpiling

_Forecasting and warehouse optimization for all industries

Whether you are in retail or manufacturing, we can help optimize your supply chain with our forecasting and warehouse optimization services. We have helped a wide variety of industries. See how much our clients have increased revenue and reduced forecasting time:

15-40%	15-40%	20-60%	5-25%
Better forecasting accuracy	Inventory reduction	Reduction in resources	Trade promotion optimization

_Technologies we use for your improvement

Microsoft Azure   thingworx analytics™   Power BI   python™   databricks   SAS   Amazon SageMaker

Cloud-based technology has reduced the cost of machine learning solutions. Companies no longer need to invest in hardware and can easily scale computing power.

_How do we deliver Demand Forecasting and Warehouse optimization?

Business Analysis of the current situation

We provide intro workshops to shape the scenario: modeling and verifying the challenges you want to address. Select a subset of a product portfolio with various demand issues to ensure the POC represents your business.

Machine Learning development

We apply state-of-the-art Machine Learning tools and techniques to prepare models which automatically recognize patterns, capture demand signals, and spot relationships in input data.

Results of POC and Roadmap

4-6 weeks later, we deliver the workshop to present results and discuss conclusions and roadmap proposition for the next steps.

_Check how long your proof of concept might take

That way, you can offer your customers the products they want, when they need them.

6-8 weeks
Typical POC duration

1 week
Business analysis & concept design

4-6 weeks
Preparation data & development ML models

1 week
Results visualization

1 week
Hand-over and Roadmap

Optimize your supply chain management with Demand Forecasting and Warehouse optimization. We can help you improve business processes and systems to make it **agile**, **reliable**, and **cost-effective**.