

Optimize your storage for availability, performance and agility

EXPERT, VENDOR-NEUTRAL SUPPORT FOR CRITICAL STORAGE NEEDS

BUSINESS CHALLENGE

Today's corporate storage environments are growing at an unprecedented rate. The increasing volume of new data – combined with regulatory requirements for longer retention of data – mean the average company's storage needs are doubling every six months.

Effectively managing your growing storage environment plays a critical role in your ability to support the business' ongoing demand for high-speed performance, availability and rapid application deployment. In addition to allocating storage for new projects, trouble-shooting and managing critical backup processes, conducting ongoing capacity planning is essential to meeting the business' demands.

Unfortunately, many companies don't have the time or personnel resources required for proactive and ongoing storage management. How confident are you that your storage environment is optimized for your needs and is being managed appropriately? Ask yourself:

- Are you equipped to respond to sudden changes in capacity? How quickly can you re-allocate storage based on changing business needs?
- Is your backup window extending each year? Does it ever impact production?
- Do you receive frequent complaints from users about slow performance?
- Do you understand how to appropriately size and manage your ongoing storage needs, merging and splitting storage when needed?
- Are you prepared to manage multiple storage vendor solutions to help the business avoid vendor lock-in?

With 16 years of experience managing critical IT environments, Rolta TUSC can help ensure your storage receives the expert attention it deserves.



SOLUTION OVERVIEW

With seasoned system administrators experienced in all leading storage vendor technologies, Rolta TUSC provides expert-level support for your ongoing storage needs.

Our consultants help you maintain and enhance the availability, performance and flexibility of your storage through proactive monitoring, administration and proposed modifications to your environment following industry best practices and years of field-proven support experience.

Our system administrators are not only knowledgeable about storage-area-networks (SAN), but they're experts in supporting your overall Oracle environment, including the database, middle-tier and applications levels. This depth and breadth of knowledge enables us to make decisions based on what is best for your entire architecture – not one isolated piece.

BENEFITS

- **Avoid vendor lock-in**—With expertise in all leading storage providers, Rolta TUSC enables you to support a mixed vendor storage environment.
- **Streamline management**—Employ one company to monitor and manage your Oracle database, middle-tier, application and storage requirements. Eliminate concerns about employee turnover and vacation.
- **Improve performance and availability**—Rolta TUSC consultants will eliminate storage-related bottlenecks, reduce expanding back-up windows and create clones for non-production needs to maximize uptime. When issues arise, around-the-clock support ensures we resolve issues quickly.
- **Increase flexibility**—Rapidly move data from host-to-host, data center-to-data center, or array-to-array to meet changing business needs.
- **Increase efficiency**—Free staff for higher-value projects, while completing storage tasks more quickly.

SOLUTION DETAILS

With more than 16 years of experience, Rolta TUSC provides expert support to help you manage the complexities of today's storage environment to maximize uptime, performance and flexibility.

Whether you're a smaller company considering implementing your first SAN or you are already juggling a large, multi-vendor SAN environment, your business will benefit from Rolta TUSC's storage expertise. Our vendor-agnostic consultants have worked with a wide variety of solutions, integrations and architectures. We understand which combinations work best for differing business priorities and corporate cultures.

In addition, our system administrators are not only knowledgeable about SAN, but they're experts in supporting your overall Oracle environment, including the database, middle-tier and applications levels. This depth and breadth of knowledge enables us to make decisions based on what is best for your entire architecture – not one isolated piece.

As part of our 24/7 SAN managed services offering, we provide:

- **Architecture Evaluation and SAN Implementation**—Rolta TUSC consultants evaluate your existing storage environment, your history of data growth and your performance demands to appropriately size the next-generation of your architecture. We'll determine whether a SAN is required, define the technical specifications, and identify several models that fit your performance, functionality and ease-of-use requirements. Our consultants are experienced with most leading storage array vendors including EMC, Hitachi, HP, IBM and NetApp and can objectively help you determine what solution will work best for your business.
- **Proactive Performance Tuning**—Rolta TUSC consultants are experienced at locating and eliminating the bottlenecks in your storage environment to speed users' query response time and maximize performance. Whether the solution involves installing redundant hbas, switch ports or array ports; utilizing multi-pathing software or tuning disk block size; we have the expertise required to improve performance. In addition, through array mirroring and cloning, we help you rapidly create new environments

for non-production needs such as QA, test and development, and reporting. This strategic and rapid cloning minimizes the demand on your primary storage.

- **Data Protection and High Availability Services**—If the size of your production database is negatively impacting your back-up window, we can help reduce your backup window from hours to minutes and improve availability. Our consultants are intimately familiar with leading snapshot technologies including EMC SnapView, Hitachi HORCM, NetApp Snapshot and Veritas Volume Manager. Similarly, we utilize virtual tape arrays and disk-to-disk-to-tape scenarios to ensure quick restores in the event of service interruption.
- **Migration Expertise**—Rolta TUSC consultants will help you optimize your storage environment so you can easily move storage from host to host, from data center to data center, and/or move data from array-to-array.

Our SAN management services may be provided at your business location or remotely at the Rolta TUSC data center. Every Rolta TUSC client is assigned a primary administrator. This individual works closely with you to understand your technical and business requirements, allowing us to provide custom management and monitoring services to best meet your goals.

ABOUT US

TUSC has been known as the Oracle Experts for more than 20 years, but Rolta TUSC is so much more than that now! Through the merger of Rolta's IT Consulting Division with the acquisitions of TUSC, WhittmanHart Consulting, and Piocon Technologies, we have gained some of the world's most knowledgeable technology and business experts in enterprise performance management, business intelligence, and CA infrastructure management solutions.

While we have added exciting new capabilities, we remain committed to maintaining our expertise and industry leadership in Oracle E-Business Suite and Oracle Technology. Now more than ever, Rolta TUSC has the expertise and solutions your organization will need to be competitive in our new economy.

FOR MORE INFORMATION

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