

Teradata Demand Chain Management Software as a Service on Microsoft Azure

CLOUD SERVICES



Teradata® Demand Chain Management (DCM) on Microsoft® Azure® gives you best-in-class forecasting, fulfillment, and analytics software combined with Microsoft Azure cloud deployment

Teradata Demand Chain Management (DCM) is a solution suite that includes an analytics solution to help you understand performance and manage exceptions; a forecasting solution to help you accurately predict consumer demand; and a fulfillment solution to align inventory investment with consumer demand.

Demand Chain Management helps you drive efficiency and profitability. One analyst firm estimates \$1.1 *trillion* in annual global losses from inventory mismanagement—\$634.1 billion in lost retail sales from out-of-stock items and \$471.9 billion in lost revenue from overstocks.* Supply chain exceptions also erode customer satisfaction and loyalty.

Analyzing Big Data for Visibility

Teradata Demand Chain Management on Microsoft Azure enables you to use big data and analytics to understand demand and supply chain performance, manage exceptions, accurately predict consumer demand, and align inventory exceptions. This gives you the ability to accurately predict consumer demand, align inventory exceptions at the most granular level of store SKU, and to aggregate views across your entire business.

Analytics Solution

The DCM analytics solution delivers automated analytics and actionable insights via dashboards and reports that highlight issues that require action with regard to forecasting and inventory health.

The DCM analytics solution benefits include:

- Increased sales and inventory productivity.
- Single version of the truth.
- Intuitive dashboards.
- Automated alerts.
- Extreme scalability.

Forecasting Solution

The DCM forecasting solution utilizes consumer demand, big data, and analytics to deliver the world's most accurate SKU-location consumer demand forecast, over

Teradata Database on Azure

The Need:

Organizations lose more than \$1 *trillion* annually from inventory mismanagement—including out-of-stocks and overstocks. Better demand chain management is needed.

The Solution:

The Teradata Demand Chain Management Suite, as part of the Teradata Everywhere™ initiative, is offered on a SaaS-basis on Microsoft Azure.

The Benefits:

- Faster time to value with SaaS delivery
- Increased sales and inventory productivity
- Automated alerts with drill-down capability
- Extreme scalability with Teradata Database
- Robust data model
- Industry-leading accuracy
- Automation
- Increased product margins
- Multi-echelon replenishment and planning
- Reduced stock-outs and markdowns
- Best practices and easily managed parameters
- Security with Azure and infrastructure and support

* Source: "Retailers and the Ghost Economy: \$1.75 Trillion Reasons to be Afraid," published by IHL Group May 2015.

multiple time horizons from 1 day to 65 weeks into the future. The solution's forecasting accuracy helps you improve the flow of goods to all locations—maximizing sales and inventory productivity. Forecasting solution benefits include:

- Increased sales and margins.
- Industry-leading accuracy.
- Automated forecast generation.
- Enhanced productivity.

Fulfillment Solution

The Demand Chain Management fulfillment solution transforms demand forecasts into industry-leading multi-echelon, time-phased automated replenishment orders and allocations. Our fulfillment solution enables companies to right-size inventory and safety stocks across the business, greatly reducing the occurrences of stock-outs and lost sales, while increasing inventory and people productivity. Fulfillment solution benefits include:

- Increased inventory productivity and margins.
- Multi-echelon replenishment and planning.
- Reduced stock-outs and markdowns.
- Best practices and parameters.

Faster Time to Value with SaaS-based Teradata DCM

Offered on a SaaS basis, you can deploy Teradata Demand Chain Management without the traditional delays and capital expenditures associated with on-premises deployments. And you can do all of this using the industry-leading Teradata Database software, while benefitting from the global availability of Microsoft Azure.

Flexible SaaS Deployment

The analytics, forecasting, and fulfillment solutions can be deployed as the full DCM suite or as stand-alone solutions to extend the life of existing infrastructure.

One-stop Monday Review of Basics—Leadership



Figure 1. DCM Dashboards: Enhancing productivity across your business.

SaaS DCM for Security

Cloud-based SaaS deployments benefit from security experts focused on maintaining data integrity and privacy. Azure claims more security certifications than any other cloud provider.

Teradata Professional Services

The SaaS-based DCM solution suite is designed for ease of deployment. At any point along the way you can also tap into the vast knowledge and guidance of the Teradata Global Services team.

About Teradata

Teradata empowers companies to achieve high-impact business outcomes. With a portfolio of business analytics solutions, architecture consulting, and industry-leading big data and analytics technology, Teradata unleashes the potential of great companies.

For more information, call 1-866-548-8348, or visit **Teradata.com**.

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