With Dynamic Systems, you can leverage the power of the world’s most sophisticated and secure database to maintain control of your mission-critical data. Oracle is the leader in database technology and efficiency, providing maximum performance, scalability, security and reliability of your data at all times.

High Availability and Increased Performance with Oracle Real Application Clusters (RAC). RAC harnesses the processing power of multiple, interconnected servers in a cluster. It allows access to a single database from clustered servers, insulating both applications and database users from server failures, while providing performance that scales out on demand at a low cost. RAC is a vital component of grid computing that allows multiple servers to access a single database at one time.

Real-Time Global Data Replication. Oracle products provide critical data replication and integration with a flexible infrastructure that meets a wide variety of information sharing needs. Oracle enables the propagation of data, transactions and events in a data stream either within a database, or from one database to another. The flexibility over traditional solutions for data replication and message queuing allows you to select a single information sharing solution, and to deploy information solutions in less time for less cost. As business requirements change, simply implement a new capability without sacrificing existing capabilities.

KEY BENEFITS

- Reduce Server Costs
- Reduce Storage Requirements
- Improve Mission-Critical Systems Performance
- Increase DBA Productivity
- Eliminate Idle Redundancy in the Data Center
- Simplify Your Overall IT Software Portfolio
WHY DYNAMIC SYSTEMS?
Dynamic Systems provides technology solutions that make data management simple. We work closely with our clients to understand current challenges, long-term goals and budget requirements – then combine best-in-class hardware, software and support to streamline maintenance and optimize performance.

Since 1991, Dynamic Systems has built a solid reputation as the IT experts of choice with a relentless focus on customer satisfaction and strong understanding of our clients’ core requirements. Our cleared resources, financing options and contract vehicles make it very easy to work with us, particularly for our government and education customers. As a small, minority-owned business with enterprise-class resources, partnerships and state-of-the-art facilities, we provide the IT consulting, product advice and training you need to succeed.

Monitor the Health and Status of the Infrastructure. Maintain peace of mind at all times while your Oracle database, applications and network are managed by one application. Databases, applications, server hardware, storage devices and non-Oracle components run at an optimum level with Oracle Enterprise Manager. With Oracle Enterprise Manager, you can:

- Centralize all management information in one single location.
- Manage and monitor non-Oracle components.
- Correlate availability and performance problems across your entire set of IT components.
- Increase operational and IT efficiencies.
- Utilize system monitoring Plug-ins for Hosts, non-Oracle databases, non-Oracle middleware, network and storage devices.
- Access instant reporting and notifications based on triggers to SMS and email.

The Ultimate Database Machine. Oracle and Sun technologies have created the ultimate database machine - The Exadata Solution. With expertise in both the hardware and software, Dynamic Systems has the unique ability to implement, upgrade and support this solution, which can:

- Optimize Performance: Experience dramatic performance improvements (10-100X) for your data warehouses. Dramatic performance improvements (20X) for OLTP applications.
- Provide Linear Scalability: Performance scales linearly with increase in data volumes.
- Improve Productivity: As it is enterprise-ready, the Exadata Solution gets you up and running quickly with a complete system containing all the required hardware and software. Single enterprise-level support for all hardware and software from Oracle.
- Simplify Management: Works transparently with existing applications. Manage your databases and applications the same way you do today.

Dynamic Systems can help you take the guesswork out of Oracle deployments with Exadata. We will help you optimize performance, realize high availability, plan for disaster recovery, develop custom applications and customize support services.