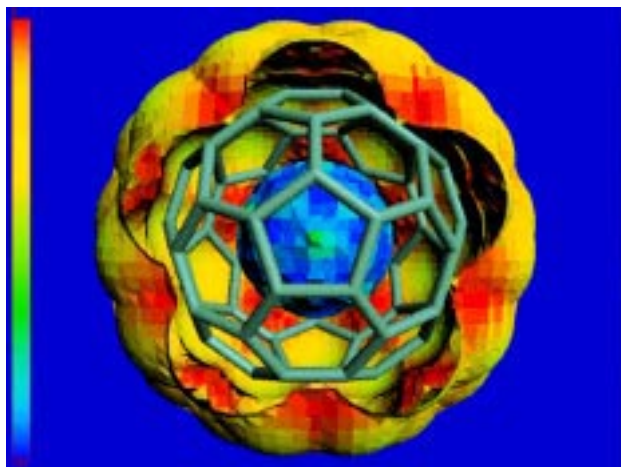




High Performance Solutions: VAMP on AlphaServers from Compaq

Leading edge computing for competitive research needs

Discovering and developing new products is a long and complex process. VAMP enables scientists to model greater numbers of molecules than ever before, improving their chances of product discovery. By running on Digital AlphaServers from Compaq, they can conduct more computations faster than ever before. Plus the impressive price/performance of AlphaServers helps to reduce overall systems management costs. Pharmaceutical, chemical, and biotech companies use VAMP on AlphaServers to reduce time-to-market of new products, decrease R&D costs, and ultimately gain greater profits.



Charge Density plot for Buckminster Fullerene
This image of charge density surrounding a C₆₀ molecule was created by VAMP.
Image courtesy of Oxford Molecular PLC

VAMP Highlights

VAMP allows scientists to find new leads faster. With the advent of combinatorial chemistry came the ability to quickly synthesize thousands of compounds in a short period of time. VAMP is a powerful screening tool that enables scientists to find the few good candidates from the thousands or millions of compounds in their databases in order to develop innovative new products. In effect, it gives scientists the ability to find "a needle in a haystack."

The Compaq advantage

In the fiercely competitive world of product discovery, compute performance is critical. Products such as VAMP require enormous horsepower to work effectively. They greatly benefit from multiprocessor machines because of parallel processing capabilities. Alpha systems provide the best performance for customers' most challenging modeling needs. And Compaq protects its customers' investments with a clear upgrade path to even greater increases in performance

