



Oracle SystemSizer™

for Compaq Systems

The Oracle System Sizer provides the industry's first, easy way to size Compaq ProLiant servers running Oracle7 OLTP applications on the Windows NT operating system.

Using information that is readily available to the database administrator, the Oracle System Sizer produces a recommendation for a basic system configuration including the number of CPUs, the amount of memory, and the number and size of disk drives required. This simplifies a process that is normally complicated and eliminates the need for detailed knowledge of the database engine and its interactions with the hardware and the operating system.

Product Features

The Oracle System Sizer is designed to allow effective system sizing by both the novice and the experienced user. The tool contains four operational modes as well as extensive on-line help.

Worksheet Mode

Worksheets are provided to help the user think ahead about the information that must be gathered for input into the Oracle System Sizer.

Interview Mode

The interview mode guides the user through the sizing process by prompting for input and providing context sensitive help. This input consists of the number of users, the database size, the fault tolerance level, the peak usage duration, and transaction descriptions. After this information is entered, the Oracle System Sizer

delivers a recommendation consisting of the system model, the number of CPUs needed, the number and type of disk drives, and the memory needed. The user also has the option of obtaining more detailed information such as suggested Oracle database parameters and predicted memory, processor and disk statistics.

Advanced Mode

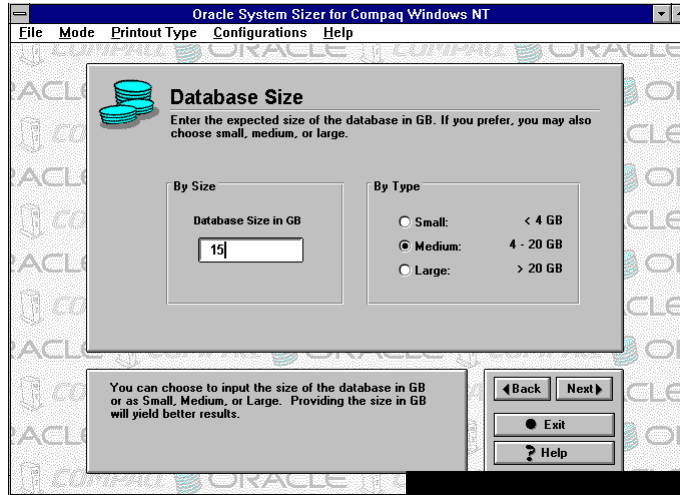
The advanced mode allows the user to compare different sizing scenarios by changing certain fields and viewing the results. In addition to the basic inputs, the user can specify additional sizing requirements such as cache hit rate, maximum system usage and maximum drive usage. The user may also retrieve more detailed predictions of system, memory and disk statistics. The advanced mode also allows a side-by-side comparison or a graphical view of up to three stored configurations.

Utilities Mode

The utilities mode provides the ability to extend the Oracle System Sizer to support additional CPUs, disk drives and operating systems used to make sizing calculations. This mode is for experienced users only and should be used with *extreme* caution. Entering incorrect information in this mode will cause the tool to work improperly.

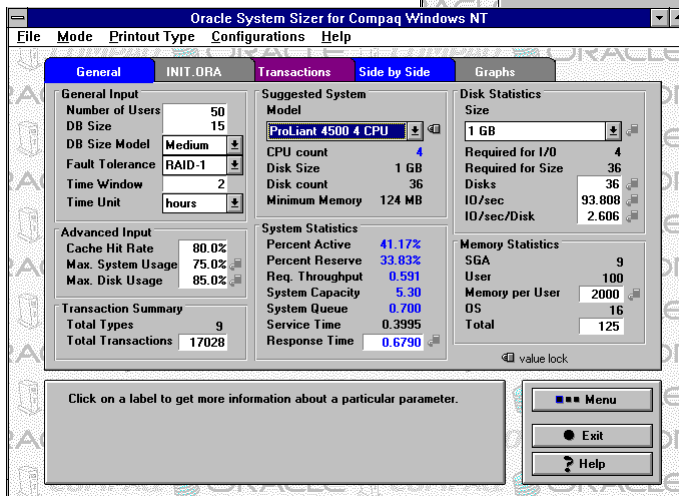
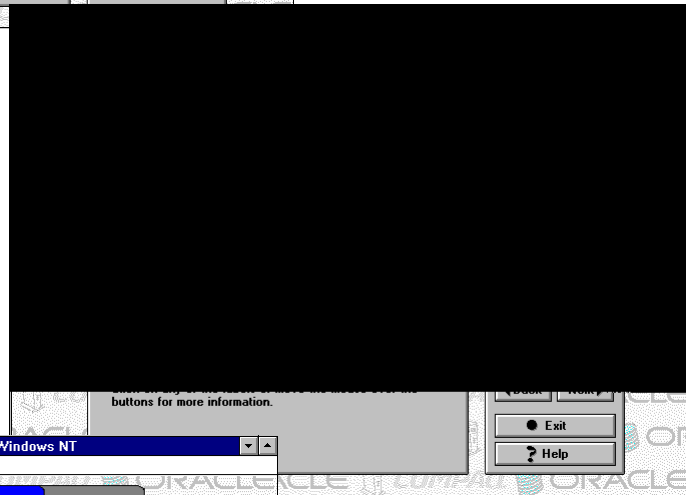
On-line help

The Oracle System Sizer has extensive on-line help which includes step-by-step instructions for using the tool, descriptions of all screen items, and helpful tips and tricks.



The interview mode guides the user through the sizing inputs with context sensitive help.

From the interview mode, the Oracle System Sizer generates a general system configuration backed up by detailed results and assumed database parameters.



The advanced mode shows all inputs and outputs on a single screen for "what-if" analyses. Values that change are highlighted in blue.

System Requirements

The minimum hardware requirement is an 80386-based PC with 4 MB of RAM and 3 MB of free disk space (includes 1 MB in system directory). The Oracle System Sizer runs on Windows 95, Windows NT, Windows 3.1, Windows for Workgroups 3.11.

Availability

Release 2.3.2 is currently available for sizing Compaq Systems running Windows NT. Support for additional operating systems will be available in the future.