

RSMB TV Research Ltd. 2006 Oracle Server.



RSMB Television Research Ltd leaders in Television and Radio Audience Analysis have been clients of Pconsultancy.com for over 6 years. Earlier this year RSMB were awarded a significant new contract with the Radio industry for the collection and analysis of audiences throughout the British Isles. To aid the processing of Oracle datasets up to 700GB in size Andy Chapman COO and Mike Thomas IT Manager were charged with the task of selecting a suitable hardware platform to perform the task. The specification was for a very large server with mirrored hard disk storage and the maximum RAM available. Together with Howard Latham IT Infrastructure Manager of RSMB, Pconsultancy found that the largest server available at the time was 25TB (25,000GB) of storage and 64GB RAM using dual 3.33GHz Intel Xeon processors giving 12.5TB of useable disk space using drive mirroring (RAID 1). The next step up from this would be effectively a mini computer which has environmental, size and cost implications beyond the scope of this project.

For at least the last 10 years RSMB have concentrated on HP for their server products and the ML570 server is their third application specific server in their collection of data analysis tools. HP has proven to be powerful and reliable and in conjunction with Red Hat Linux as the OS a very capable Oracle 10 database server. Pconsultancy has worked with RSMB over that time to assist in all aspects of IT support and supply.



As can be seen here the new Oracle 10 server takes it's place next to RSMB's existing collection of analysis servers.



Pcconsultancy liaised with Hewlett Packard, their distribution channel and RSMB to finalise the specification and once RSMB were satisfied the server was installed and running within 2 weeks of order. The only delaying factor was the HP 19" rack which had to be manufactured to order and shipped from South America.

Engineers from Pcconsultancy worked over several weekends to avoid as much disruption as possible and the final server move was completed in October 2006.

Howard Latham now has the major task of installing and configuring the Linux OS and Oracle 10 database server software.

The fully configured server is expected to enter productive service by the end of November 2006.



Server shown here with its initial 7.4TB start-up configuration.

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