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REAL-TIME SOLUTIONS

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What You Need to Know about Oracle 10G

What will I need for my Application Server?

NDS recommends that the application server needs to be either:

1. a server class machine with fault-tolerant Raid 1.0 disk configuration. Disk space requirements are modest.
2. at least two identically configured commodity-grade machines, with one in operation and the others in standby.

Unless your company will be seriously inconvenienced by five to fifteen minutes of downtime, choose the second option.

The application server requirements include:

- Windows 2003 server (or later) with current service packs. We currently do not support Unix for Application Servers.
- 2 GB memory minimum, but we recommend more for production use.
- Oracle 10G IAS Enterprise Edition, as this is the only one that contains forms and reports server.

What will I need for my Database Server?

NDS recommends that the database server is a fault tolerant enterprise server class machine because they take a long time to rebuild and standby machines are not practical with frequently changing data.

The database server requirements include:

- Windows 2003 server (or later) with current service packs - or - some of our customers may wish to choose an appropriate Unix-based platform and take responsibility for system requirements determination and / or Oracle software installation.
- 4 GB memory minimum.
- Oracle 10G Database Standard or Enterprise Edition. Many of our customers can use Standard Edition unless there is a specific reason for Enterprise Edition.

What about my custom forms?

Any custom forms code will need to be converted to 10G using both Oracle's migration utility and our in-house forms scrubber.

What about Oracle Licensing?

- Standard edition is available ONLY on machines with 4 or less CPUs.
- A 4 CPU dual core machine MUST be licensed at the Enterprise level.

Oracle databases should always be licensed using CPU count except for tightly controlled environments where the users can be counted exactly and reliably and there is NO WEB ACCESS allowed through any mechanism. Any setup where there is access through a "multiplexing device" (such as Xephr or other application server) must be licensed by CPU, since the actual user count can never be reliably known.