COMPAQ **SAS Institute**
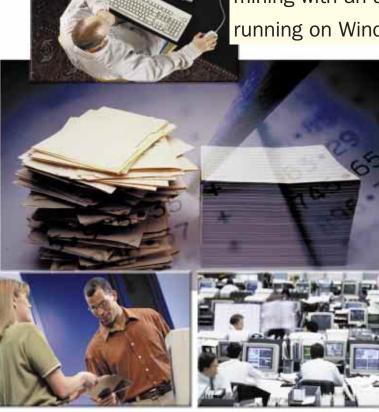
A powerful tool for Business Intelligence running Windows NT in the Intel Pentium II Xeon environment

Business success requires Business Intelligence. Data mining is the key to selecting, exploring, and modeling large volumes of data to uncover hidden nuggets of information. Large organizations have been using data mining for years. Now, Compaq and the SAS Institute enable smaller companies to reap the benefits of data mining with an affordable, scalable, pre-packaged solution running on Windows NT®.

You battle daily for customer loyalty. Customers have become more sophisticated and demanding, and their needs are ever-changing. To be successful, you must turn customer data into customer knowledge before your competitors do.

What could you do with more information about your customers?

Retain existing customers?

Acquire new ones?

Sell customers more products based on what they have already bought?

Or sell them a higher level of service or product?

In fact, you can do a great deal with the information generated with SAS Enterprise Miner™ software. It's the first data-mining product to offer a common environment for its primary users and the first to address the entire data-mining process within one automated solution.

Benefits

- Factory integration creates a system that arrives at your site ready to load and run SAS Enterprise Miner™ software, thus significantly cutting deployment time

- This cost-effective package is orderable with a single part number and delivers all the high-performance software and hardware you require for advanced data mining

- The Intel® Pentium® II Xeon™ processor is available with large, fast caches to keep data flying at super high speed through the processor core, along with superior manage-ability features that help ensure maximum reliability and uptime

SAS Enterprise Miner

SAS Enterprise Miner provides a powerful solution for data mining and can be installed with other SAS software products such as SAS DataWarehouse Administrator to create a total data warehouse environment.

A Graphical User Interface (GUI) provides user-friendly access to all the functionality needed to implement the SEMMA (Sample, Explore, Modify, Model, Assess) process.

From analyst to expert

The GUI enables the business technologist with little statistical expertise to navigate quickly and easily through the SEMMA process. On the other hand, the quantitative expert can draw upon a range of powerful tools to go "behind the scenes" to fine tune the analytical process.

Algorithm rich

Enterprise Miner software offers the widest range of algorithms in a single package — decision trees, clustering, neural networks, data-mining regression, associations, and others. And it introduces a way to compare the results of analyses and select the most effective method.

Putting it all together

With the pace of data accumulation, you need to deploy data-mining quickly with minimal disruption to your ongoing operations.

That's why Compaq *Custom*Systems provides a pre-packaged, pre-tested, solution orderable with a single part number.

ProLiant Power

The Compaq ProLiant® Warehouse Miner is based on two 400 MHz Intel Pentium II Xeon processors running Windows NT.

SAS software combined with these powerful new processors delivers some major benefits.

Intel's Extended Server Memory Architecture delivers enhanced 36-bit support for greater memory-resident capacity and will provide new levels of performance to SAS software. By taking advantage of increased addressable memory, larger amounts of data can be held in memory for quicker retrieval and analysis than ever before on the NT platform.

Increased L2 cache size with a full speed (400 MHz) cache bus provides leadership in price/performance. These improvements, along with the faster (100 MHz) system bus available in these servers provide a world-class platform on which to operate SAS software.

ProLiant Warehouse Miner System
• Pedestal enclosure
• Two 400 MHz Pentium II Xeon processors upgradeable to four processors
• 2 GB of memory upgradeable to 8 GB
• Smart Array 3100ES RAID controller
• 50 GB RAID disk storage (expandable to a maximum of 109 GB)
• 4/8 GB DAT drive
• 12/24 GB DAT drive
• CD-ROM drive on internal SCSI bus
• Integrated PCI Video controller with 2 MB of memory
• 17-inch color monitor, mouse, and keyboard
• Netelligent Dual 10/100 Mbit Ethernet controller
• Windows NT 4.0 Server License
• All necessary cables
• System integration and test

In the event that your requirements exceed the capacity of the standard pre-packaged offering, *Custom*Systems can create custom configurations to support complex implementations.

Factory integration

Each platform is integrated at our ISO 9001 facility and contains everything you need including the processors, Windows NT operating system, memory, high-performance storage, networking gear, and all the cables and connectors to tie it all together.

In addition, the disk configuration is fully factory implemented and pre-configured for optimal installation of SAS Enterprise Miner software.

When it arrives at your site the ProLiant Warehouse Miner system is ready to run and load SAS Enterprise Miner software. Installation services are also available.

Smooth implementation

To ensure that ProLiant Warehouse Miner fits smoothly into your environment, consultants from Compaq's Advanced Data Mining Center in Austin, Texas, and the SAS Institute can work with you to design and deploy a totally integrated data-mining solution.

Service and support

Compaq can also provide a wide range of services and on-site support to ensure very high availability for your mission-critical systems and applications.

For more information

To learn how you can put the capabilities of the ProLiant Warehouse Miner solution to work for you, contact your Compaq account representative or send e-mail to **customsystems@digital.com**

Visit us on the Web at **www.compaq.com/customsystems**