
Product Catalog



The Enterprise Software Company™

Table of Contents

Enterprise Operations Management		
1.1 Workload Management	1	
ASG-Zeke™		
ASG-Zeke Open Edition™		
ASG-Zebb™		
ASG-OASIS™		
ASG-OASIS/DMS™		
ASG-Batch Bridge™		
ASG-Workload Scheduler™		
ASG-Workload Planner™		
ASG-Workload Analyzer™		
ASG-Cortex Plan™		
ASG-Cortex Prep™		
1.2 Media Management	2	
ASG-Zara™		
Tantia™ Network Storage Manager		
Tantia™ Data Distribution Manager		
Tantia™ Storage Monitoring Manager		
Tantia™ Storage Optimization Manager		
Tantia™ DFSMS HSM Manager		
1.3 Console Management	4	
ASG-Zack™ for VSE		
ACE™		
1.4 Systems Management	4	
ASG-PreAlert® MVS		
ASG-ISPF Session Manager™		
ASG-CMSDOS™		
ASG-DCM™		
1.5 JCL Management	5	
ASG-JCLPREP®		
ASG-Doc-Aid®		
ASG-Cortex-Pdb™		
BETA 77* Process Setup Manager		
ASG-Cortex MI Suite™		
ASG-Cortex MS™		
ASG-Cortex RE™		
1.6 Documents Management	6	
ASG-Report.Web		
BETA 91* Workload QA		
BETA 92* Process History Manager		
BETA 93* Document Distribution Manager		
BETA 94* Distributed Print Manager		
BETA 97* Document Index & Research Manager		
BETA 99* Distributed Document Library		
1.7 Network Management	7	
Harris Network Manager®		
ACE SNMP™ for NT		
1.8 Service Management	7	
ASG-IMPACT®		
ASG-IMPACT® Customization Facility		
ASG-IMPACT® Web		
ASG-IMPACT® Automation Services		
ASG-IMPACT Expert™		
ASG-Server Facility™ (ASF)		
ASG-ISPF Session Manager™		
ASG-Message Center™		
ASG-KnowledgeWave™		
Timbuktu Pro™		
FirstSense Enterprise™		
PATROL®		
1.9 Data Transfer Management	9	
ASG-Outbound Express™		
ASG-Outbound Enterprise™		
ASG-Sync™		
Tantia™ File Transfer Manager		
ASG-MQ SQL Express™		
ASG-MQ Database Envoy™		
ASG-MQ Envoy™ for DB2®		
ASG-MQ Developers Assistant™ for OS/390		
ASG-MQ Developers Assistant™ for CA-IDMS®		
1.10 Security Management	11	
Open e-Security Platform™		
e-Security Administrator Workbench™		
e-Security Management Desk™		
BETA 87* Distributed Security System		
BETA 88* RACF Manager		
1.11 Data Center Automation	12	
ASG-ODE®		
ASG-Adders®		
ASG-Adders® PC		
ASG-KeyPlus®		
ASG-ODE® PC		
ASG-Guest™ APT		
ASG-Guest™ IDT		
ASG-Guest™ SMS		
ASG-Spell™		
ASG-FCopy™		
ASG-Paint™		
ASG-Tempman™		
ASG-Sysargos™		

Enterprise Applications Management

2.1 Business Intelligence 14

- ASG-Safari InfoServer™
- ASG-Safari InfoTools™
- ASG-Safari ReportWriter™
- ASG-Safari Administrator™
- ASG-Safari OpenAccess™
- ASG-Safari ODBC Interface™
- ASG-Safari 4GL™
- ASG-Safari UDMS™
- ASG-Safari.OLAP™
- ASG-Safari WebCast™

2.2 System Analysis 16

- ASG-Vista™
- ASG-VPM™
- ASG-Estimate™
- ASG-Alliance™
- ASG-Insight™

2.3 Application Development 17

Editing

- ASG-Smart Edit™
- ASG-Encore™
- ASG-AutoChange™
- ASG-Bridge™
- ASG-Favorites™

Testing

- ASG-SmartTest™
- ASG-SmartQuest™

Documenting

- ASG-SmartDoc™
- ASG-Recap™

2.4 Repository Management 19

- ASG-Rochade™
- ASG-MethodManager™
- ASG-Web Enabler™
- ASG-Autopilot™

2.5 Change Management 20

- ASG-Life Cycle Manager™
- ASG-LIBR™

2.6 CICS Management 20

- ASG-CATS™
- ASG-CSD/Auditor™

Database Management

3.1 IDMS Management 21

- ASG-Replication Suite™
- ASG-Journal Manager™
- ASG-Replication Agent™
- ASG-Tracer®
- ASG-Table Designer™
- ASG-Rascle™
- ASG-Virtual DB™
- ASG-Testing Suite™
- ASG-Assure™
- ASG-Tracer®
- ASG-Journal Manager™
- ASG-PreAlert®
- ASG-Fast Access®
- ASG-SIRF®
- ASG-DBOL™
- ASG-XADC®
- ASG-PageFix™
- ASG-RTU™
- ASG-Rainbow™
- Sybase® Direct Connect™

3.2 DB2 Management 24

- ASG-SEdit DB™

3.3 VSAM Management 24

- ASG-SEdit MVS™

Enterprise Operations Management

ASG's Enterprise Operations Management solutions are the top of their class and are easy to use. We've developed and focused these products to provide the benefits you need most: 24x7 system events monitor, automated tape management, rerun/restart management, assurance of across-the-board enforcement of JCL standards, automated job scheduling and software configuration management as well as compliance with the most widely-used, third-party interfaces. Let ASG show you the benefit of switching to our powerful, easy-to-use operations management tools.

Workload Management

ASG-Zeke™ MVS and ASG-Zeke™ VSE

Considered the number one automated job scheduler on the market, ASG-Zeke schedules and submits events at machine speed, automatically responding to job messages and monitoring every aspect of your job schedule—24 hours a day. ASG-Zeke dynamically schedules and dispatches batch jobs to automate production workloads by testing for available resources. ASG-Zeke gives you wide-ranging functionality, including system command scheduling, automatic variable substitution, step-level condition code validation, workload balancing, schedule forecasting and simulation, SAF security, optional SMP/E install, support for multiple JCL and other utilities. Additionally, ASG-Team Agents for NT, UNIX, OS/400, Tandem and VMS can manage your distributed workload, allowing you to schedule and trigger events locally.

ASG-Zeke Open Edition™

E-business, data warehousing, Customer Relation Management (CRM), Enterprise Resource Planning (ERP), file transfers and billing...all these and more are now critical applications, vital for the functioning of your company, and increasingly need to be batch processed. ASG-Zeke Open Edition™, the multi-platform batch scheduler, makes it possible to create applications, to manage their life cycle and to automate and monitor their execution while still allowing intervention, either automatic or manual, in accordance with events.

ASG-Zebb™

Tired of wasting your time manually restarting or rerunning a job? Now you can use your time wisely with ASG-Zebb—a comprehensive job rerun/restart management system that handles reruns automatically, without changes to JCL. It automatically recognizes when an abended job is being rerun and restarts it at the most logical point—at the point of failure or another place in the job.

ASG-OASIS™

ASG-OASIS (Open Architecture Management System Solution) is a collection of facilities that provide common system functions for ASG mainframe automated operations applications. This integrated approach allows applications to be transported between operating systems such as MVS, VSE and CMS. The OASIS architecture is constructed of individual components used by the applications ASG-Zeke, ASG-Zack, ASG-Zara and ASG-Zebb to provide uniform processing. Centralized OASIS variables, for example, can be used to communicate information among applications. Additional OASIS components include a centralized audit utility, a REXX customization facility for the enterprise and an interface to external security products such as RACF.

ASG-OASIS/DMS™

ASG-OASIS/DMS (Distributed Management Server), an optional feature of ASG-OASIS, is an inter-application delivery system that allows applications in a distributed environment to communicate and share information from separate operating systems. OASIS/DMS transports information between applications through a VTAM communication interface, using SNA/APPC and TCP/IP protocols. With OASIS/DMS, specific application features can be used in a network environment rather than be restricted to a single CPU or a shared DASD environment. Using OASIS/DMS, applications share information, reducing manual time and effort to keep multiple applications updated with accurate operational and database information.

ASG-Batch Bridge™

ASG-Batch Bridge provides the missing link between existing schedulers and distributed applications. ASG-Batch Bridge consists of a mainframe component that is transparent to existing scheduling systems. It acts as an interface between JES and workload scheduling agents on distributed platforms such as UNIX, LINUX and NT. The job to be submitted on an NT or UNIX machine is defined to your existing scheduler like any other job. ASG-Batch Bridge submits the job on the correct platform and monitors its progress. Upon job completion, the completion code of the distributed job is passed back to the existing scheduler. The existing scheduler decides how to continue based on this completion code. Additionally, job output can be redirected from the distributed platform back to the ASG-Batch Bridge job.

ASG-Workload Scheduler™

ASG-Workload Scheduler is a full function scheduler that provides all of the functionality required by today's complex data center. It provides mechanisms to define, manage, execute and monitor complicated workloads. In addition, it eases full cross-platform scheduling between the mainframe and UNIX and/or NT workstations and servers. What makes ASG-Workload Scheduler unique is that it provides all of this functionality while maintaining its easy-to-use design.

ASG-Workload Planner™

ASG-Workload Planner reduces the complexity of the data center by translating the textual reporting of scheduling systems into easy-to-use graphs. ASG-Workload Planner takes the complex information contained in the scheduling system's database and provides it to the data processing staff in the form of interactive flowcharts. The forecast information, which is also collected from the scheduling system, is used to create a series of graphs representing the predicted performance of the scheduled processing. By using ASG-Workload Planner, the data center can understand its complex schedule and predict its performance.

ASG-Workload Analyzer™

With its ASG-Workload Analyzer, ASG offers data centers an innovative graphical tool to track its processing performance. Using ASG-Workload Analyzer, the data center staff can analyze the processing as well as detect problem areas. The data center no longer spends hours analyzing data with homegrown analysis programs. With ASG-Workload Analyzer, workload analysis and tracking information is available in easy-to-interpret graphs.

ASG-Cortex-Plan™

ASG-Cortex-Plan is a sophisticated MVS scheduler that plans, schedules, submits and monitors DP production. ASG-Cortex-Plan is part of the ASG-Cortex-OMS™ (Operations Management System) suite.

ASG-Cortex-Prep™

ASG-Cortex-Prep is a system that provides interactive preparation of jobs and, when required, is able to automatically rerun and restart jobs. The Autoprep option computes values for job variables that depend on a calander or job plan. ASG-Cortex-prep is part of the ASG-Cortex-OMS™ (Operations Management System) suite.

Media Management

ASG-Zara™

ASG-Zara is an automated tape management system that monitors, manages and records all tape processing, while also offering online, realtime access to tape management data. With ASG-Zara, you and your technical staff can get started right away with easy-to-use, formatted screens, simple operator commands and online options for customizing the system. ASG-Zara tracks the physical location as well as the dataset contents on every volume, determines tape status and performs its own database maintenance. Whether in the data center or off-site, you get access to this information through online displays or hardcopy reports.

Tantia™ Network Storage Manager

Network Storage Manager (NSM) is the leading storage management solution for enterprise systems. NSM sets the standard for the management and protection of mission-critical data by providing backup/recovery, archive/retrieve and automated disaster recovery for your enterprise. NSM features a Windows-based GUI and supports add-on agents for online backup and recovery of Oracle, SAP R/3, Microsoft SQL Server, Microsoft Exchange Server, Lotus Notes, Sybase, and Informix. Realize a new level of functionality and performance with NSM, the essential backup and recovery solution for your enterprise.

Tantia™ Data Distribution Manager

The BETA 53 Data Distribution Manager solution provides a highly automated, intelligent approach to the distribution of software, files and other objects. BETA 53 meets the businesses needs of today by being scalable, flexible, reliable and manageable. BETA 53 provides organizations with the power to manage cataloging, upgrading and installation, as well as de-installation of applications, data files and software packages for desktops and servers.

Tantia™ Storage Monitoring Manager

BETA 54 Storage Monitoring Manager is a solution for monitoring your entire silo clusters in real-time. Not only does BETA 54 monitor and control contents of the various libraries, it also processes all relevant information from the corresponding mainframe environment including your tape management system for process control and monitoring of the tape silos. Its cutting edge technology empowers BETA 54 to capture the wide range of status information by delivering facts that are clear and easy to understand. From one centralized point, this PC-based monitoring tool helps optimize Automated Cartidge System (ACS) and tape cluster management.

Tantia™ Storage Optimization Manager

BETA 55 is an integral component of your total storage management system. It interfaces ideally to today's standard tape management systems and automated tape libraries. BETA 55 uses data from your tape manager, ATL, and external data manager (EDM, such as DFSMSHsm) to find the right combination of datasets and cassettes for stacking. BETA 55 offers various options for directing the stacking process depending on whether you want to maximize on time, tape usage or scratch tapes. For example, you need to save all the slots you can in your smaller backup ATL. If you've got the time, have BETA 55 stack in order to optimize tape usage. If you only need to free up some slots quickly, BETA 55 will use a different stacking method and finish in the allotted time. BETA 55 uses standard high-speed copy utilities for stacking. Datasets are recataloged after every copy so that there's no data lost if the stacking process is interrupted.

Tantia™ DFSMS HSM Manager

Your interpreter for Harbor Systems Management (HSM), BETA 85 displays information on all HSM-managed volumes: primary, ML1, ML2, backup and dump cartridges. It also displays this data according to a specific migration or backup date and time, or according to a specific dataset or volume. Instead of lengthy and complicated HSM log files, BETA 85 displays information in well-structured panels. Its sort and filter capabilities allow the user several variants for evaluation. BETA 85's line commands are easy to use, and the command and macro interface provide a simple method for invoking HSM commands. BETA 85 shows information on recovery and recall, deleted datasets — in short, any information you need to find your files, how and when backups were made and how to retrieve them. BETA 85 provides information such as SMS class, creation date and storage location. Additionally, you can verify if and how many backups of single volumes exist and perform a fast file search utilizing weekly or monthly dumps.

Console Management

ASG-Zack™ for VSE

An automated systems operations tool, ASG-Zack continually monitors all console activity and events, 24 hours a day, seven days a week, handling routine events independently and alerting the operator to any situations that demand attention. Furthermore, you have the opportunity to program the computer to run unattended in your data center, freeing up time for systems operators to concentrate on more pressing tasks. For added efficiency, ASG-Zack runs side-by-side with ASG-Zeke and triggers events and jobs under ASG-Zeke control.

ACE™

ACE combines multiple consoles from multiple platforms into one, consolidated screen. This means only one systems operator is needed to man the console, allowing other operators to concentrate on more productive tasks. Furthermore, ACE automates time-consuming or error-prone operator procedures to improve overall system throughput, reliability and availability. ACE interfaces directly with ASG-IMPACT.

Systems Management

ASG-PreAlert® MVS

Take control of your MVS environment with ASG-PreAlert MVS. ASG-PreAlert MVS is a realtime control system that monitors the entire operating environment, displays critical operating data, comprehensive wait analysis, storage and address space analysis. ASG-PreAlert MVS exception analysis ensures that your data center is ready to meet service level objectives at any time. Integrated with ASG-PreAlert for CA-IDMS, ASG-PreAlert MVS offers unparalleled monitoring capability.

ASG-ISPF Session Manager™

If your ISPF-based users need a platform for efficiently incorporating numerous ISPF-based applications, then look to ASG-ISPF Session Manager. ASG-ISPF Session Manager interfaces with TSO to allow multiple ISPF users to share a TSO address space. TSO normally requires one MVS address space per user, but with ASG-ISPF Session Manager, up to twenty users can share, or execute within, a single TSO address space. Furthermore, the numerous system resources normally required to support TSO/ISPF users are reduced when using ASG-ISPF Session Manager. (This product requires ASG-Server Facility.)

ASG-CMSDOS™

If you are looking to save disk space and eliminate system errors, ASG provides the ASG-CMSDOS solution. ASG-CMSDOS allows users to run application programs and compilations in the CMSDOS environment, directly accessing VSE libraries without the need for VSE to be running. Errors are reduced and disk space is freed because there is no longer a need to have duplicate copies of members on your system.

ASG-DCM™

Would you like to free up the time and resources of your operations department? ASG-DCM allows users to display information about dataset ownership status and current contention conditions at their own terminal without having to ask for assistance from the operations staff. ASG-DCM also automatically provides online notification about dataset contention problems so your staff is always in-the-know.

JCL Management

ASG-JCLPREP®

ASG-JCLPREP provides a comprehensive JCL management solution that automates corrections, standards enforcement, conversion and tuning while eliminating hours of exhaustive COBOL or Assembler programming. Flexible and easy-to-use, ASG-JCLPREP streamlines operations, improves the productivity of all data center personnel and reduces production system downtime through elimination of errors. ASG-JCLPREP serves as the industry standard for complete JCL management. ASG-JCLPREP interfaces with ASG-Vista for a complete view of your JCL Enterprise.

ASG-Doc-Aid®

ASG-Doc-Aid presents an automated solution for creating and maintaining job documentation. With today's transformation from the mainframe to countless platforms and frequent changes in job roles, ASG-Doc-Aid simplifies the maintenance of accurate data. It eliminates the strain of remembering what information to document and organize by providing a description of every data set, file, or other job component in writing and provides accurate and complete procedures. ASG-Doc-Aid enables you to utilize your staff's talents for other functions that are critical to your organization.

ASG-Cortex-Pdb™

ASG-Cortex-Pdb is both an operations management repository and a JCL generator. ASG-Cortex-Pdb is the core of the ASG-Cortex-OMS™ (Operations Management System) suite. Acting as the central knowledge database for your operations site, the repository includes a compiler of object descriptions that generates JCL and all other process flows in accordance with your set of standards. You can use the compilation process to load the database of ASG-Cortex-Plan, Asg-Zeke, or any other job scheduler. ASG-Cortex-Pdb manages several environments with various standards (such as test and production) and facilitates the process of moving applications into production. The Security Manager option secures the various objects documented in the operations repository, according to the required level of grouping.

BETA 77* Process Setup Manager

This system offers an efficient, automated method for planning, creating, organizing and standardizing JCL. Menu-driven JCL management, online job preparation and standardized naming conventions help to better organize job preparation and job management in the data center.

ASG-Cortex-MI™ Suite

ASG-Cortex-MI consists of two migration products: ASG-Cortex-MS™ and ASG-Cortex-RE™. Generally, the switchover to the Cortex model can be accomplished in a single weekend, ensuring that operations and development are not disrupted. The migration products load the Pdb operations repository and enable ASG-Cortex-Pdb to generate highly standardized JCL the load a job scheduler's database, if required. After migration, you can install additional ASG-Cortex-OMS (Operations Management System) functions to enhance productivity and overall control.

ASG-Cortex-MS™

ASG-Cortex-MS is the standard, world-leading VSE to MVS migration solution which converts, en masse, VSE programs, JCL and files to MVS.

ASG-Cortex-RE™

ASG-Cortex-RE loads the Asg-Cortex-Pdb repository with the analysis data of your current MVS operations and helps you ensure the implementation of new JCL standards.

Documents Management

ASG-Report.Web

ASG-Report.Web™ is a comprehensive print replacement solution for host and ERP reports that has been architected from the ground-up for the Web. At the heart of ASG-Report.Web is the Enterprise Server, a powerful and robust engine which automates the entire process of delivering host-generated reports to the web--from their transfer off of the host computer to their publication onto the corporate intranet/Extranet. Low-cost and easy to install, ASG-Report.Web guarantees quick ROI.

BETA 91* Workload QA

If you're serious about data quality, your best line of defense is a standardized, automated system for detecting errors. BETA 91 Workload QA is a leading tool for controlling data quality and verifying production input and output. With BETA 91 you can automate the balancing and control functions you currently have in place, build in even more control points, and write in calls from your new applications. Strategically placed, your network of control points and program calls will provide the most rigorous data quality control available today. Used in some of the biggest data centers in the world, BETA 91 delivers enough power and flexibility to satisfy even the highest standards.

BETA 92* Process History Manager

If it's smooth and on-time IS production you want—without any interruptions or failures—you need BETA 92. BETA 92, Process History Manager, is a unique solution for reviewing, analyzing and archiving system output, designed to give your enterprise a competitive advantage by significantly saving time and money. BETA 92 ensures optimal management of your output and is capable of handling over 100,000 jobs a day. Want to check a current job? BETA 92 first displays all the relevant information in the job log. Then it includes a summary of the job process, job step names, condition codes concluding the job, any error messages data regarding the resource usage of the job as well as the logs the job created.

BETA 93* Document Distribution Manager

BETA 93 Document Distribution Manager is the powerful standardized tool needed for managing the vast process of document distribution. BETA 93 gives you all the benefits of airframe processing: Archiving facilities are reliable and cost-effective. Document distribution is highly flexible. Maintenance is centralized and efficient. The product's overall performance is very strong, and it combines its features with important advantages of decentralized processing. User-friendliness and a high degree of flexibility let you adapt BETA 93 to your company as it grows and changes.

BETA 94* Distributed Print Manager

Whether your organization has a normal amount of printing or is a high-volume printing shop, the well-organized control of output spools and printers in distributed networks is a big challenge. Today's enterprises need a powerful open system-based, automated solution to meet their document distribution demands. While traditional spoolers are tied to the host, BETA 94 Distributed Print Manager introduces print spooling for the network in a client/server, enterprise-wide solution. BETA 94 enables you to control your network of printers and spool output in an organized manner—automatically, efficiently and reliably.

BETA 97* Document Index and Research Manager

BETA 97 Document Index and Research Manager is a new tool for automatic indexing of large volumes of data. BETA 97 was designed to work seamlessly with BETA 93 Document Distribution Manager. This integrated output management solution supports facilities for archiving, indexing and reloading data needed for display, distribution or printing.

BETA 99* Distributed Document Library

BETA 99 Distributed Document Library is an integrated document management system that collects and archives, manages and distributes the enterprise's important documents. A distributed system with a three-tier architecture, the product uses a standard SQL database system to store the document management information, providing the flexibility to use today's standard relational data-base systems.

Network Management

Ensuring uninterrupted network performance is crucial in any business these days—especially yours. It is crucial for network engineers to quickly detect, evaluate and respond to changing network conditions. ASG and Harris Corporation offer Harris Network Management to quickly and efficiently monitor and trouble-shoot networks.

Harris Network Management®

Harris Network Management (HNM) offers a single, easy-to-use interface to manage all devices (SNMP and non-SNMP) in your network down to the card level from one single console. Its graphical display, with drill-down capability, visually identifies and evaluates network alerts for faster response time. HNM interfaces directly with ASG-IMPACT.

ACE SNMP™

The ACE-SNMP Web Based Management System is an advanced SNMP network manager, and remote network monitor system providing real-time status, event detection, event management, historical analysis, and a suite of powerful diagnostic and configuration tools for managing and maintaining small or large TCP/IP networks. Using ACE-SNMP, network administrators can achieve complete visibility of an SNMP capable network, and be automatically notified of network anomalies and threshold violations with high level diagnostic messages. Most importantly, ACE-SNMP Web Based Management is completely run by your Web browser, from any location on the network. This achieves a long sought solution for how to securely manage SNMP devices from a remote location on a public internet.

Service Management

ASG provides visionary solutions for your distributed service desks. Our ASG-IMPACT technology cooperatively supports a distributed computing environment—from receiving the call, to tracking compliance with service level agreements, to providing help-yourself solutions on the web—you won't find a more comprehensive suite of Consolidated Service Desk (CSD) products.

ASG-IMPACT®

To help manage the distributed computing environment as a strategic business asset, ASG-IMPACT consolidated service desk offers the first open-architecture, cross-platform software for handling the increasingly complex technology needs of internal customers. Recommended by leading industry analysts, ASG-IMPACT provides comprehensive tracking and resolution of service calls and problems—linking multiple, independent help desks throughout the organization for prompt response and resolution.

ASG-IMPACT® Customization Facility

ASG-IMPACT Customization Facility allows an enterprise to tailor ASG-IMPACT to its unique data and presentation requirements using the Screen Painter, Data Dictionary and System Generation tools. Create, update, delete, move and copy presentation text, database variables, buttons, group boxes and so forth and display the impact of those changes.

ASG-IMPACT® Web

ASG-IMPACT Web provides a Help Yourself Desk capability to ASG-IMPACT. Through ASG-IMPACT Web, users have the ability to open and update service desk and problem records and display the status of open issues right from their desktops. ASG-IMPACT Web extends ASG-IMPACT functionality and increases the productivity of staff while reducing costly and time-consuming phone interactions with service desk staff. Users can also send messages via e-mail, phone, fax and electronic page through ASG-IMPACT Web by using companion products: Automation Services, Server Facility, and Message Center.

ASG-IMPACT® Automation Services (IAS)

ASG-IMPACT Automation Services (IAS) is a real-time facility for automatically creating ASG-IMPACT records and automatically sending enterprise-wide notification messages to the appropriate service personnel by TSO send, network pop-up, e-mail, voice, fax and electronic pager.

ASG-IMPACT Expert™

ASG-IMPACT Expert delivers help-yourself capabilities to reduce training costs and improve customer support response and efficiency. Integrated so that it can be started from within the LAN environment, and Web-enabled via ASG-KnowledgeWave, ASG-IMPACT Expert provides instant online guidance for service desk personnel. It helps them gather the appropriate information concerning a particular expert question and provide an answer or resolution. ASG-IMPACT Expert can be tailored to fit site-specific situations and can even be used throughout the entire organization for making decisions beyond service desk issues.

ASG-Server Facility™ (ASF)

Keep communication flowing not only between customers and service desk personnel but between all hardware and software in your enterprise with ASG-Server Facility (ASF). ASF provides uninterrupted access to server functions and acts as a monitor for all events that take place in your system.

ASG-ISPF Session Manager™

If your ISPF-based users need a platform for efficiently incorporating numerous ISPF-based applications then look to ISPF Session Manager. ASG-ISPF Session Manager interfaces with TSO to allow multiple ISPF users to share a TSO address space. TSO normally requires one MVS address space per user, but with ASG-ISPF Session Manager, up to twenty users can share, or execute within, a single TSO address space. Furthermore, the numerous system resources normally required to support TSO/ISPF users are reduced when using ASG-ISPF Session Manager. (This product requires ASG-Server Facility)

ASG-Message Center™

Ensure prompt notification of problems opened in ASG-IMPACT with ASG-Message Center. ASG-Message Center allows your system to deliver service notification messages to pre-determined data center personnel and support staff via your choice of e-mail, TSO or network SENDs, telephone, fax or electronic pager. By working with ASG-IMPACT Server Facility and ASG-IMPACT Automation Services, ASG-Message Center helps to ensure that no problem gets overlooked and no customer forgotten.

ASG-KnowledgeWave™

In the age of the realtime, hard-to-satisfy customer, ASG-KnowledgeWave provides a powerful tool for developing Internet web applications that interact intelligently with users. ASG-KnowledgeWave helps administer service to customers automatically, eliminating incoming call queues and minimizing the need for callbacks. By helping customers help themselves, ASG-KnowledgeWave delivers better customer service at less cost, transforming a web site into a 24x7 customer service center.

Timbuktu Pro™

Timbuktu Pro provides remote control of your network servers and desktops to perform diagnostics, distribute software, make upgrades and changes—all with end-user control and security.

FirstSense Enterprise™

FirstSense Enterprise offers state-of-the-world diagnostics to monitor individual customer service performance at the desktop. FirstSense Enterprise automatically collects application response time information from the user's perspective, understands current application performance based on actual end-user experiences, and sets achievable application service levels to manage against. In turn, the user is able to generate service level reports to determine application health for tactical IT decision making. FirstSense Enterprise interfaces directly with ASG-IMPACT.

PATROL®

PATROL is the industry leader for system management in complex computing environments. PATROL provides simplified, automated administration for the wide variety of components that make up the distributed enterprise. The newest version of PATROL provides a simple, GUI-based installation procedure, centralized storage, versioning and deployment, enhanced support for Windows NT and increased security

Data Transfer Management

ASG's data movement products are the best-of-breed. We know you take data movement seriously and so do we. We understand the increasing importance of on-demand data movement capabilities, data sharing, and the need for fast, reliable, one-step transfers in today's complex, networked environments.

ASG-Outbound Express™

ASG-Outbound Express enables users to run file transfers unattended, without manual intervention, any time of the day or night. ASG-Outbound Express' easy-to-use GUI allows PC users to transfer data from the mainframe to any platform in the enterprise, increasing user access and productivity while ensuring the optimum transfer of data when and where it is needed.

ASG-Outbound Enterprise™

ASG-Outbound Enterprise provides peer-to-peer data movement and transformation by consolidating data transfer mechanisms and software into a single, enterprise-wide solution for moving data across platforms. Transfers can be made to and from mainframe, UNIX and Sun Solaris platforms, and PC platforms such as Windows NT and Windows 95, OS/2, and Novell NetWare® using SNA or TCP/IP protocols, facilitating much faster, more efficient data sharing throughout the enterprise.

ASG-Sync™

ASG-Sync manages batches of application data that it stores in a "data well," an extension to the MVS catalog. ASG-Sync collects, stores, and distributes batches of data, which are sent to and received from remote computer sites, workstations, CICS, or other DP applications. ASG-Sync prevents any batch of data from being omitted, used in duplicate, illegally accessed, or lost.

Tantia™ File Transfer Manager

In today's highly distributed computing environment, organizations need a high-speed solution that can secure, automate and intelligently manage the flow of mission-critical information. BETA 57, HARBOR File Transfer Manager, is designed to provide high-speed, automated, reliable and secure transfer of data between IBM OS/390 mainframes and open system servers.

Unleash the power and flexibility of IBM's MQSeries® with ASG's MQSeries Management solutions. Each solution increases the ability of organizations to leverage the power of the world's most popular enterprise messaging technology. Don't waste your time writing custom programs for common MQSeries functions; free your developers' time with ASG's software products for MQSeries Management.

ASG-MQ SQL Express™

Imagine being able to apply SQL updates, from your e-commerce web server or anywhere else in your MQSeries network, to your DB2 databases with sub-second response times and no need for any programming. With ASG-MQ SQL Express, it's a reality! You can even apply SQL to remote DB2, Oracle, Sybase, MS-SQL Server or Informix databases anywhere in your entire TCP/IP network.

ASG-MQ SQL Express runs as an OS/390 started task that retrieves messages in the form of SQL updates from a local or remote MQSeries queue. It connects to the target database and automatically applies the SQL updates. The SQL updates can originate from one of the ASG-MQ Envoy products or from any application program or other source, on or off your mainframe.

ASG-MQ Database Envoy™

Automatically load Oracle, Sybase, MS-SQL Server or Informix updates into your OS/390 MQSeries queues. ASG-MQ Database Envoy reads a file of ANSI-standard SQL updates created by ASG-Replication Agent or any other program. It then loads the records into an MQSeries queue. With no custom programming, combine ASG-MQ Database Envoy with ASG-Replication Agent and ASG-MQ SQL Express for a complete world-class CA-IDMS solution to Oracle, Sybase, MS-SQL Server, or Informix replication needs.

ASG-MQ Envoy™ for DB2®

Load DB2 updates or any other data into your OS/390 MQSeries queues automatically. Why develop and maintain your own programs for routine MQSeries tasks? Use a proven ASG solution instead. You can even combine ASG-MQ Envoy for DB2 with ASG-Replication Agent and ASG-MQ SQL Express for a complete world-class CA-IDMS to DB2 replication solution-with no custom programming. ASG-MQ Envoy for DB2 reads any OS/390 file of 80-byte records and loads them into an MQSeries queue. The records may be either ANSI-compliant SQL statements or any ANSI DDL requests.

ASG-MQ Developers Assistant™ for OS/390

Standardize your MQSeries programs while reducing programming time and training costs. Free your programmers from the complexity of the MQSeries programming interface with ASG-MQ Developers Assistant. It's like giving every developer his or her very own assistant, and it works with any OS/390 MQSeries-supported programming language. ASG-MQ Developers Assistant for OS/390 is easy to use from any batch or TSO program. It supports these functions: CONNECT to a queue manager, DISCONNECT from a queue manager, OPEN a queue, CLOSE a queue, GET a queue message, PUT a queue message, COMMIT a unit of work, or ROLLBACK a unit of work.

ASG-MQ Developers Assistant™ for CA-IDMS®

With ASG-MQ Developers Assistant for CA-IDMS, you won't need to do your DC MQSeries programming from scratch. Access the power of MQSeries from your COBOL, ADSO and Assembly language programs without needing to know intricate MQSeries programming rules.

ASG's MQSeries family integrates your CA-IDMS database with CGI scripts, Java applets, servlets and other web-based applications. Automatically convert data between ASCII and EBCDIC formats. Designed specifically for the CA-IDMS DC programming environment, ASG-MQ Developers Assistant supports these functions: CONNECT to a queue manager, DISCONNECT from a queue manager, OPEN a queue, CLOSE a queue, GET a queue message, PUT a queue message, COMMIT a unit of work or ROLLBACK a unit of work.

Security Management

Introducing the first integrated, automated and centralized enterprise security management system. Now you can protect your e-business activities and your investment in security products with a complete view of your security systems from a single, consolidated network monitoring console.

Open e-Security Platform™

The Open e-Security Platform (OeSP) is the foundation of the e-Security family of network security products. OeSP enables monitoring, detection, evaluation and response to enterprise-wide security events, from a single graphical console. Through OeSP, virtually all point security software and hardware products, regardless of vendor, can be integrated into a comprehensive security infrastructure. OeSP correlates output from a wide variety of security information sources—such as firewalls, intrusion detection systems (network-based and host-based), operating systems, anti-virus software, web servers, databases, badge readers and others—in realtime, to give a complete picture of the security status of the distributed security environment.

e-Security Administrator Workbench™

The Open e-Security Platform is supported by the e-Security Administrator Workbench (eSAW). eSAW provides security managers with a complete set of GUI tools for creating rule-based security agents. Using the standard SNMP protocol, these agents link multi-vendor security products with the Open e-Security Platform for monitoring and responding to security events across the enterprise network. eSAW agents enable the Open e-Security Platform to monitor security devices that may not themselves support SNMP communications. eSAW agents can be run on any Windows NT or Unix system connected to the network.

e-Security Management Desk™

The Open e-Security Platform and e-Security Administrator Workbench are complemented by the e-Security Management Desk (eSMD). eSMD provides the tools to effectively respond to security events. eSMD can record and track security alerts detected and reported by OeSP and automatically notifies responsible individuals and departments as security conditions arrant, and as situations change. (eSMD supports e-mail, telephone, fax and electronic pager notification.) eSMD ensures appropriate incident escalation and de-escalation and enforcement of security policy. If OeSP detects an attack on a firewall, eSMD can automatically initialize a routine that reconfigures the firewall to fend off the attack. It interfaces to knowledge bases and expert systems to help personnel resolve complex security-related problems and questions. Furthermore, you can implement security-related service level agreements for each department or operational unit. eSMD monitors actual performance against agreements, providing an auditable and objective measure of overall security effectiveness.

BETA 87* Distributed Security System

BETA 87 middleware harmonizes and synchronizes the security systems inherent to various operating systems and applications, making it easy to realize an enterprise-wide consistent security architecture. Integrating existing data, applications and system platforms is as easy as shielding new custom applications or off-the-shelf products. With BETA 87, an enterprise-wide view for every security instance—managers, auditors, administrators, developers and users—is a reality. An easy-to-use graphical user interface (GUI) lets you distribute user privilege definitions and allocations to the various target systems and platforms. Privilege allocation is based on role models, ensuring flexibility for organization and administration and focusing on the various employee tasks.

BETA 88* RACF Manager

Today's database security requirements are constantly shifting. With a steady stream of new applications, new datasets and new employees, RACF protection often falls short: commands are long and cumbersome; database maintenance is a chore; simply finding a profile is a time-consuming task. The BETA 88 RACF Manager is needed to simplify control and guarantee security. From a single point of administration, BETA 88 provides a complete overview of all RACF information. It locates any profile and generates complicated RACF commands instantly. Its powerful reporting facilities help provide database analysis and expose unprotected resources. With BETA 88, a RACF database remains clean, accurate and current.

Data Center Automation

At ASG, we realize that world-class organizations need data entry solutions. We provide those solutions with both online and batch data entry tools that are easy to install, support multiple platforms (including mainframe, mid-range, and PCs) and require minimum training. Plus, ASG data entry products let you set up and customize data entry jobs the way you want them done.

ASG-ODE®

For a powerful combination of reliable heads-down data entry, sophisticated facilities for system control, data entry application development and standard data entry activities, ASG offers ASG-ODE (Online Data Entry). ASG-ODE is user-oriented software that is as powerful and advanced as it is easy to use, making it ideal for novice and experienced users alike. ASG-ODE provides its own special language (ODG/L) that provides expanded edit and verification capabilities.

ASG-Adders®

ASG-Adders allows your data entry staff to key error-free data, thus reducing the time and expense involved with system shut-downs and repetitive handling of data. ASG-Adders allows you to perform sophisticated data checks against mainframe files and puts you, the user, back in control of your business. ASG-Adders is designed to allow the entry of data directly onto your mainframe. Validation occurs immediately upon entry and errors are identified even as the data is being keyed. ASG-Adders is portable, provides fast start-up time, automates job submission, appeals to end-users and skilled data entry personnel alike, and saves time—which translates to saved dollars.

ASG-Adders® PC

ASG-Adders PC provides a companion to the ASG-Adders product for the mainframe, but on a PC platform. It is an ideal solution for sites that have implemented distributed processing, yet require the powerful features of mainframe data entry processing.

ASG-KeyPlus®

If you are looking for a dependable way to enter error-free data, ASG-KeyPlus is the solution of choice. ASG-KeyPlus is the software tool for secure and reliable data entry. With built-in safeguards to ensure reliable information, ASG-KeyPlus reduces the time and effort required to accurately enter and edit keyed data. Its editing capabilities provide validations that can virtually eliminate the problems caused by erroneous data running through an application. PC data entry functionality is available to expand the scope of information gathering.

ASG-ODE® PC

For dependable data entry for MS-DOS or PC operating systems, ASG-ODE PC provides the same robust functionality as ASG-ODE for the mainframe. ASG-ODE PC is a runtime system that allows you to tap into the power of mainframe ASG-ODE system applications, screen formats, programs, tables and so forth. ASG-ODE PC can operate stand-alone or in tandem with ASG-ODE on the mainframe.

ASG-Guest™ APT

Improve user productivity and get the information you need, when you need it. ASG-Guest APT is a user-friendly data query system that enables you to rapidly access and update data. Technical as well as non-technical users can create and run their own applications or immediately access the information they need. With ASG-Guest-APT, you also say goodbye to manually scanning and compiling data.

ASG-Guest™ IDT

ASG-GUEST-IDT promotes development productivity and helps streamline the software budget by allowing for flexible, easy application creation and maintenance. ASG-Guest IDT allows you to maximize the use of current human, software and computer resources. ASG-Guest IDT is the one integrated tool that can handle a full scope of online and batch application development functions.

ASG-Guest™ SMS

Eliminate the need to tediously build screens with macros—and allow systems analysts and programming staff to quickly and efficiently develop programs so they can focus on more important development tasks—with the help of ASG-Guest SMS. ASG-Guest SMS is a screen painting and prototyping tool that generates screen maps quickly and allows programmers to design applications without a fuss before coding even begins.

ASG-Spell™

If you are responsible for keeping your system up and running, you already know that typing errors are the most common cause of job reruns and production mistakes—mistakes that cost you precious time. ASG-Spell can help you avoid those reruns and mistakes entirely. ASG-Spell is a facility that provides fast, easy spell checking and file validation of special programming languages. ASG-Spell checks each word in a file against a series of dictionaries—including a public dictionary of over 50,000 words—and allows users to customize those dictionaries with site-specific definitions.

ASG-FCopy™

If you copy files using the IBM-supplied COPYFILE command, then you are used to waiting. Thanks

to ASG-FCopy, the wait is over. ASG-FCopy performs all CMS COPY functions many times faster and provides system performance improvements on a daily basis, across many activities. ASG-FCopy's greatest performance advantage is seen when copying multiple files with many short records —elapsed time, CPU time and Input/Output are all greatly reduced.

ASG-Paint™

Reduce the time and cost associated with designing screens for use with CMS applications using ASG-Paint. ASG-Paint is a fast, easy method of building screens online and copying them into an application program. The complete process is very fast, with screens being built and the components generated in a matter of minutes. All levels of the development staff can use ASG-Paint because it requires no knowledge of 3270 programming. This benefit leads to a serious reduction in the cost of training application programmers and allows them to primarily concentrate on developing the user application.

ASG-Tempman™

If you are a CMS user who often requires the use of short term temporary disk space, then you need ASG-Tempman. ASG-Tempman provides temporary disk space under a strictly controlled environment. The amount of space requested is controlled and data will not be lost if the system crashes. Most importantly, feel secure in knowing that when disk space is released it will be cleared down to prevent accidental viewing by another user. ASG-Tempman is the complete temporary disk space manager solution.

ASG-Sysargos™ (available in Europe only)

ASG-Sysargos places your data center under strict and constant surveillance. It detects problems immediately and automatically alerts the appropriate party. It then allows necessary corrections to be made by triggering predefined procedures or by connecting the responsible party to the system from a remote location.

Enterprise Applications Management

ASG's Applications Management products allow your staff to view, query, explore and analyze the vital information that keeps your systems—and business—running. Gain and keep the competitive edge by maximizing your organization's return on its IT investment with ASG's repository software and superior CICS® management products. When it comes to total management of your Information Systems environment, you can count on ASG.

Business Intelligence

Encompassing a powerful suite of web-based data management, access, OLAP and reporting tools, the ASG-Safari Solution allows users to quickly integrate, summarize, and analyze information from multiple heterogeneous data sources. The ASG-Safari products equip organizations with the knowledge and business intelligence they need to find solutions to the information challenges they face - from everyday business problems to mission-critical analyses. A complete end-to-end, web-enabled solution for enterprise-wide distribution of business intelligence, the ASG-Safari Solution improves productivity and provides organizations with distinct competitive advantages.

ASG-Safari InfoServer™

The ASG-Safari InfoServer is a powerful server-based data management tool and is the driving force behind the ASG-Safari solution. Acting as the central processing point, the ASG-Safari InfoServer provides complete, simultaneous access to all types of data structures. It acts as the data server, feeding the entire suite of ASG-Safari InfoTools desktop products (described below). Virtually all file systems, hierarchical and relational databases, and applications are accessible through native interfaces to the ASG-Safari InfoServer. The server allows multiple files and tables to be joined together using both relational and non-relational links. The result is a single relational view of data from multiple heterogeneous data sources, available to ASG-Safari users or analysis, querying, reporting, exporting and even updating.

The ASG-Safari InfoServer also includes a comprehensive security system and a centralized meta data dictionary which allows users to share productive information throughout the enterprise while allowing system administrators to maintain data and security from a single, central source.

ASG-Safari InfoTools™

Covering the entire spectrum of reporting requirements - from simple ad-hoc queries to intricate production reports - the ASG-Safari InfoTools suite of desktop products provide a complete enterprise reporting, analysis, and data management solution. Following is a short description of each InfoTool included in the suite.

ASG-Safari ReportWriter™

The ASG-Safari ReportWriter is a powerful ad-hoc and production-level reporting tool. Designed for end-users and decision-makers, this graphical report writing tool provides a full array of features and capabilities for developing presentation-quality WYSIWYG reports.

ASG-Safari Administrator™

This graphical metadata dictionary administrator provides system administrators with a comprehensive tool for system set up and maintenance, including data access, user and group profiles and privileges, precise security control, and dictionary modification.

ASG-Safari OpenAccess™

ASG-Safari OpenAccess connects any ODBC-compliant desktop tool or application to the ASG-Safari InfoServer, providing 2-tier desktop products with multi-tier capabilities. Through their favorite desktop tools, users can access any combination of data sources, with all the security, consolidation, and processing power of the ASG-Safari InfoServer.

ASG-Safari ODBC Interface™

The ASG-Safari ODBC Interface accesses and combines information stored across any hardware, operating system, and database platform. It provides simultaneous access to data sources from UNIX, Windows, IBM, VMS, and MPE environments - while continuing to take advantage of the ASG-Safari InfoServer's consolidation and processing power.

ASG-Safari 4GL™

ASG-Safari 4GL provides an advanced approach for creating and executing highly complex, sophisticated reports and data management tasks.

ASG-Safari UDMS™

ASG-Safari UDMS is a set of character-based tools that offer easy, yet powerful reporting, exporting, updating, and querying for a wide range of users.

ASG-Safari.OLAP™

Built entirely for the Web from the ground up, this powerful, fully interactive OLAP solution delivers multidimensional data analysis and scalability for thousands of end-users. While standard reports are an important element of Business Intelligence, they provide only a static presentation of what's happened in the past. ASG-Safari.OLAP brings your data to life. Its interactive analysis allows users to see not only what happened - but why. It's an analytical tool, providing decision makers with immediate insight into the factors that drive their business.

ASG-Safari.OLAP requires no client installation. Once installed on a web server, its power is available to anyone with appropriate access. When created, ASG-Safari.OLAP data cubes are embedded in an HTML page. The cubes are stored in a highly compressed format for high-speed transmission and access. Users enter the appropriate URL, downloading the page - and the data cube - to their desktop browsers. Along with the data cube, the downloaded page contains Safari Prospector, the 100% Java applet used to view, manipulate, and analyze the data. It's that simple!

ASG-Safari WebCast™

Representing a more effective alternative to printed report generation and distribution, ASG-Safari WebCast is a Web-based report distribution and access system. This system eliminates the significant paper, manpower, and delivery costs associated with traditional report output and replaces it with HTML output that can be viewed by users with a standard web browser and access to the Internet or a company intranet. Reports are available, worldwide, immediately upon execution, 365 days a year, ensuring maximum efficiency for the user. With no desktop client installation required to review reports, and no upgrades for the desktop, ASG-Safari WebCast is a winning choice for the IT department as well as for users.

Systems Analysis

ASG-Vista™

Bring consultants and new employees up to speed—fast—with the instant picture of mainframe system attributes and relationships provided by ASG-Vista. ASG-Vista's unique, easy-to-navigate graphical user interface allows IT staff to view everything from a complete job overview to code-level detail and eliminates the need to manually correlate data from diverse and often incomplete sources. Using state-of-the-art client/server architecture with a single, relational database, ASG-Vista analyzes IS programs, files, jobs, transactions and databases to provide instant access from the desktop. Programmers and analysts can view, query, explore, analyze and even identify unused resources within the system in a matter of minutes.

ASG-VPM™

ASG-Visual Process™ allows organizations to leverage their existing technologies, processes and knowledge-base to capture their intellectual capital and build integrated solutions to manage projects and processes more effectively.

ASG-Estimate™

IS managers must provide cost-effective service to their organizations. One of the keys to success is the ability to determine the impact of large-scale projects. Understanding what is currently in a legacy application portfolio, arriving at an estimate of the effort involved in conversion, and presenting the information to management, are important steps in meeting this objective. ASG-Estimate™, an easy-to-use, cost-effective planning tool from ASG, helps organizations determine the size of programming tasks associated with big IT initiatives. Estimate quickly identifies items that carry selected information in application programs, and helps determine if they are impacted by the project parameters. Armed with this information, organizations can estimate the impact of field changes and get going on their conversions.

ASG-Alliance™

Application understanding is the one task that must be performed correctly and completely at the beginning of any IT project. Manually, this task is time-consuming and difficult to perform accurately, but it can be simplified through the automation of ASG-Alliance™. Alliance, the application understanding component of the ASG Existing Systems Workbench® (ESW®) is an integrated, full life-cycle solution for managing existing systems.

ASG-Insight™

AUTOMATING PROGRAM UNDERSTANDING:

Maintenance and enhancement of existing systems can consume much of an IS department's resources. And achieving program understanding can be the biggest job of all — requiring more effort than coding, testing and documenting combined. System resources are wasted as programmers utilize DISPLAY statements and multiple test sessions in order to gain an understanding of how the program works. Otherwise, they must spend a tremendous amount of time manually tracing the data paths through complex business logic.

ASG-Insight™ addresses this problem by completely automating the program investigation process. It slashes the time needed for program understanding, thus enabling more effective management of existing systems.

Application Development

Editing

ASG-SmartEdit™

Automated COBOL Editing:

Responding to change requests in a timely manner is an important task for an organization's programming staff. The ISPF editor is the most widely used tool for editing JCL, data and COBOL and Assembler code. But truly effective and accurate COBOL program changes require more in-depth program and language intelligence.

ASG-SmartEdit™, a unique interactive COBOL editor for ISPF, adds automation and COBOL intelligence to the code change process. Its powerful facilities enable fast response to change requests, and high confidence in the results.

ASG-Encore™

You're under pressure from competitors who are using e-commerce as a business advantage. You need to get your legacy applications on the Web fast while maintaining compatibility with your mainframe applications. Getting to the Web is easy. But integrating Web applications with traditional systems is complex. That's why there's ASG-Encore™, the advanced re-engineering solution for IBM MVS COBOL applications. It provides facilities to identify key interface points, business logic, user interface logic, and database access logic in MVS COBOL programs, and automatically creates new programs. Encore guides the customer through this process every step of the way.

ASG-Encore-created programs accelerate the transition to e-Business, simplify the integration of new technologies, and reduce the cost and complexity of maintaining legacy systems. What else would you expect from ASG? ASG is a leader in understanding enterprise applications to help companies realize the greatest return on their information technology investments. So put the power of ASG-Encore to work for you today!

ASG-AutoChange™

ASG-AutoChange™, ASG's code-change software, provides the do-it-yourself organization with the automated-change tool it needs. AutoChange makes conversion teams productive by enabling them to quickly and safely change large quantities of code. Organizations using AutoChange get the fast and productive conversion factory they want plus the quality they demand.

ASG-Bridge™

Challenges such as mergers and acquisitions, supply chain changes and business expansion force organizations to react very quickly to change. ASG-Bridge allows organizations to reduce the overall effort required for any project that requires data transformation by separating the process of program and data conversion. Bridge also helps protect the organization against failures caused by data exchanges with trading partners by allowing unchanged programs to work with unchanged data. In addition, bridging technology allows updated programs to access archived data in historic formats.

ASG-Favorites™

Introducing the ultimate productivity tool for all ISPF users: ASG-Favorites. Utilizing built-in naming/functionality shortcuts, ASG-Favorites eliminates repetitive tasks and typing for ISPF users, allowing the user to display, edit and maintain any type of data or program, directly invoke DBMS utilities, compile programs, install software products and perform system functions.

Testing

ASG-SmartTest™

ASG-SmartTest™, a program testing tool, tests converted programs and applications, including COBOL, PL/1, Assembler, APS, batch, CICS(R) and IMS programs. ASG-SmartTest manages all these environments through a single user interface with a single set of commands and dialogs.

ASG-SmartTest™'s Test Coverage Analysis option record and reports on test coverage over multiple test sessions with multiple sets of input, thus identifying untested code, and identifying minimum sufficient sets of test data.

ASG-SmartQuest™

Recognizing the inevitability of failure, it is vital for an organization to employ a mechanism that will assist in quickly identifying and diagnosing production program failures so that corrective actions can rapidly commence.

ASG's SmartQuest products – ASG-SmartQuest for CICS® and ASG-SmartQuest for MVS – automatically intercept CICS transaction or MVS program abends and guide programmers to the exact cause and location of a failure. This enables programmers to quickly formulate a plan of attack for correcting the problem.

ASG-SmartQuest products are powerful, yet easy-to-use program fault analysis tools. They make the maximum use of simple "point-and-shoot" techniques to enable fast and easy navigation through captured fault information. An action bar, with associated pull-down panels, allows for rapid selection of all areas in the dump. Such features make the product almost "command-free" and so easy to use that training requirements are minimal.

Documenting

ASG-SmartDoc™

Managing today's complex business systems requires complete and up-to-date program information. Often this need is not met due to the complexity, expense, and time required to produce documentation manually. ASG-SmartDoc™, a unique static analysis and documentation generator, completely automates this important process. It provides you with invaluable information for planning and conducting major program re-engineering projects, system consolidation and migration, and routine maintenance.

ASG-Recap™

Because you can't manage ... what you can't measure!

To successfully manage information systems in the new millennium, IS executives must be able to identify and replicate practices that generate high productivity and quality, but at low cost.

Measurement programs are critical to accurate estimates.

The IS measurement solution is ASG-Recap™. This dynamic tool measures and delivers data in a format that dramatically improves the decision support process and enables organizations to align business and technical goals.

ASG-Recap uses industry standard metrics to measure application and program size, value, and quality, to support proactive application portfolio management.

Repository Management

ASG-Rochade™

The ASG-Rochade™ repository, the basis of all Rochade solutions, is an open, scalable and proven client/server repository environment. ASG-Rochade is a leading enterprise repository and available on most current platforms and operating systems. With interfaces for a wide range of tools, database management systems, programming languages and other repositories, ASG-Rochade enables enterprise-wide metadata management in all stages of application development and maintenance, data warehouse management, application life-cycle management, model management and data management. Rochade helps organizations gain competitive edge through more flexibility and higher productivity in central data processing, while building on investments in existing technologies and processes. ASG-Rochade Repository Solutions are the key to effective management of applications across the enterprise. A Rochade solution provides the means to maintain, optimize and modernize your applications. Thorough knowledge of your application portfolio, as well as automated and supervised control of the application development and maintenance processes, enable you to quickly assess and implement system changes to meet your business needs. A Rochade solution enables such understanding and control.

ASG-MethodManager™

ASG-MethodManager offers a proven, reliable, repository-driven environment for enabling application development strategies and automating the information engineering life cycle. The underlying repository provides a means of integrating, exchanging and reusing meta-data, which is the foundation for information engineering and change management across different tools and platforms. Incorporated into ASG-MethodManager is a repository-driven, end-user facility supporting the entire range of ASG-Manager Products. This facility incorporates an information resource management system, an interactive data and enterprise modeling system for database design, an interchange system supporting the exchange of definitions between multiple vendor repositories and a graphical workstation tool driven by the mainframe repository.

ASG-Web Enabler™

ASG-Web Enabler allows users worldwide to conveniently access data in the ASG-MethodManager repository via the Internet at any time.

ASG-Autopilot™

This fully customizable Rochade user interface allows for easy navigation through the repository. It allows users to define, administer and use information models. Results can be put into forms, result templates, initial documents and pre defined reports. ASG-AutoPilot also provides an integrated documentation generator as well as a macro language for creation of documentation tailored to the user's requirements. With the integrated Information Visualizer, users can graphically view the structure and contents of the repository information model and all of its relationships. The Visualizer also contains representation facilities for diagrams, shapes, classes and resources, and offers the user the ability to modify information directly through the repository. The diagramming capabilities are customizable, again demonstrating Rochade's unique flexibility. The classes, objects and shapes can also be altered to suit the organization's environment. In addition, ASG Professional Services provides user interfaces for specific application areas of the repository.

Web Enablement:

Communication technologies are exploding, and an increasing number of users conduct business from remote corners of the world. No matter where they go, these mobile users demand access to information, and the Internet has emerged as an integral communication tool to serve them. We understand the importance of leveraging Internet technology to provide fast, reliable access to information. ASG-Rochade, through Web-enablement solutions, can be accessed via the Web, providing full repository functionality to the user.

Application Programming Interface:

ASG's application programming interface allows external applications to dynamically utilize the strong underlying class structures of ASG-Rochade's repository functionality. This means that ASG-AutoPilot (the ASG-Rochade GUI) functionality can be invoked from external applications through the API (and also in batch). The API enables a customer to invoke repository functionality from external applications written in languages like C++ or development environments such as Bachman, TeamWork and ERwin. This would allow, for example, a custom application to be dynamically linked to the repository for retrieval and display of meta data. Another alternative is when users develop their own (perhaps department-specific) repository application that can fully manipulate the information within the repository.

Change Management

ASG-Life Cycle Manager™

Wish you had more control over the development changes made in configuration management? Track and manage all your MVS applications changes with ASG-Life Cycle Manager—the automated software configuration management tool. It provides users with a centralized hub for process management, visibility and control over the entire software life cycle. Both customizable and easy-to-use through its familiar ISPF panel interface, ASG-Life Cycle Manager also provides many integration points to other third-party tools.

ASG-LIBR™

ASG-LIBR saves time and provides insurance against data entry error that may prevent production work from being run. ASG-LIBR also provides peace of mind because it limits the use of library update features to only those users with authorization. ASG-LIBR is a library management tool that allows your staff to view and interactively maintain any library in your system without having to wait for jobs to run in VSE and listings to come back or be printed.

CICS® Management

ASG-CATS™

Dramatically improve the productivity of CICS® maintenance tasks with ASG-CATS, an ISPF/DB2 tool that automates what is normally an error-prone, time-consuming process for implementing CICS resource definitions. Application programmers can be empowered to submit their own changes according to their time schedule. This frees system programmers from traditional labor-intensive resource maintenance and allows them to concentrate on more critical aspects of CICS performance. ASG-CATS provides a single point of control to maintain changes and ensure the integrity of the CICS environment.

ASG-CSD/Auditor™

Get your CICS® regions in top form with ASG-CSD/Auditor. ASG-CSD/Auditor is a revolutionary system that provides vital information on the status of your CSD files. Instead of investing valuable time and resources in manually cleaning up CSD files, this Windows-based product analyzes uploaded CSD report files, provides over 25 standard reports on CSDs and regions and then allows you to generate batch jobs to clean up the CSD depending on the condition of the file.

Database Management

ASG's suite of tools and utilities for CA-IDMS are recognized world-wide for their value-added benefits and superior quality. At ASG we realize your on-going need to tune, monitor, test, repair, replicate and extend CA-IDMS. For superior CA-IDMS products that meet your company's productivity needs and goals, look to ASG.

IDMS Management

ASG-Replication Suite™

Enable your IT department to securely and reliably distribute data between mainframe, client/server and desktop systems, and supply up-to-the-minute data to the business decision-makers who need it most. ASG-Replication Suite offers a breakthrough method for CA-IDMS data extraction, transformation and distribution to other platforms that is necessary with data warehousing and data mining functions. It also reduces network traffic and the overall communications costs of running a centralized system.

ASG-Replication Suite is comprised of the following four ASG products:

ASG-Journal Manager™

ASG-Journal Manager allows users to save space on tape storage and save time setting up and mounting tapes during recoveries. ASG-Journal Manager is a comprehensive CA-IDMS journal management tool that controls journal archive files used in recovery and journal-based replication, as well as reformatting and audit reporting. ASG-Journal Manager also conveniently handles daily, weekly and monthly journal tape consolidation and is easily incorporated into existing CA-IDMS site archive control procedures.

ASG-Replication Agent™

ASG-Replication Agent is truly multi-purpose: it builds tables and indexes; it loads target tables; it performs replication of updates; it builds meta-data and can interface to data warehousing and data transformation tools in 80 different formats; and the powerful filtering and cleansing features allow users to manipulate replication and data in an infinite number of ways.

ASG-Tracer®

Gain a better understanding of update activity on the database. With ASG-Tracer, your site can take advantage of the valuable information that CA-IDMS automatically writes to its journal files about updates to your database. ASG-Tracer reformats cryptic database images and converts them into an easily accessible and understandable format. You can use these results as input to your own report applications or use the pre-written reporting facility included with ASG-Tracer.

ASG-Table Designer™

ASG-Table Designer saves precious time where it counts most. Simple Graphical User Interface (GUI) mapping reduces the time spent on the most resource-intensive effort: setting up network-to-relational mapping. The user can move data with astonishing speed—to Oracle, Sybase, Microsoft SQL®, CA-OpenIngres®, DB2 and other databases on any platform. Multiple table, multiple record and multiple serve configurations are all supported.

Optional solutions to ASG-Replication Suite:

ASG-Rasclé™

ASG-Rasclé (Replication Agent for Sybase® and Oracle®) puts an end to worrisome file transfers to target RDBMSs. ASG-Rasclé works hand-in-hand with ASG-Replication Agent to allow users to feed their updates directly into Oracle, Sybase, DB2®, Microsoft Sequel® and Informix® databases using top-of-the-line database controls that ensure data integrity.

ASG-Virtual DB™

ASG-Virtual DB allows you to create and maintain CA-IDMS database environments so you can perform testing against production data without the need to interrupt online processing. With ASG-Virtual DB, your technical staff can perform production testing, routine application testing and quality assurance testing against the actual production database without affecting its integrity.

ASG Testing Suite™

ASG Testing Suite for CA-IDMS streamlines the time-consuming change verification process by automating the entire procedure and helping your IS staff concentrate on more vital IS tasks. You can take advantage of ASG's suite of testing management products to have unobscured CA-IDMS journal access and advanced replication functionality, while eliminating the costs associated with data corruption and system downtime.

ASG-Assure™

ASG-Assure is the only regression testing and comparison tool that allows you to eliminate having to manually check updates between your old database and your new database. ASG-Assure works with ASG-Tracer to reduce system downtime, increase productivity and automate the tedious manual process of searching through reams of paper to compare records and check the accuracy of record changes—enabling your staff to focus on more productive tasks.

ASG-Tracer®

Gain a better understanding of update activity on the database. With ASG-Tracer, your site can take advantage of the valuable information that CA-IDMS automatically writes to its journal files about updates to your database. ASG-Tracer reformats cryptic database images and converts them into an easily accessible and understandable format. You can use these results as input to your own report applications or use the pre-written reporting facility included with ASG-Tracer.

ASG-Rasclé™

ASG-Rasclé (Replication Agent for Sybase® and Oracle®) puts an end to worrisome file transfers to target RDBMSs. ASG-Rasclé works hand-in-hand with ASG-Replication Agent to allow users to feed their updates directly into Oracle, Sybase, DB2®, Microsoft Sequel® and Informix® databases using top-of-the-line database controls that ensure data integrity.

ASG-Journal Manager™

ASG-Journal Manager allows users to save space on tape storage and save time setting up and mounting tapes during recoveries. ASG-Journal Manager is a comprehensive CA-IDMS journal management tool that controls journal archive files used in recovery and journal-based replication, as well as reformatting and audit reporting. ASG-Journal Manager also conveniently handles daily, weekly and monthly journal tape consolidation and is easily incorporated into existing CA-IDMS site archive control procedures.

ASG-PreAlert®

ASG-PreAlert takes the guesswork out of determining system problems and helps you avoid new ones. Your shop has frequent system crashes and you don't know the cause. Critical open problems remain unresolved and you don't know why. ASG-PreAlert is a realtime monitor and control system that targets problems across single or multiple Central Versions (CVs). ASG-PreAlert monitors your CA-IDMS systems even when they are locked up—enhancing management and control of your processing environment. ASG-PreAlert Exception Analysis enables users to establish monitoring and control thresholds for many system and task operation levels.

ASG-Fast Access®

Your shop needs to save time and reduce database workload. ASG-Fast Access allows you to do just that. ASG-Fast Access reduces the run time for batch jobs that access the CA-IDMS database and offers the greatest improvement for sequential processing. ASG-Fast Access optimizes data transfer between disk and memory, allowing the majority of database requests to be satisfied by pages already stored in computer memory. There is a built-in auto-tuning algorithm to provide optimal buffer settings.

ASG-SIRF®

To quickly, easily and accurately report on and analyze your CA-IDMS online transactions, ASG offers ASG-SIRF (Statistical Interface and Reporting Facility). ASG-SIRF allows you to improve your system performance by collecting statistical information and reporting on CA-IDMS online transactions. ASG-SIRF's user-friendly interfaces offer the flexibility to produce customized reports according to your organization's particular needs as well as a selection of standard reports which can be immediately executed without coding.

ASG-DBOL™

ASG-DBOL is designed to help correct database problems and troubleshoot programs more efficiently. ASG-DBOL is an online utility providing database administrators and developers with direct access to data and the ability to dynamically retrieve and update data on any CA-IDMS database. By providing a true menu-driven facility, users need not remember DML command syntax for CA-IDMS database problem solving and testing.

ASG-XADC®

ASG-XADC optimizes environment performance by reducing CPU consumption and speeding up processing. Improving overall system performance is a top priority—especially at CA-IDMS shops, where development may have tapered off but heavy processing has not. And now ASG-XADC, a revolutionary tool for CA-IDMS online and batch productivity, has given CA-IDMS sites the justification to make significant improvements in system performance.

ASG-PageFix™

Trying to make changes to database pages can be a grueling and tedious affair. ASG-PageFix changes that by enabling you to view and modify the entire contents of a database page online. You can also use separate windows to display and modify data with the security of knowing that all updates can be cancelled and the old pages restored. Specific lines on a page can be quickly located and displayed and all processing can easily be initiated using PF keys. And the best part of all is that you don't need to employ other software to reap the rewards of ASG-PageFix.

ASG-RTU™

Satisfy all of your CA-IDMS users' timeout needs with ASG-RTU (Resource Timeout by User). Some

CA-IDMS users need to stay logged onto CA-IDMS during long periods of inactivity, while others only need to be on for a short time and should be prevented from leaving their CA-IDMS sessions idle. ASG-RTU allows you to make exceptions to the standard Central Version (CV) timeout interval. ASG-RTU lets you specify different timeout intervals for each CA-IDMS user ID or for groups of CA-IDMS user IDs. \

ASG-Rainbow™

ASG-Rainbow is a fully integrated software management system that controls the migration of application software between environments. Information describing software component characteristics and relationships is stored in the ASG-Rainbow repository. ASG-Rainbow ensures that all software is migrated, while guaranteeing its integrity.

Sybase® Direct Connect™

Sybase® Direct Connect™ data access servers are Sybase's middleware building blocks for connectivity between LAN-based clients and enterprise data sources. You can use a DirectConnect server on its own to connect directly to a single data source or you can easily combine DirectConnect with other products in the Sybase data access family for enterprise data access, data movement, data transparency, heterogeneous replication and data warehousing. Together, DirectConnect and other data access products greatly simplify the integration of heterogeneous data sources, allowing you to build corporate-wide information systems that seamlessly incorporate mainframe, mid-range, and client/server data and applications. ASG has non-exclusive distribution rights as a value-added reseller to supply Sybase replication components.

DB2 Management

ASG-SEdit™ DB

ASG-SEdit DB is a comprehensive solution to time-consuming tasks in DB2 database maintenance, development and testing. ASG-SEdit DB is a fully integrated application development and testing tool for the DB2 environment. With ASG-SEdit DB, you are able to create, copy and edit DB2 objects, generate test data, test embedded SQL statements and report on those results with the convenience of a single tool.

VSAM Management

ASG-SEdit™ MVS

ASG-SEdit MVS increases problem solving efficiency and helps correct erroneous data in your data sets. An interactive tool that facilitates MVS file management and manipulation, ASG-SEdit MVS also assists with day-to-day data handling while ensuring its integrity. ASG-SEdit MVS allows you to easily browse and edit very large VSAM files. Furthermore, ASG-SEdit MVS maintains a log of all original information and can easily restore all original records if necessary.

Backed by the global resources and support of Allen Systems Group

Established in 1986, ASG provides software and services to the Global-5000 in the areas of Enterprise Operation Management, Enterprise Application Management and Business Intelligence. ASG helps these organizations improve the performance of their data center operations and facilitate their transition to e-business.

Heralded as the recognized price/performance alternative in enterprise systems management, ASG is dedicated to providing integrated, world-class solutions to data centers where consolidating costs is imperative. Flexible in contracting and unparalleled in customer support, ASG is committed to consistent growth, stability and developing best-of-breed products in emerging technology fields.

Headquartered in Naples, Florida, ASG has development, support, service and sales professionals on five continents and a network of value-added partners.

Call toll-free in the USA:

1.800.726.5555 to speak with an ASG technical engineer. Or visit our Website at **www.asg.com** to get more information at your convenience.

www.asg.com

YOUR LOCAL CONTACT:



ASG World Headquarters
1333 Third Avenue South
Naples, Florida 34102
USA

TEL: 800.932.5536 (USAonly)
+1.941.435.2200
FAX: 800.325.2555 (USAonly)
+1.941.263.3692

EMAIL: info@asg.com
WEB SITE: www.asg.com