Brief Description of SAS Products

The SAS SYSTEM provides modular applications that are fully integrated and that are built around the four primary data-driven tasks common to any application: data access, data management, data analysis and data presentation.

SAS/IntrNet integrates the SAS System and the World Wide Web.   It provides both Common Gateway Interface (CGI) and Java technologies for building dynamic Web applications and data and compute services that allow users to access and execute re

SAS/SECURE: SAS Institute now provides encryption services to increase the security of transmissions across a network. SAS/SECURE software makes use of the cryptographic services provided by RSA's Bsafe and Microsoft's CryptoAPI ciphers and is subject to export regulations. Alternatively, a form of fixed encoding is delivered with Base SAS software with no export restrictions.

IT Service Vision from SAS is an enterprise-wide approach to IT service reporting. This solution enables IT to speak" to business by aligning IT direction with the corporate bottom line, while bridging organizational gaps. And IT Service Vision handles more than 1,000 sources of unique service components.

An IT performance management solution that addresses the entire spectrum of services -- systems, networks, Web servers and phone systems. One that has everything needed to warehouse and analyze data. Especially valuable for e-marketers who need to track Web site visitors, assess traffic flow through a Web site, and use that information to enhance the Web experience for customers. Web optimization using IT Service Vision combines performance reports and capacity planning forecasts to help businesses plan capacity requirements and eliminate downtime for their e-business pages.

Enterprise Guide is an easy to use, task based, Microsoft familiar graphical user interface. This Windows client connects to any Version 8 SAS System Server and allows users to access any data types supported by the SAS system, utilize the execution power of that machine to run any SAS processes, and return professional reports and graphics to the user's PC.

Enterprise software provides an interface designed with a Microsoft Office look and feel. With a familiar palette for report design, users can paint, preview and publish reports, while the system takes care of the data.

Integration with SAS/Warehouse Administrator software provides an end-to-end warehouse solution by giving the administrator a tool for documenting the contents of the data warehouse. Enterprise Reporter is the users' window to the warehouse fulfilling their information needs for
creating reports on paper, or the Web.

SAS/Access interfaces enable SAS solutions to read, write, and update data regardless of its native DBMS or platform. SAS/ACCESS software currently provides direct and transparent access from SAS to the following databases and Enterprise Resource Planning (ERP) systems:

    SAS/ACCESS Interface to ADABAS
    SAS/ACCESS Interface to Baan
    SAS/ACCESS Interface to CA-DATACOM/DB
    SAS/ACCESS Interface to CA/IDMS
    SAS/ACCESS Interface to CA-OpenIngres
    SAS/ACCESS Interface to IMS-DL/I
    SAS/ACCESS Interface to Informix
    SAS/ACCESS Interface to PC File Formats
    SAS/ACCESS Interface to R/3

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SAS/AF (Interactive Applications Development) software can be used to create user-friendly interactive windowing applications that give users quick, easy access to current information.   And, since the SAS System is portable across hardware platforms, applications developers need only create an application once. All the development work can be done on one platform and then ported to other environments with little or no modification.

SAS/AF software offers an object-oriented applications development environment. It includes a programming language designed to facilitate the development of interactive applications.   SAS Screen Control Language (SCL) provides the power and flexibility to build all types of applications, from simple programs that automate an end user's workload to sophisticated systems that integrate features of multiple procedures and components.

Applications developers can use SCL to: Create data entry applications, display tables, menus, and selection lists, generate SAS source code and submit it to the SAS System for execution, and generate code for execution by the host operating system's command processor.

SAS/ASSIST software provides templates for help getting started, and also offers a cross-functional approach to task completion--all within a client/server enabled environment.

The menu screens within SAS/ASSIST software are powered by common sense keywords. The software aids in the completion of tasks with features such as identification of required fields and selection lists to prevent user error. In the background, documented SAS code is being generated automatically and can be saved. SAS/ASSIST software provides tools for code management tasks such as editing and executing code interactively or in batch

The software has extensive report writing capabilities with templates to popular report types.   A report builder environment enables the user to interactively build and shape a report (e.g. changing a report from a listing to a summary report with group subtotals, creating new variables as needed, adding and deleting columns).   The software provides graphics templates and the graphics editor to further enhance output.

 SAS/ASSIST software includes tools which allows the user to generate Structured Query Language
 (SQL) queries and reports with minimal effort and little or no knowledge of SQL or SAS System
 sS System

The software provides such EIS "basics" as point-and-click menus with pull-down windows...access to native host applications such as EMAIL...data-sensitive drill down, what-if analyses, exception reporting, and multidimensional data viewing and analysis, and graphical display of critical success factors and grouped bar charts.

SAS/EIS software takes advantage of object-oriented applications development (OOAD) technology by allowing the use of blocks of already existing code to build new, customized applications.   Ready-made objects that represent complete parts of applications can be assembled into complete systems without the need for programming.

In addition to business reporting objects, SAS/EIS has an additional 30+ pre written objects enabling the user to front-end the rest of the SAS System with SAS/EIS software.

SAS/ETS: Integrated capabilities for time series analysis and forecasting, econometrics and systems modeling, financial analysis and reporting, and access to financial databases

With the SAS/ETS software, the user can analyze or predict processes that take place over time. The software can be used to access commercial time series databases, forecast future values of time series, perform time series regression and analysis, analyze and compare different kinds of cash flows, model complex dynamic systems, and much more.

It is easy to access commercially available economic and financial time series data with SAS/ETS software. Data can be extracted directly from files supplied by government and commercial data vendors and then converted to SAS data sets. The user can use the SAS System to extract time series data from commercial data vendors such as HAVER);ernment and d
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The graphics editor is an interactive application for modifying graphs produced with SAS/GRAPH software or imported from other graphics software. It allows the user to change graphics objects already displayed in a graph--

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leaves. Business process reengineering requires an understanding of existing processes as well as new process design. Process flow and modeling tools are helpful in graphically portraying existing processes vs. proposed implementations. To help with this, the SAS System provides a point-and-click graphical user interface for creating process flow diagrams (PFD). The PFD object is
available in SAS/AF software.

SAS/SHARE is a data server that allows multiple users to gain simultaneous access to SAS files. Working hand-in-hand with other SAS components, SAS/SHARE anticipates the many combinations of hardware that might be needed to access a user's data at any given moment, then locates and delivers the data to meet these multiple requests. And it's all transparent to the user.

SAS/SHARE is ideal for applications that require constant data updates and are accessed by many different users. It supports the same SAS security features, as well as additional security for server operations, including native host

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