

Teradata Capacity Management Service

Professional Services

Avoid Those System Surprises

There's almost no place in business where surprise is welcome. Especially when it comes to corporate data capacities. Yet with data volumes continuing to double every two to three years, far too many companies still find themselves surprised that the configuration they purchased recently no longer has sufficient disk space to meet their changing needs. Or that they simply don't know their current or future power requirements.

That's because those companies have no way of assessing and reporting on the health of their data warehouse and no planning tools that allow them to create outcome scenarios whenever they add new applications, users, or additional data sources. What they need is the ability to accurately judge the performance and capacity of their data warehouse. Why? So they can be sure they have adequate resources to meet future demand. Without the right tools, those businesses may run out of resources just when they need them the most.

And that's where Teradata Corporation, the leader in enterprise data warehousing, can help. Our Professional Services team can provide you and your business with an established, well-documented capacity plan that considers not just disk space, but also the system processing power you'll need to meet your future business demands.

Never Run Out of System Capacity

The Teradata® Capacity Management service offers a clear-cut plan that shows you how to understand the drivers that continuously impact your data warehouse performance and how to utilize best practices in the industry to meet both business and IT objectives. But what the service really does is help you avoid the surprise of running out of system capacity so you can keep mission critical resources available to meet the changing demands of your business.

The service lets you accurately predict capacity demands on all your systems, and it offers tools, knowledge, and industry-leading expertise to ensure you can properly plan and manage the capacity of your systems, including production, quality assurance, and test environments.

Select the Service That's Right for You

Teradata Professional Services delivers capacity management support through two distinct offerings:

Statistical Forecasting Program

This comprehensive option provides you with a four to six-week engagement that utilizes a robust methodology to size your company's future needs for applications, users, data sources, and seasonality issues.



The Statistical Forecasting program:

- > Offers more than a one-time capacity status; it provides a rigorous approach for projecting capacity needs now and into the future.
- > Looks at *all* your Teradata systems.
- > Looks at a deep history of capacity usage and changing workloads to predict future hardware needs.
- > Helps you understand how new applications, users, and data scheduled for introduction will affect your data warehouse performance and capacity.
- > Tests predictive capacity management reports against actual weekly/monthly reports to help build confidence in the capacity management output.
- > Is participatory; you work closely with Teradata Professional Services to make sure your DBAs are well trained in capacity forecasting and management techniques.

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Baseline Program

The baseline option provides a snapshot of capacity usage. This one-week engagement is designed to help you understand where your capacity is *now*. As part of the baseline service, Teradata conducts a quick check and installs a capacity data collection and reporting database to capture key capacity statistics, if one isn't already in place. We can then use those data to determine current and recent past capacity usage. This engagement does *not* provide future trending. It does offer mentoring and a powerful report toolkit to help you and your users analyze capacity reports.

Why Teradata?

Teradata Corporation, the global leader in data warehousing and analytic technologies, provides solutions that help make smart companies smarter. Teradata gives companies the people, technology, innovation, and a world-class network of customers and partners enabling them to

gain competitive advantage to master their markets. With Teradata, the smartest wins.

Plus, Teradata Professional Services brings your business:

- > Expert industry consulting – we understand your industry, customers, and concerns.
- > Deep experience and skills – Teradata Professional Services consultants have deep technical expertise in data warehousing, business intelligence tools, applications, and data management technologies.
- > Complete data warehouse service provider – Teradata can help fulfill your data warehousing vision through our comprehensive services portfolio. Because Teradata provides a truly unique solution based on the simplicity of a single centralized data warehouse, we offer data warehousing services tailored to many diverse industries.

- > Data warehousing focus – We are focused solely on the data warehouse market. We apply our data warehousing expertise to your specific needs and demands. Our services provide an accelerator for faster time-to-value.
- > Faster business results – We have more than 25 years of experience building more than 1,900 data warehouses. Our customers represent some of the best-known Global 2000 and Fortune 1000 companies. And we measure our performance by the results our customers achieve and through industry recognition of best practices.

For More Information

To find out more about how the Teradata Capacity Management service can help you avoid unpleasant – and costly – surprises so you can continue to grow your business, contact your local Teradata representative or visit Teradata.com.

Faster Means Better

A large national health insurer took advantage of the Teradata Capacity Management service and discovered one of the key benefits of the program: that more frequent planning often leads to better business decisions. By changing its capacity planning cycle from quarterly to monthly, the company found it can now accurately predict when it will run out of resources. And now it can take the appropriate budgeting actions to keep its business critical systems performing and meeting its end-user needs.

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