
Product Catalog

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The premier source for understanding, managing, and extending existing systems

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“Our customers’ experience is our top priority.”

Art Allen
Founder; President & CEO



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ASG information management products enable your organization to exchange data across the various platforms and databases that exist inside and outside of your domain. Information management products connect existing internal and external information systems to create a more efficient, unified operation throughout your enterprise. Our information management products enable you to extend your enterprise applications to e-business while reducing total cost of ownership and increasing competitiveness through IT resources.

The “blueprint” below depicts the strategic deployment of ASG information management solutions.

ASG-BIP™ (Business Information Portal) Web Interface for Critical Applications and Core Processes

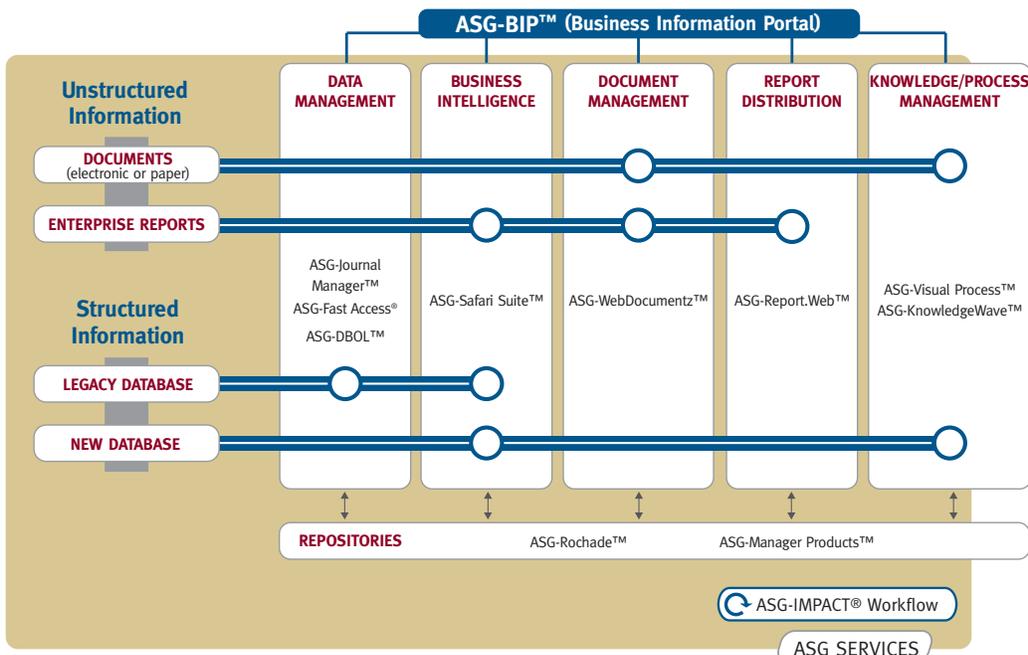
ASG-BIP is a highly customizable, secure, unified Web interface (Intranet) designed to work in conjunction with your organization’s critical applications and core processes.

Launch any Web-based solution through the BIP — either homogenous, third-party, or other ASG solution. The BIP is easy to deploy and maintain. Customize the BIP interface for syndicated content and corporate information distributed to your organization. You can integrate the BIP with other ASG solutions for added knowledge management, business intelligence, and report distribution capabilities. Combining these applications allows your employees to retrieve pertinent data from a huge reservoir of information quickly and easily from any Web browser.

“ASG offers a comprehensive suite of information management, operations management, and applications management solutions to deliver the high-octane performance necessary to meet the critical business needs of our clients.”

Art Allen
 Founder; President & CEO

ASG Information Management Blueprint



This information management blueprint represents ASG’s view of the types of information that enterprises accumulate — structured and unstructured — and the applications that ASG has in its portfolio to address them.

Other ASG Products that Work with ASG-BIP

- ASG-KnowledgeWave™ – the expert Web-based system and knowledge management solution
- ASG-Report.Web™ – the Web-based reports distribution solution
- ASG-Safari™ business intelligence suite
- ASG-Visual Process™ – the knowledge-driven process management solution
- ASG-WebDocumentz™ – the ASG document management solution
- All ASG Web-enabled solutions
- All third-party, Web-enabled solutions

ASG-KnowledgeWave™ Artificial Intelligence in Expert Systems Development

KnowledgeWave is the Web-based expert system and knowledge acquisition tool that consolidates the expert knowledge from your company into a single access point and builds Web applications to provide an around-the-clock Web-service presence, reduce support costs, and boost profits from e-business initiatives.

KnowledgeWave transforms static Web pages into pages designed to handle customer inquiries, comments, orders, and other information-gathering tasks. In addition, it provides a streamlined process for laying out application logic, creating Web pages, and setting up access to data — dramatically reducing the standard development period.

Other ASG Products that Work with ASG-KnowledgeWave

- ASG-IMPACT® Web consolidated service desk solution
- ASG-BIP™ (Business Information Portal)

ASG-Report.Web™ Enterprise Mainframe/ERP Report Publishing System

Report.Web offers secure, efficient, cost-effective report distribution by Web-enabling host-generated reports for view on your corporate intranet or extranet. Report.Web, designed specifically for the Web, is a comprehensive, print-replacement solution for host and ERP reports.

Its powerful server engine helps administrators publish and manage reports with ease and at user-defined intervals. End-users view reports through a highly functional viewer and receive reports in spreadsheet format using data-mining operations.

Other ASG Products that Work with ASG-Report.Web

- ASG-Outbound Suite™ to transfer reports or download report data to NT server running Report.Web
- ASG-Outbound Suite™ to transfer reports from ESW components
- ASG-Safari™ for business intelligence
- ASG-BIP™ (Business Information Portal)
- ASG-Sync™ for managing data batches

ASG-Safari InfoServer™ Data Management Tool

InfoServer is a powerful, server-based data management tool. It is the driving force behind ASG's Safari solutions. Serving as the central processing point, InfoServer provides complete, simultaneous access to all types of data structures. As the data server, it feeds the entire suite of ASG-Safari InfoTools™ desktop products (described below). Virtually all file systems — hierarchical and relational databases and applications — are accessible through interfaces native to the 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 you for analysis, querying, reporting, exporting, and updating.

Other ASG Products that Work with ASG-Safari InfoServer

- ASG-Safari InfoTools™ for business analytics and data management
- ASG-Safari.OLAP™ for online analytical processing
- ASG-Safari WebCast™ for Web-based report distribution and access
- ASG-Safari Administrator™ for system setup and maintenance
- ASG-Safari OpenAccess™ for access to mainframe and relational data files from the desktop
- ASG-Safari™/4GL for creating and executing complex reports and data management tasks
- ASG-Safari ReportWriter™ for production and ad hoc report writing
- ASG-Safari ODBC Interface™ for combining information stored on any hardware, operating system, and database platform
- ASG-Safari™/UDMS for information access

ASG-Safari InfoTools™ Business Analytics and Data Management Suite

InfoTools is a business analytics and data management solution that spans the spectrum of reporting requirements — from simple, ad hoc queries to intricate production reports. By providing controlled access to virtually any data source — spreadsheets, report writers, OLAP systems, and statistical packages, etc. — InfoTools guarantees maximum connectivity and performance.

ASG-Safari™/4GL for Creating and Executing Highly Complex Reports and Data Management Tasks

Safari/4GL, the client component of ASG-Safari™/UDMS character-based 4RW and 4DM modules, provides an advanced approach to creating and executing highly complex reports and data management tasks. As part of the ASG-Safari InfoTools™ suite, Safari/4GL allows you to create 4RW reports and 4DM tasks in a GUI environment on your PC — rather than on your server. With its new and user-friendly graphic interface and its English-oriented, non-procedural language, Safari/4GL extends the power of ASG-Safari ReportWriter™. Safari/4GL helps your organization build and deploy highly complex tasks and reports in rapid fashion.

Other ASG Products that Work with ASG-Safari/4GL

- ASG-Safari InfoServer™ for data management
- ASG-Safari WebCast™ for Web-based report distribution and access
- ASG-Safari ReportWriter™ for production and ad hoc report writing
- ASG-Safari Administrator™ for system setup and maintenance
- ASG-Safari OpenAccess™ for desktop access to mainframe and relational data files
- ASG-Safari ODBC Interface™ for combining information stored on any hardware, operating system, and database platform
- ASG-Safari™/UDMS for powerful character-based reporting, exporting, updating, and querying

ASG-Safari Administrator™ a Graphic Meta-Data Dictionary

Safari Administrator is a graphic, meta-data dictionary administrator specially designed for end users and system administrators. As part of the ASG-Safari InfoTools™ suite, Administrator allows end users to create their own views and

table-joins as your system administrators exercise full control over system maintenance. the Safari Administrator user-friendly GUI interface makes it easy for your administrators to control, set up, and maintain user profiles and privileges.

Other ASG Products that Work with ASG-Safari Administrator

- ASG-Safari InfoServer™ for data management
- ASG-Safari WebCast™ for Web-based report distribution and access
- ASG-Safari ReportWriter™ for production and ad hoc report writing
- ASG-Safari OpenAccess™ for access to mainframe and relational data files from the desktop
- ASG-Safari ODBC Interface™ for combining information stored on any hardware, operating system, and database platform
- ASG-Safari™/4GL for creating and executing complex reports and data management tasks
- ASG-Safari™/UDMS for information access

ASG-Safari ODBC Interface™ for Universal Connectivity

As part of the ASG-Safari InfoTools™ suite, Safari ODBC Interface, running on a Windows NT® server, provides universal connectivity to any ODBC-compliant data environment, including daisy-chained InfoServers on remote systems with dissimilar platforms and operating systems. All data is linked at the server level using the consolidating and processing power of InfoServer rather than the less efficient power of ODBC-joining technology (which consolidates and processes data at the desktop level). With Safari ODBC Interface desktop tools, you can access data sources from Windows®, UNIX®, IBM®, VMS, and MPE environments and benefit from InfoServer's consolidating and processing power.

Other ASG Products that Work with ASG-Safari ODBC Interface

- ASG-Safari InfoServer™ for data management
- ASG-Safari ReportWriter™ for production and ad hoc report writing
- ASG-Safari Administrator™ for system setup and maintenance
- ASG-Safari OpenAccess™ for access to mainframe and relational data files from the desktop
- ASG-Safari™/4GL for creating and executing complex reports and data management tasks
- ASG-Safari™/UDMS for information access

ASG-Safari OpenAccess™ for Business Intelligence Connectivity

As part of the ASG-Safari InfoTools™ suite, OpenAccess gives your end users an entire range of desktop tools including spreadsheets, report writers, DSS tools, and OLAP tools to access mainframe and relational data files. With this application, users will no longer be restricted to a standardized set of applications or database-specific desktop tools — giving them exceptional flexibility and unprecedented connectivity. Using native interfaces, OpenAccess provides simultaneous access to multiple file structures and offers the benefits of ASG-Safari InfoServer™ n-tier architecture.

Other ASG Products that Work with ASG-Safari OpenAccess

- ASG-Safari InfoServer™ for data management
- ASG-Safari ReportWriter™ for production and ad hoc report writing
- ASG-Safari Administrator™ for system setup and maintenance
- ASG-Safari ODBC Interface™ for combining information stored on any hardware, operating system, and database platform
- ASG-Safari™/4GL for creating and executing complex reports and data management tasks
- ASG-Safari™/UDMS for information access

ASG-Safari ReportWriter™ for Analyzing Critical Operational Data

As part of the ASG-Safari InfoTools™ suite, ReportWriter gives you the tools to access, consolidate, and analyze critical operational data stored anywhere in your data resources and to produce presentation-quality reports of these findings.

With the addition of this desktop tool, your users will quickly convert operational data into a meaningful picture of your operations. ReportWriter gives you the insight to make informed business decisions, streamline your operations, increase sales, and enhance customer satisfaction.

Other ASG Products that Work with ASG-Safari ReportWriter

- ASG-Safari InfoServer™ for data management
- ASG-Safari WebCast™ for Web-based report distribution and access
- ASG-Safari Administrator™ for system setup and maintenance
- ASG-Safari OpenAccess™ for desktop access to mainframe and relational data files
- ASG-Safari ODBC Interface™ for combining information stored on any hardware, operating system, and database platform
- ASG-Safari™/4GL for creating and executing complex reports and data management tasks
- ASG-Safari™/UDMS for information access

ASG-Safari™/UDMS for Information Access

As part of the ASG-Safari InfoTools™ suite, Safari UDMS — a family of character-based and user-friendly information access tools — arms your organization with powerful reporting, exporting, updating, and querying capabilities. Providing greater flexibility and additional options, these capabilities are delivered through separate modules and packaged in a variety of ways. The consistency among the UDMS tools also significantly reduces the learning curve for your staff.

Other ASG Products that Work with ASG-Safari™/UDMS

- ASG-Safari InfoServer™ for data management
- ASG-Safari WebCast™ for Web-based report distribution and access
- ASG-Safari ReportWriter™ for production and ad hoc report writing
- ASG-Safari Administrator™ for system setup and maintenance
- ASG-Safari OpenAccess™ for desktop access to mainframe and relational data files
- ASG-Safari ODBC Interface™ for combining information stored on any hardware, operating system, and database platform
- ASG-Safari™/4GL for creating and executing complex reports and data management tasks

ASG-Safari.OLAP™ for Business Intelligence

Safari.OLAP is a robust, interactive, and scalable Web application designed to help you turn complex business data into business intelligence. In addition to providing tactical information, Safari.OLAP identifies the causes behind events and patterns through interactive analysis. With this tool, your staff will gain instant insight into the factors driving your business and they will have a rich environment for viewing and manipulating data.

Other ASG Products that Work with ASG-Safari.OLAP

- ASG-Safari WebCast™ for Web-based report distribution and access
- ASG-Safari InfoServer™ for data management

ASG-Safari WebCast™ for Report Distribution and Access

Representing a more effective alternative to printed report generation and distribution, WebCast is a Web-based report distribution and access system. WebCast eliminates the significant paper, manpower, and delivery costs associated with traditional report output and replaces it with HTML output that you can view with a standard Web browser.

To ensure maximum efficiency in your report generation, reports are available worldwide and immediately upon execution.

Other ASG Products that Work with ASG-Safari WebCast

- ASG-Safari InfoTools™ for business analytics and data management
- ASG-Safari.OLAP™ for online analytical processing
- ASG-Safari InfoServer™ for data management
- ASG-Safari™/UDMS for information access
- ASG-Safari Administrator™ for system setup and maintenance
- ASG-Safari™/4GL for creating and executing complex reports and data management tasks
- ASG-Safari ReportWriter™ for production and ad hoc report writing

ASG-Visual Process™ for Project Management

Visual Process offers your organization the tools and knowledge for thoroughly planning, executing, and managing IT and business projects. This application supports Knowledge Management for delivering, managing, authoring, and customizing methodologies; and Process Management for planning and estimating projects, and for facilitating the workflow for tasks/deliverables for application development practitioners. This integrated suite of tools supports every step of a project, from planning to execution to implementation, so your organization can transform knowledge into a viable and successful project plan.

Other ASG Products that Work with ASG-Visual Process

- ASG-BIP™ (Business Information Portal)

ASG-WebDocumentz™ for Web-Based Knowledge Management

WebDocumentz is a comprehensive browser-based knowledge management system for enterprises. Designed with Microsoft® Web technologies, WebDocumentz can be seamlessly integrated with your organization's intranet, extranet, and Internet sites.

With WebDocumentz, your company easily manages all stages of document creation, scanning, publishing, and distribution. WebDocumentz provides a secure repository for your users' documents, allowing groups of any size to collaborate.

Other ASG Products that Work with ASG-WebDocumentz

- ASG-BIP™ (Business Information Portal)

Today's challenging computing environment involves multiple products on multiple platforms, escalating maintenance fees, e-business initiatives, and merging data centers. ASG operations management products help you manage this environment and simplify complexities with solutions that meet immediate and future needs with seamless integration across your entire enterprise.

The "blueprint" below depicts the strategic deployment of ASG operations management solutions.

ACE™/SNMP+ for Network Management

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.

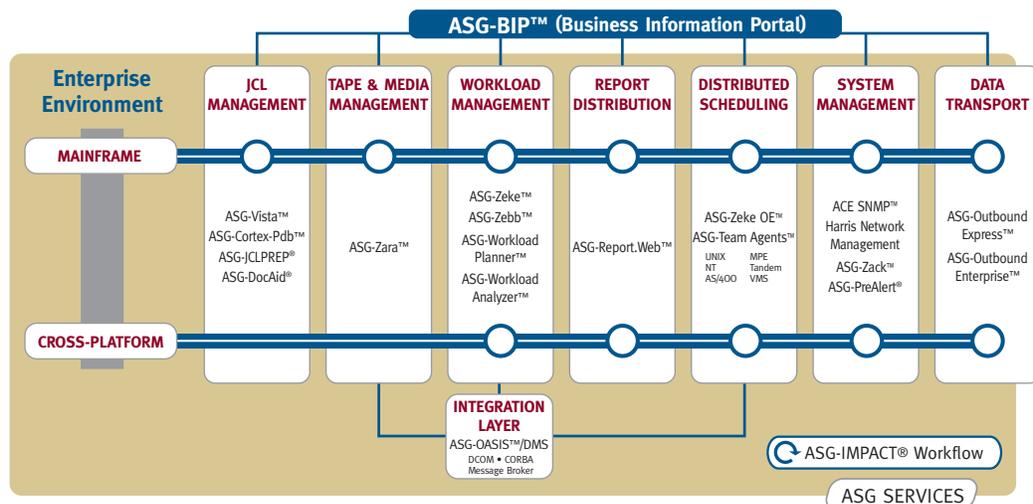
ASG-Adders® and Adders®/PC for Streamlined Data Entry

Adders allows you to handle decentralized or migrated data entry functions to intelligent PC workstations that also may serve as data entry

"We will foster the association of trust through responsible actions and honest communication."

Kristi Rieger
Chief Operating Officer &
General Counsel

ASG Operations Management Blueprint



This operations management blueprint supports ASG's distributed management philosophy. ASG provides parallel operations management strategies and supports the fundamental operations management activities for centralized and distributed environments.

devices. Adders migrates and expands with your enterprise. It is an independent, powerful online data entry product that saves a tremendous amount of time, money, and labor hours by streamlining the data entry process.

Adders allows you to enter data directly into your mainframe. Validation of data occurs immediately upon entry of the data and errors are identified immediately as the data is being keyed. It is user-friendly, providing online help, screen prompting, and excellent user documentation. Adders provides fast start-up time — no front-end programming or operating system modifications are necessary.

Adders/PC provides the same data entry functionality for the PC as Adders provides for the mainframe. Adders/PC consists of three steps for setting up an application: “painting” the screen; setting up validation rules; specifying the command set to determine the display sequence for data entry screens; and setting up batch totals and other batch controls.

ASG-Batch Bridge™ for Linking Schedulers and Applications

Batch Bridge provides the missing link between existing schedulers and distributed applications. 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. 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 Batch Bridge job.

ASG-CMSDOS™ for VSE Library Access

If you are looking to save disk space and eliminate system errors, ASG provides the CMSDOS solution. 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-Cortex-MI™ Suite for System Migration

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 to 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™ for VSE/ESA to z/OS or OS/390® Migration

Cortex-MS is the standard, world-leading VSE/ESA to z/OS or OS/390 migration solution which converts, en masse, VSE/ESA programs, JCL and files to z/OS or OS/390.

ASG-Cortex-RE™ for Smooth JCL Standard Implementation

Cortex-RE loads the ASG-Cortex-Pdb™ repository with the analysis data of your current OS/390® operations and helps you ensure the implementation of new JCL standards.

ASG-Cortex-MS™ for Converting VSE/ESA to z/OS™ or OS/390®

Cortex-MS (Migration System) is a set of customizable software tools and a method for migrating an IT center from VSE/ESA to

z/OS or OS/390. Cortex-MS automates most of the tasks involved in converting VSE/ESA applications to z/OS or OS/390 — without disrupting day-to-day IT production. Without Cortex-MS, a complete migration may take six to nine months to complete. Cortex-MS uses the en masse switchover technique, making it possible to migrate all of your applications in just a couple of days. Cortex-MS has migrated hundreds of sites worldwide.

Other ASG Products that Work with ASG-Cortex-MS

- ASG-Cortex-Pdb™ for documenting IT production operations and generating production JCL
- ASG-Cortex-OMS™ for planning, scheduling, and controlling IT production operations
- ASG-Sync™ for managing data batches
- ASG-Rochade™, ASG-MethodManager™, and ASG-Vista™ for documenting IT production operations

ASG-Cortex-OMSTM (Operations Management System) for Managing Operations

Cortex-OMS is a robust suite of tools for optimizing the operations of z/OS™ and OS/390®-based IT centers.

Cortex-OMS consists of:

- ASG-Cortex-Prep™ for job setup, restart, and rerun functionality
- ASG-Cortex-Plan™ for automating job planning, scheduling, and monitoring
- ASG-Cortex-Pdb™ for documenting IT production operations and generating production JCL

As an example, Cortex-Prep computes JCL — derived from template JCL generated by Cortex-Pdb — to restart or rerun failed jobs. Cortex-Plan extracts job-scheduling information from descriptions stored in the production database.

Other ASG Products that Work with ASG-Cortex-OMS

- ASG-Workload Planner™ for graphically displaying job schedules
- ASG-Workload Analyzer™ for analyzing IT production workload
- ASG-Batch Bridge™ for running non-OS/390 jobs in an OS/390-centric environment
- ASG-Zara™ for managing removable media
- ASG-Outbound Suite™ for transferring data
- ASG-Sync™ for managing data batches
- ASG-IMPACT™ for service desk management
- ASG-Cortex MS™ for converting VSE/ESA to z/OS™ or OS/390®

ASG-Cortex-Pdb™ Production Database

Cortex-Pdb documents application objects and attributes in a production database that is compatible with any hardware or software environment. As part of the Cortex-OMS™ suite, Cortex-Pdb is also a powerful compiler that generates standardized JCL and process flows such as procedures, parameter streams, and job scheduling information for multiple environments (tests, acceptance, production, etc.) and platforms (z/OS™, OS/390®, UNIX®, etc.) in accordance with your IT standards. Cortex-Pdb streamlines the process of moving your application JCL or other command language into production.

Other ASG Products that Work with ASG-Cortex-Pdb

- ASG-JCLPREP™ for implementing JCL standards
- ASG-Life Cycle Manager™ (LCM) for moving jobs from testing to production
- ASG-Rochade™, ASG-MethodManager™, and ASG-Vista™ for documenting IT production operations
- ASG-Zeke™ for defining job schedules
- ASG-Zebb™ for restarting and rerunning jobs

- ASG-Outbound Suite™ for transferring data across various platforms
- ASG-Cortex-OMS™ for planning, scheduling, and controlling IT production operations
- ASG-Sync™ for managing data batches
- ASG-Cortex MS™ for converting VSE/ESA to z/OS™ or OS/390®

ASG-Cortex-Prep™ for Restart/Rerun of Failed Jobs

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 calendar or job plan. Cortex-Prep is part of the ASG-Cortex-OMS™ (Operations Management System) suite.

ASG-DCM™ for Dataset Status Reporting

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. DCM also automatically provides online notification about data set contention problems so your staff is always in-the-know.

ASG-Doc-Aid® for Comprehensive, Standardized, and Accurate Job Documentation

Doc-Aid provides an organization with an automated solution for creating and maintaining job documentation. Doc-Aid, which runs under TSO/ISPF or native VTAM, gathers information directly from JCL and sets up screens so that the documentation correctly reflects your job and its components. It produces finished documents in an organized, easy-to-read, hard copy format and in an online version that offers powerful cross-referencing capabilities. It releases comprehensive job reports, offering information about the components and processing flow of your jobs. This tool reduces your organization's manual processing workload — increasing the accuracy of its documentation.

Other ASG Products that Work with ASG-Doc-Aid

- ASG-Team Agents™ for distributed processing
- ASG-JCLPREP® for JCL management

ASG-IMPACT® Consolidated Service Desk Solution

IMPACT, ASG's advanced Consolidated Service Desk (CSD) solution, brings together Service Desk Management, Service Request Management, Problem Management, Change Management, Asset Management, Service Level Agreement Management, and Enterprise Notification in one fully integrated system.

IMPACT is the first distributed, open architecture, cross-platform business software solution with the technology to handle the increasingly complex technology management issues that face your organization. With IMPACT, your organization can track and resolve telephone inquiries and problems directed to the service desk, and to departments servicing internal or external customers.

An enterprise-wide approach to advanced service desk requirements, IMPACT systematically performs call logging, escalation, and resolution tracking. IMPACT's distributed application design virtually eliminates the barriers between your operating system configurations, storage devices, networks, and applications. IMPACT, because of its common data model, allows your staff to operate applications across different platforms without any disruptions. The IMPACT SQL-based applications are distributed for both applications and data in PC and mainframe environments.

Other ASG Products that Work with ASG-IMPACT

- ASG-Server Facility
- ASG-IMPACT® Automation Services
- ASG-Message Center™
- ASG-IMPACT® Customization Facility
- ASG-IMPACT® Web
- ASG-IMPACT® Expert

- ASG-KnowledgeWave®
- Timbuktu Pro for Enterprise™
- ASG-PreAlert®/IDMS for CA-IDMS® monitoring
- ASG-PreAlert®/MVS for MVS (OS/390®) monitoring
- ASG-Cortex OMS™ system for managing operations
- ASG-SmartQuest™/CICS for trapping and analyzing application abends in CICS®
- ASG-SmartQuest™/MVS for trapping and analyzing application abends in MVS (OS/390®)

ASG-JCLPREP® for Ultimate JCL Analysis, Standards, and Syntax Checker

JCLPREP is a comprehensive JCL management solution that automates JCL changes, standards enforcement, conversion, and tuning — eliminating hours of exhaustive programming for staff. Flexible and easy-to-use, JCLPREP streamlines operations, improves your data center's productivity, and reduces downtime in your production system by eliminating errors. JCLPREP is the industry standard for complete JCL management. It interfaces with ASG-Vista™ and ASG-Doc-Aid® to provide a complete view of your JCL enterprise.

This dynamic tool has the ability to perform fully customizable standards enforcement, JCL conversions and corrections together with comprehensive reporting and optional reformatting. JCLPREP shields your organization against productivity losses by ensuring that job control management is performed accurately and according to predetermined standards.

Other ASG Products that Work with ASG-JCLPREP

- ASG-Vista™ for a clear picture of environments
- ASG-Doc-Aid® for accurate, comprehensive job documentation
- ASG-Zeke™ for automated job scheduling
- ASG-Life Cycle Manager™ (LCM) for accurate change control
- ASG-Cortex-Pdb™ production database

ASG-KeyPlus and ASG-KeyPlus®/PC for Online Data Entry

KeyPlus is an online, data entry system that runs on IBM and IBM-compatible mainframes using standard 3270-type terminals. It incorporates all the features of off-line data entry systems (e.g. immediate response time) with the online benefits. The KeyPlus flexibility enables users to determine what amount of data entry work is distributed throughout the organization.

KeyPlus has the ability to access mainframe files — making it useful as a file inquiry system or a master file maintenance tool. The simplicity of entering and extracting data makes KeyPlus an easy way to generate diverse test data.

KeyPlus uses formats, jobs, batches, and operator security for controlling access at the user level. A supervisor has authority privileges and controls security to all sensitive data.

KeyPlus/PC has the data entry formats and validation procedures maintained on the mainframe and transferred to the PC via down-line load or a batch-file transfer process. This uses the same table of valid user IDs and passwords on both platforms. All editing features that are available on the mainframe are available on the PC.

ASG-OASIS™ for Inter-Application Delivery

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 (OS/390®), 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 for Inter-Application Delivery Systems

OASIS/DMS (Distributed Management Server), an optional feature of 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-ODE®, ASG-ODE®/PC, and ASG-ODE®/PCX for Data Entry

ODE (Online Data Entry) is an online tool designed for reliable, heads-down data entry, application development featuring sophisticated system control facilities. ODE is user-oriented, powerful, and advanced software that is easy to use, making it ideal for novice and expert users alike.

ODE eliminates the need for additional hardware by allowing direct entry to mainframe files. ODE will run in a CICS® environment or a VTAM-based environment and does not require key-to-disk, key-to-tape, or key-to-diskette hardware. It avoids delays caused by creating batches and transporting data.

Customize ODE to fit all your data entry needs. It allows you to define multiple occurrences of a screen field or detail line, as well as define multiple screen field types and multiple edits for screen format fields. Reformatted batches of edited data are easily output for use by other applications — saving time and money.

ODE/PC provides the same robust, dependable, data entry functionality for the PC as ODE provides for the mainframe. ODE/PCX allows for a

stand-alone application without interface to the mainframe version. ODE/PC is a runtime system that allows you to tap into the power of mainframe ODE system applications, screen formats, programs, tables, and more.

ASG-Outbound Suite™ for Multi-Platform File Transfers

Outbound Suite provides your organization with a communication channel between different platforms and enables users to share data between systems or across systems using high-speed file transfer. Transfers are made using TCP/IP or SNA. Data is transferred, disk-to-disk, in either direction and is safe, reliable, and secure. Transfers can be done manually or can be scheduled and unattended. Requests to run commands or programs on another platform can also be sent, and will be executed automatically on that platform. Many transfer options are available, such as data compression and automatic restart — providing the flexibility you need to fulfill your data transfer requirements.

ASG-Outbound Suite consists of:

- ASG-Outbound Enterprise™ for open-platform file transfers
- ASG-Outbound Express™ for mainframe-centric file transfers

ASG-Outbound Enterprise™ for Open-Platform File Transfers

With the Outbound Enterprise Application Programming Interface (API), user-developed programs read and write individual records randomly or sequentially to and from data sets of other operating systems/CPUs.

Outbound Enterprise supports transfers using SNA or TCP/IP among the following platforms:

- MVS (OS/390®)
- VSE
- CICS®
- VM/CMS
- UNIX®
- AS/400®
- RS/6000
- PC/LAN
- PCs running Windows® (3.1, NT, or 9x), NLM, or OS/2®
- TANDEM®

Other ASG Products that Work with ASG-Outbound Enterprise

- ASG-Report.Web™ for report publishing to the Web
- ASG-Sync™ for managing data batches
- ASG-Alliance™ to increase understanding of mainframe applications
- ASG-Cortex-Pdb™ production database
- ASG-Cortex-OMS™ for planning, scheduling, and controlling IT production operations
- ASG-Estimate™ to define the conversion project and provide impact candidate list
- ASG-Existing Systems Workbench™ (ESW®) to organize Application Knowledge Repositories
- ASG-Replication Suite® for distributing CA-IDMS® data
- ASG-Zeke Open Edition™ for planning and scheduling functions

ASG-Outbound Express™ for Mainframe-Centric File Transfers

Outbound Express is a dynamic, mainframe-centric, file transfer tool that enables you to transfer files of any record- or block-sized combination between disparate platforms. With Outbound Express, you will run unattended data transfers between IBM-compatible, OS/390® servers (MVS, VSE, or VM) and PCs, network servers, and AS/400® and UNIX® workstations. Outbound Express supports transfers of DB2® tables and provides the ability to extract fields from DB2 databases and VSAM and QSAM data sets.

Outbound Express is particularly well-suited for repetitive, unattended, mainframe-scheduled file transfers. It supports data transfers between OS/390, MVS, VSE, and VM and the following target platforms:

- Windows® 95, Windows® 98, Windows® NT, Windows® 3.x, and their variants
- UNIX® (AIX, SCO UNIX, HP-UX, Digital UNIX, NCR UNIX, and Sun Solaris®)
- AS/400
- Novell® NetWare
- OS/2®
- DOS

Other ASG Products that Work with ASG-Outbound Express

- ASG-Report.Web™ for report publishing to the Web
- ASG-Sync™ for managing data batches
- ASG-Cortex-Pdb™ production database
- ASG-Favorites™ for maximizing ISPF productivity
- ASG-Encore™ for leveraging mainframe applications
- ASG-Recap™ for quality measurement
- ASG-Insight™ for understanding COBOL application programs

- ASG-Replication Suite® for distributing CA-IDMS® data
- ASG-SmartDoc™ to document COBOL application programs
- ASG-Vista™ for analyzing and documenting applications
- ASG-Zeke Open Edition™ for planning and scheduling functions

ASG-PreAlert®/IDMS for CA-IDMS® Monitoring

PreAlert for IDMS is a real-time control system that monitors IDMS activity and helps data centers keep daily system productivity high. On a continual basis, PreAlert helps data processing organizations meet demanding service-level requirements and manage growing workloads.

PreAlert provides technical staff with statistical displays and alerts them to exception conditions. It corrects problems across single or multiple Central Versions (CVs) within the IDMS environment. PreAlert helps resolve unexplained system slowdowns or system interruptions. With this application, staff can also analyze and alleviate data dictionary hang-ups, looping, and deadlocks.

PreAlert helps your IDMS professionals handle additional responsibilities while remaining confident in their existing operations.

Other ASG Products that Work with ASG-PreAlert/IDMS

- ASG-SIRF® for CA-IDMS®
- ASG-PreAlert®/MVS for MVS (OS/390®) monitoring
- ASG-IMPACT® consolidated service desk solution

ASG-PreAlert®/MVS for MVS (OS/390®) Monitoring

PreAlert/MVS is a robust, real-time control system that monitors activity and displays statistical data. It informs technical staff of exception conditions and corrects problems across single or multiple MVS address spaces.

By collecting statistics on hundreds of MVS events, PreAlert dramatically increases your data center's level of automation. The PreAlert system can help your organization satisfy demanding service level agreements, manage growing workloads, resolve unexplained system slowdowns or interruptions, and fine-tune MVS for maximal system performance and throughput. PreAlert promotes more efficient use of your computer resources.

Other ASG Products that Work with ASG-PreAlert/MVS

- ASG-SIRF® for CA-IDMS®
- ASG-PreAlert®/IDMS for CA-IDMS® monitoring
- ASG-IMPACT® (Service Facility)

ASG-Sync™ for Managing Data Batches

Sync for z/OS™ and OS/390® manages data batches flowing between asynchronous IT processes — local or remote. Sync streamlines your organization's data-batch management by storing and documenting data batches in a separate catalog (a supplement to the operating system's catalog). Sync collects any number of data-set generations and stores and manages them for availability to your applications or end users. With this process, altering your application JCL is unnecessary.

Other ASG Products that Work with ASG-Sync

- ASG-Cortex-Pdb™ for documenting IT production operations and generating production JCL
- ASG-Cortex-OMST™ for planning, scheduling, and controlling IT production operations

- ASG-Report.Web™ and ASG-WebDocumentz for document management
- ASG-Outbound Suite™ for transferring data across various platforms
- ASG-Cortex MS™ for converting VSE/ESA to z/OS™ or OS/390®

ASG-Workload Analyzer™ Job Analysis Tool

Workload Analyzer™, a PC-based analysis tool, provides an enterprise with invaluable insight into its batch-window processing by tracking and analyzing processing performance, detecting problem areas, and presenting analysis of the processing in graphic format for easy understanding. Workload Analyzer is a superb tool for data centers, saving staff from time-consuming data analysis.

Workload Analyzer displays executed jobs and identifies where jobs were abended or where time was lost. It graphically captures job run-time data from the System Management Facility (SMF), expediting analysis of processing trends, helping to resolve bottlenecks, and improves operational productivity in an OS/390® environment.

Other ASG Products that Work with ASG-Workload Analyzer

- ASG-Workload Planner™ for planning mainframe job scheduling
- ASG-Vista® for application understanding
- ASG-Zeke™ (OS/390 only) automated job scheduler
- ASG-Cortex OMS™ for managing operations

ASG-Workload Planner™ Job Planning Tool for Mainframe Scheduling

Workload Planner gives your data center staff the tools to better understand complex schedules from a variety of mainframe scheduling systems and helps them forecast future scheduling performance. Workload Planner takes complex information contained in a scheduling system's database and translates it into interactive and graphic flowcharts for data processing staff. The forecast information, also collected from the scheduling system, is used to create a series of graphs that predict the performance of scheduled processing.

Workload Planner provides a comprehensive flow chart of all scheduled jobs. By changing timing information, the addition or removal of jobs to and from a schedule is also modeled. This function allows you to simulate “what-if” scenarios to gauge a change's impact on batch-window processing.

Other ASG Products that Work with ASG-Workload Planner

- ASG-Workload Analyzer™ — job analysis tool
- ASG-Zeke™ for automated scheduling
- ASG-Vista™ for mainframe understanding
- ASG-Cortex OMS™ for managing operations

ASG-Workload Scheduler™ for Managing Complicated Workloads

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-Zack™ for Automated Console Management

Providing automated systems operations, Zack monitors all console activity and events continuously.

Zack independently handles routine events and alerts your operators to situations demanding further attention. Zack allows operators to concentrate on more pressing tasks.

Other ASG Products that Work with ASG-Zack

- ASG-Zeke™ (for VSE) automated job scheduler

ASG-Zara™ Automated Tape Management Tool

Zara is a cost-effective, online media management system that secures, audits, and monitors valuable IT data in an OS/390® environment while providing real-time access to tape management data.

With Zara's easy-to-use and formatted screens, its simple operating commands, and its online customization features, your technical staff will quickly master the system. Zara vigilantly protects critical data through retention, interactively tracks data for administration and reporting purposes, offers real-time robotic support, and provides sophisticated vaulting functions. Zara also tracks the physical location and the data-set contents for every volume, determines the status of tapes, and performs database maintenance.

Zara's spectrum of functions gives an organization greater control of its tape libraries. After JCL has called all the data sets, Zara stores information about tape cartridges. Zara also identifies media that should be scratched for reuse and data sets or volume numbers that should be protected. Zara tracks archived data whether it is stored on-site or off-site. With this tool, your staff will enjoy access to in-house and off-site information — presented in online displays and hard copy reports.

Other ASG Products that Work with ASG-Zara

- ASG-Zebb™ for restart and rerun management
- ASG-Zeke™ automated job scheduler
- ASG-Cortex OMS™ for managing operations

ASG-Zebb™ Automated Job Restart/Rerun System

Zebb is an automated restart system that monitors jobs on one or multiple mainframe computers. It evaluates and logs the execution steps within jobs and provides automated restart and recovery capabilities. Zebb significantly reduces the amount of manual work required to restart or rerun jobs in IBM OS/390® environments — dramatically reducing the possibility of human error and improving productivity.

Other ASG Products that Work with ASG-Zebb

- ASG-Zeke™ for automated job scheduling
- ASG-Zara™ for tape management
- ASG-Cortex-Pdb™ production database

ASG-Zeke™ for OS/390® and VSE Enterprise Event Scheduling

Zeke is an automated job scheduler that dynamically schedules and dispatches events, and monitors every aspect of your job schedule. Zeke provides wide-ranging functionality, including system command scheduling, automatic variable calculation and substitution, step-level condition-code validation, workload balancing, schedule forecasting and simulation, SAF security, optional SMP/E support, simultaneous support for multiple JCL libraries, electronic vaulting capabilities, pre-built calendars, and other utilities.

When you add ASG-Team Agents™, scheduling is extended to all the major platforms, including Unix®, OS/400®, Windows® NT, VMS®, MPE®, and Tandem®.

Other ASG Products that Work with ASG-Zeke

- ASG-Team Agents™ for scheduling to heterogeneous environments
- ASG-Zebb™ for automated job restart/rerun
- ASG-Zara™ for automated tape management
- ASG-Workload Planner™ for job planning when scheduling
- ASG-Workload Analyzer™ for job analysis
- ASG-JCLPREP® JCL Management
- ASG-Vista™ for application understanding
- ASG-Zack™ for automated VSE console management
- ASG-Cortex-Pdb™ production database
- ASG-Doc-Aid® for comprehensive, standardized, and accurate job documentation

ASG-Zeke Open Edition™ (Zeke OE™) for Automated Job Scheduling for Distributed Platforms

Zeke OE automates job scheduling for the distributed platform environment.

Zeke OE is a multi-platform, batch-scheduling tool for IT enterprises not operating on mainframes. Based on Windows® NT, Zeke OE provides job scheduling capabilities for NT servers and manages multiple platforms such as Windows®NT, UNIX®, AS/400®, and Linux® with the same functionality and reliability as a mainframe scheduler.

Other ASG Products that Work with ASG-Zeke Open Edition

- ASG-Team Agents™ for distributed scheduling
- ASG-Outbound Suite™ for transferring data across various platforms
- ASG-Vista™ for migration preparation
- ASG-Zeke™ automated job scheduler

e-Security Administrator Workbench™† for Creating Rule-Based Security Agents

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™† for Responding to Security Events

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 arise, 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 with 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.

Harris Network Management (HNM™)† for Managing Network Devices

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 graphic display, with drill-down capability, visually identifies and evaluates network alerts for faster response time. HNM interfaces directly with ASG-IMPACT®.

Open e-Security Platform™† for Single-Point Security Monitoring

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 graphic 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.

Timbuktu Pro™† for Client Remote Control

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

As your IT developers responsible for traditional applications continue to encounter emerging technologies, you may be faced with an IT generation gap. ASG applications management products ensure your success in bridging the technology gap by providing the foundation necessary to resolve growing enterprise challenges. Applications management products enable you to assess and analyze your existing systems first, then integrate the new application architectures, thus enhancing your ability to manage business-critical applications.

The “blueprint” below depicts the strategic deployment of ASG application management solutions.

ASG-CATS™ is Change Management for CICS® 3.x, 4.x, and Transaction Server

CATS is a CICS change management productivity tool designed for applications and systems programmers. With this tool, programmers perform CICS changes with ease across all OS/390® CICS environments, reduce resource request time, provide history of changes, eliminate assembly errors, and automate the handling of repetitive maintenance tasks. With its centralized, streamlined, and automated processes, CATS ensures greater productivity.

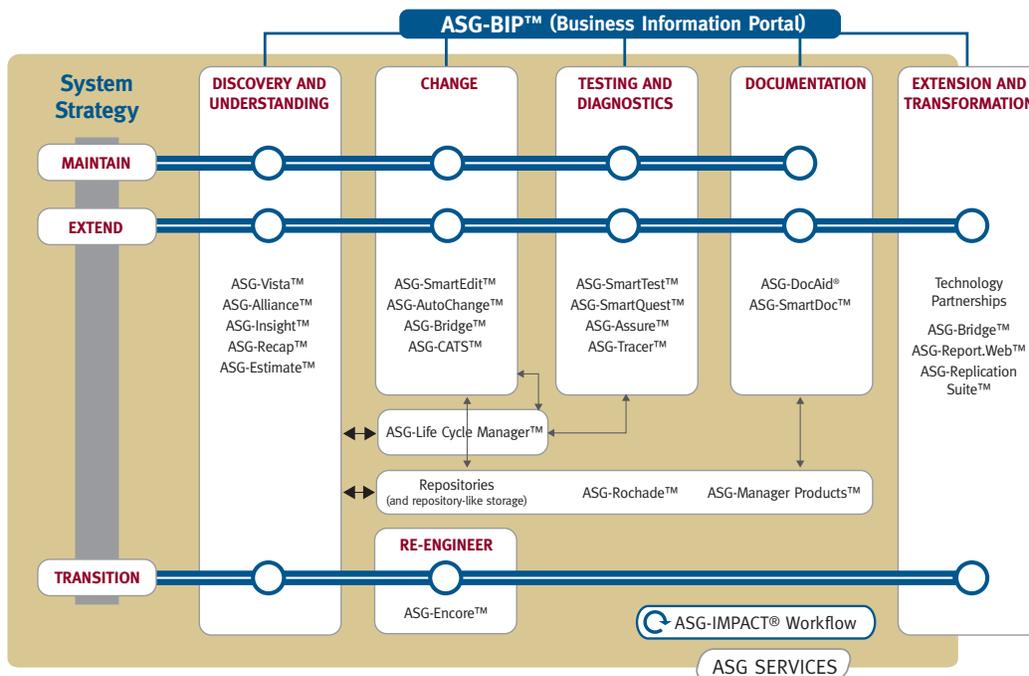
Other ASG Products that Work with ASG-CATS

- ASG-CSD/Auditor™ for automating the multitude of tasks associated with the analysis, reporting, and updating of CSD files

“We choose to work side-by-side with customers to deliver real results and to add the value of a true partner committed to each customer’s business success.”

Kristi Rieger
Chief Operating Officer &
General Counsel

ASG Applications Management Blueprint



This applications management blueprint depicts the ASG view that there are three fundamental strategies to managing the evolution of existing systems: maintenance, extension, and transition.

ASG-CSD/Auditor™ for CSD Maintenance

CSD/Auditor, an analysis and maintenance tool for your CICS® systems programmers, automates many of the tasks associated with the analysis, reporting, and updating of CICS System Definition (CSD) files.

By providing vital information on the status of CSD files and facilities, this tool makes it possible to automate your file maintenance. A mainframe- and Windows®-based product, CSD/Auditor generates more than 25 standard reports on CSDs and regions. It determines the condition of CSD files and then allows you to produce batch jobs to clean up CSDs.

Other ASG Products that Work with ASG-CSD/Auditor

- ASG-CATS® for centralized and auditable CICS resource change management

ASG-Existing Systems Workbench™(ESW®) Suite for Managing Existing Systems

ESW is an integrated product suite providing a life-cycle solution for managing your existing systems in conjunction with the ASG application management product line.

ESW uses the Analytical Engine™ to populate the Application Knowledge Repository™ (AKR™), giving you access to a wealth of information about your applications. Products within the ESW suite leverage information stored in the AKR.

ASG-Alliance™ for Understanding Applications

Alliance is the application-understanding component of ASG's Existing Systems Workbench®, an integrated life-cycle solution for managing your existing systems.

Alliance uses the Analytical Engine™ to populate the Application Knowledge Repository™ (AKR™), revealing a wealth of information about your organization's applications. Alliance can help your organization increase its understanding of applications and define project plans for mainframe applications.

Other ASG Products that Work with ASG-Alliance

- ASG-Estimate™ to estimate resources required for a project
- ASG-Recap™ to measure and report on application quality
- ASG-Insight™ to provide in-depth, program-level understanding
- ASG-SmartEdit™ to make source code changes
- ASG-SmartDoc™ to document COBOL application programs
- ASG-SmartTest™ to make changes to applications
- ASG-AutoChange™ to apply mass changes to applications
- ASG-Outbound Suite™ for transferring data across various platforms
- ASG-Favorites™ to manage source libraries and ESW Application Knowledge Repositories
- ASG-Bridge™ for real-time data bridging
- ASG-Encore™ for leveraging mainframe applications
- ASG-SmartQuest™/CICS for trapping and analyzing application abends in CICS®
- ASG-SmartQuest™/MVS for trapping and analyzing application abends in MVS (OS/390®)

ASG-AutoChange™ for COBOL Automated Mass Change

AutoChange is the COBOL, automated mass-change component of ASG's Existing Systems Workbench® (ESW®), an integrated life-cycle solution for managing existing systems.

AutoChange uses application information added to the Application Knowledge Repository™ (AKR™) by ASG-Alliance™. It also uses ASG-Estimate™ to define an impact list and employs ASG-Insight™ and ASG-SmartEdit™ to automate code change strategies. AutoChange uses the application knowledge to provide COBOL with intelligent, automated, mass-change facilities.

Other ASG Products that Work with ASG-AutoChange

- ASG-Alliance™ to provide impact candidate list and mainframe application understanding
- ASG-Estimate™ to define the conversion project and provide impact candidate list
- ASG-Recap™ to measure and report on application quality before and after conversion
- ASG-Insight™ to provide in-depth, program-level understanding
- ASG-SmartEdit™ to make source code changes
- ASG-SmartDoc™ to document converted COBOL application programs
- ASG-SmartTest™ to test changes to applications
- ASG-Bridge™ to bridge data in real time
- ASG-Favorites™ to manage source libraries and ESW Application Knowledge Repositories
- ASG-Encore™ for leveraging mainframe applications

ASG-Bridge™ for Real-Time Data Bridging

Bridge is the real-time, data-bridging component of ASG's Existing Systems Workbench® (ESW®), an integrated life-cycle solution designed to help you manage your organization's existing systems.

Bridge supports database conversion projects. It has proprietary facilities for intercepting file and database access in order to supply dynamically translated data to your application programs. Bridge's high-performance, data conversion routines feed applications with data in a converted or pre-converted state.

Other ASG Products that Work with ASG-Bridge

- ASG-Alliance™ to increase understanding of mainframe applications
- ASG-Estimate™ to define the conversion project and provide impact candidate list
- ASG-Recap™ to measure and report on application quality before and after conversion

- ASG-Insight™ to provide in-depth, program-level understanding
- ASG-SmartEdit™ to make source code changes
- ASG-SmartDoc™ to document converted COBOL application programs
- ASG-SmartTest™ to make changes to applications
- ASG-AutoChange™ to implement real-time, data-bridging strategies
- ASG-Favorites™ to manage source libraries and ESW Application Knowledge Repositories

ASG-Encore™ for Leveraging Mainframe Applications

Encore is the COBOL reengineering component of ASG's Existing Systems Workbench® (ESW®), an integrated life-cycle solution for managing your organization's existing systems.

Encore uses the Analytical Engine™ to populate the Application Knowledge Repository™ (AKR™) so that code segments can be extracted based on business logic, user interface, and database access. From these code segments, Encore creates reusable COBOL components. With this application, your company can leverage its mainframe applications and prepare for e-business.

Other ASG Products that Work with ASG-Encore

- ASG-Alliance™ to understand mainframe applications
- ASG-Estimate™ to define and estimate application projects
- ASG-Recap™ to manage mainframe applications
- ASG-Insight™ to provide in-depth, program-level understanding
- ASG-SmartEdit™ to make source code changes
- ASG-SmartDoc™ to document COBOL application programs
- ASG-SmartTest™ to make changes to applications
- ASG-AutoChange™ to apply mass changes to applications

- ASG-Outbound Suite™ to transfer reports from ESW components
- ASG-Favorites™ to manage source libraries and ESW Application Knowledge Repositories

ASG-Estimate™ for Managing Mainframe Projects

Estimate is the project definition and estimation application in the ASG's Existing Systems Workbench® (ESW®) suite of integrated, life-cycle solutions for management of existing systems.

Estimate uses the Analytical Engine™ to populate the Application Knowledge Repository™ (AKR™) to provide your organization with instant access to a wealth of information about its applications. Estimate defines mainframe application projects, enabling mainframe-rich organizations to anticipate necessary project resources.

Other ASG Products that Work with ASG-Estimate

- ASG-Alliance™ to understand mainframe applications
- ASG-Recap™ to measure and report on application quality
- ASG-Insight™ to provide in-depth, program-level understanding
- ASG-SmartEdit™ to make source code changes
- ASG-SmartDoc™ to document COBOL application programs
- ASG-SmartTest™ to make changes to applications
- ASG-AutoChange™ to apply mass changes to applications
- ASG-Outbound Suite™ to transfer reports from ESW components
- ASG-Favorites™ to manage source libraries and ESW Application Knowledge Repositories
- ASG-Bridge™ for real-time data bridging
- ASG-Encore™ for leveraging mainframe applications

ASG-Insight™ for Understanding COBOL Application Programs

Insight is the COBOL-understanding component of ASG's Existing Systems Workbench® (ESW®), an integrated life-cycle solution for managing your existing systems.

Insight populates the Application Knowledge Repository™ (AKR™) with Analytical Engine™ to provide you with the tools for navigating and deciphering COBOL applications programs. Insight enhances the understanding of COBOL program flow and data usage for more intelligent application maintenance.

Other ASG Products that Work with ASG-Insight

- ASG-Alliance™ to understand mainframe applications
- ASG-Estimate™ to define and estimate application projects
- ASG-Recap™ to manage mainframe applications
- ASG-SmartEdit™ to make source code changes
- ASG-SmartDoc™ to document COBOL application programs
- ASG-SmartTest™ to make changes to applications
- ASG-AutoChange™ to apply mass changes to applications
- ASG-Outbound Suite™ to transfer reports from ESW components
- ASG-Favorites™ to manage source libraries and ESW Application Knowledge Repositories
- ASG-Bridge™ for real-time data bridging
- ASG-Encore™ for leveraging mainframe applications
- ASG-SmartQuest™/CICS for trapping and analyzing application abends in CICS®
- ASG-SmartQuest™/MVS for trapping and analyzing application abends in MVS (OS/390®)

ASG-Recap™ for Quality Measurement

Recap is the component of ASG's Existing Systems Workbench® (ESW®), an integrated life-cycle solution for managing existing systems that measures the quality of applications.

Recap uses Analytical Engine™ to populate the Application Knowledge Repository™ (AKR™), giving your IS professionals an automated tool for conducting a portfolio analysis of every application in your environment.

Recap presents measurement data in a format that dramatically improves your organization's decision-support process and enables you to align business and technical goals.

Other ASG Products that Work with ASG-Recap

- ASG-Alliance™ to understand mainframe applications
- ASG-Estimate™ to define and estimate application projects
- ASG-Insight™ to provide in-depth, program-level understanding
- ASG-SmartEdit™ to make source code changes
- ASG-SmartDoc™ to document COBOL application programs
- ASG-SmartTest™ to make changes to applications
- ASG-AutoChange™ to apply mass changes to applications
- ASG-Outbound Suite™ to transfer reports from ESW components
- ASG-Favorites™ to manage source libraries and ESW Application Knowledge Repositories
- ASG-Bridge™ for real-time data bridging
- ASG-Encore™ for leveraging mainframe applications

ASG-SmartDoc™ for Documenting COBOL Application Programs

SmartDoc is the COBOL-documentation component of ASG's Existing Systems Workbench® (ESW®), an integrated life-cycle solution for managing your company's existing systems.

SmartDoc uses Analytical Engine™ to populate the Application Knowledge Repository™ (AKR™), thereby providing documentation for COBOL application programs. SmartDoc helps to quickly produce the documentation required for application maintenance and management processes.

Other ASG Products that Work with ASG-SmartDoc

- ASG-Alliance™ to understand mainframe applications
- ASG-Estimate™ to define and estimate application projects
- ASG-Recap™ to manage mainframe applications
- ASG-Insight™ to understand COBOL application programs
- ASG-SmartEdit™ to edit COBOL application programs
- ASG-SmartTest™ to make changes to applications
- ASG-Outbound Suite™ to transfer reports from ESW components
- ASG-Favorites™ to manage source libraries and ESW Application Knowledge Repositories
- ASG-AutoChange™ for COBOL automated mass change
- ASG-Bridge™ for real-time data bridging
- ASG-Encore™ for leveraging mainframe applications
- ASG-SmartQuest™/CICS for trapping and analyzing application abends in CICS®
- ASG-SmartQuest™/MVS for trapping and analyzing application abends in MVS (OS/390®)

ASG-SmartEdit™ COBOL-Intelligent Editor

SmartEdit is the COBOL-intelligent editor for ASG's Existing Systems Workbench® (ESW®), an integrated, life-cycle solution for managing existing systems.

SmartEdit uses the Analytical Engine™ to provide COBOL program intelligence to the ISPF editor, facilitating any changes to COBOL application programs. SmartEdit increases an organization's comprehension of COBOL programs — enabling staff to quickly make changes to resume program production faster.

Other ASG Products that Work with ASG-SmartEdit

- ASG-Alliance™ to understand mainframe applications
- ASG-Estimate™ to define and estimate application projects
- ASG-Recap™ to manage mainframe applications
- ASG-AutoChange™ to automatically perform designated changes on a repeat basis for a variety of programs
- ASG-Bridge™ to bridge data
- ASG-Insight™ to understand COBOL application programs
- ASG-SmartDoc™ to document COBOL application programs
- ASG-SmartTest™ to make changes to applications
- ASG-Favorites™ to manage source libraries
- ASG-Encore™ for leveraging mainframe applications

ASG-SmartQuest™/CICS for Trapping and Analyzing Application Abends in CICS®

SmartQuest/CICS is an interactive fault analyzer with built-in source language support and a component of ASG's Existing Systems Workbench® (ESW®), an integrated life-cycle solution for managing existing systems.

With SmartQuest, your staff has the tools to intercept and capture application abends in

a CICS environment. Navigating application dumps is easy with SmartQuest's user-friendly interface.

Other ASG Products that Work with ASG-SmartQuest/CICS

- ASG-IMPACT® to open problem tickets for faults trapped by ASG-SmartQuest™/CICS
- ASG-Alliance™ to understand mainframe applications
- ASG-Insight™ to understand COBOL application programs
- ASG-SmartDoc™ to document COBOL application programs
- ASG-SmartTest™/CICS to test/debug in a CICS environment
- ASG-SEdit™/MVS to prepare test data

ASG-SmartQuest™/MVS for Trapping and Analyzing Application Abends in MVS (OS/390®)

SmartQuest/MVS is an interactive fault analyzer with built-in source language and a component of ASG's Existing Systems Workbench® (ESW®), an integrated life-cycle solution for managing existing systems.

With SmartQuest, your staff will have the tools to intercept and capture application abends on MVS. Navigating application dumps is easy with SmartQuest's user-friendly interface.

Other ASG Products that Work with ASG-SmartQuest/MVS

- ASG-IMPACT® to open problem tickets for faults trapped by ASG-SmartQuest for MVS (OS/390®)
- ASG-Alliance™ to understand mainframe applications
- ASG-Insight™ to understand COBOL applications programs
- ASG-SmartDoc™ to document COBOL applications programs

- ASG-SmartTest™ to test/debug in the TSO environment and in batch environments
- ASG-SmartTest™/IMS to test/debug IMS DC applications programs
- ASG-SEdit™ MVS to prepare test data

ASG-SmartTest™ for Interactive Testing and Debugging

SmartTest is the interactive tester/debugger for ASG's Existing Systems Workbench® (ESW®) an integrated life-cycle solution for managing existing systems.

SmartTest uses the Analytical Engine™ to populate the Application Knowledge Repository™ (AKR™) to provide source-level debugging for COBOL, Assembler and PL/I application programs. SmartTest provides the tool to quickly set up, execute, and log an application test session. Use ASG-SmartTest™/CICS® to test/debug in the CICS environment or ASG-SmartTest™/IMS to test/debug IMS DC application programs.

Other ASG Products that Work with ASG-SmartTest

- ASG-Alliance™ to understand mainframe applications
- ASG-Estimate™ to define and estimate application projects
- ASG-Recap™ to manage mainframe applications
- ASG-AutoChange™ to implement repetitive changes to many programs
- ASG-Bridge™ to implement data bridging
- ASG-Insight™ to understand COBOL application programs
- ASG-SmartDoc™ to document COBOL application programs
- ASG-SmartTest™/CICS® to test/debug in the CICS environment
- ASG-SmartTest™/IMS to test/debug IMS DC application programs
- ASG-SEdit™ MVS to prepare test data
- ASG-Encore™ for leveraging mainframe applications
- ASG-SmartQuest™/MVS for trapping and analyzing application abends in MVS (OS/390®)
- ASG-SmartEdit™ COBOL-intelligent editor

ASG-SmartTest™/CICS for Testing and Debugging in CICS

SmartTest/CICS is the CICS environment interactive tester and debugger for ASG's Existing Systems Workbench® (ESW®) an integrated life-cycle solution for managing existing systems.

SmartTest for CICS uses the Analytical Engine™ to populate the Application Knowledge Repository™ (AKR) to provide source-level debugging for COBOL, Assembler, and PL/I applications programs in the CICS environment.

SmartTest for CICS provides the tool to quickly set up, execute, and log an application test session.

Other ASG Products that Work with ASG-SmartTest/CICS

- ASG-Alliance™ to understand mainframe applications
- ASG-Estimate™ to define and estimate application projects
- ASG-Recap™ to manage mainframe applications
- ASG-AutoChange™ to implement repetitive changes to many programs
- ASG-Bridge™ to implement data bridging
- ASG-Insight™ to understand COBOL application programs
- ASG-SmartDoc™ to document COBOL application programs
- ASG-SmartEdit™/MVS to edit COBOL application programs
- ASG-SmartTest™ to test and debug batch, TSO, and ISPF applications

- ASG-SmartTest™/IMS to test/debug IMS DC application programs
- ASG-SEdit™/MVS to prepare test data
- ASG-SmartQuest™/CICS for trapping and analyzing application abends in CICS®

ASG-SmartTest™/IMS for Interactive IMS/DC Testing and Debugging

SmartTest/IMS is the interactive tester and debugger for IMS/DC applications for ASG's Existing Systems Workbench® (ESW®), an integrated life-cycle solution for managing existing systems.

SmartTest/IMS uses the Analytical Engine™ to populate the Application Knowledge Repository™ (AKR) to provide source-level debugging for COBOL, Assembler, and PL/I IMS/DC applications programs. SmartTest/IMS provides the tool to quickly setup, execute, and log an application test session.

Other ASG Products that Work with ASG-SmartTest/IMS

- ASG-Alliance™ to understand legacy applications
- ASG-Estimate™ to define and estimate application projects
- ASG-Recap™ to manage legacy applications
- ASG-AutoChange™ to implement repetitive changes to many programs
- ASG-Bridge™ to implement data bridging
- ASG-Insight™ to understand COBOL application programs
- ASG-SmartDoc™ to document COBOL application programs
- ASG-SmartEdit™ to edit COBOL application programs
- ASG-SmartTest™ to test/debug batch, TSO, and ISPF applications
- ASG-SmartTest™/CICS to test/debug applications in the CICS environment
- ASG-SEdit™ MVS™ to prepare test data
- ASG-SmartQuest™/MVS for trapping and analyzing application abends in MVS (OS/390®)

ASG-DBOL™ for Retrieving CA-IDMS® Updates

DBOL (Database Online) is an online utility that dynamically retrieves and updates data on any IDMS database. With DBOL, you can issue IDMS commands (OBTAIN, MODIFY, ERASE, etc.) directly from your terminal. The DBOL/LRF™ (Logical Record Facility) tool will also automatically format logical records for you.

DBOL assists with correcting database problems and generating test cases to debug and troubleshoot programs more efficiently. With this true, menu-driven facility, you'll no longer need to remember DML command syntax for IDMS database problem-solving and testing.

DBOL populates a handful of test records and inspect the results of the test runs or patches the data back to its original state.

ASG-Fast Access® for Quicker CA-IDMS® Read, Load, and Update

Fast Access reduces your processing time for IDMS database read, load, and update jobs. Fast Access performs I/O by acquiring extra buffer storage and loading it by track- or cylinder-increments — satisfying program requests for I/O at higher CPU speeds.

For batch jobs that sequentially access the IDMS database, Fast Access reduces processing time. As its name suggests, Fast Access gives you faster access to vital information and increases throughput without introducing costly system upgrades.

ASG-Favorites™ for Maximizing ISPF Productivity

Favorites provides application developers with a tool for managing and organizing your application data sets more logically to increase productivity. This tool also provides shortcuts to popular ISPF functions.

Other ASG Products that Work with ASG-Favorites

- ASG-Existing Systems Workbench™ (ESW®) to organize Application Knowledge Repositories
- ASG-Outbound Suite™ to copy application resources to other platforms
- ASG-SEdit™ MVS to edit sequential data, PDS members, and VSAM databases
- ASG-Alliance™ for understanding applications
- ASG-AutoChange™ for COBOL automated mass change
- ASG-Bridge™ for real-time data bridging
- ASG-Encore™ for leveraging mainframe applications
- ASG-Estimate™ for managing mainframe projects
- ASG-Insight™ for understanding COBOL application programs
- ASG-Recap™ for quality measurement
- ASG-SmartDoc™ for documenting COBOL application programs

ASG-FCopy™ for Fast CMS Copying

If you copy files using the IBM-supplied COPY-FILE command, then you are used to waiting. Thanks to FCopy, the wait is over. FCopy performs all CMS COPY functions many times faster and provides system performance improvements on a daily basis, across many activities. 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-Guest™/APT for Data Query Systems

Improve user productivity and get the information you need, when you need it. 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 for Online and Batch Application Development

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

ASG-Guest™/SMS for Program Development

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 Guest/SMS. 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-Journal Manager™ for Controlling CA-IDMS® Journal Activities

Journal Manager is a comprehensive journal management tool that helps your organization control all IDMS journal, archive-based activities within an OS/390® environment. Journal Manager ensures that recovery procedures have accurate and precise input by allowing the capture of information and the saving of journal files to the Journal Manager VSAM file. Journal Manager also tracks all journal archives created by Central Version off-loads and local mode updates, while automating the ordering of these input files.

Other ASG Products that Work with ASG-Journal Manager

- Replication Suite® for distributing IDMS data

ASG-LIBR™ for Library Maintenance

LIBR saves time and provides insurance against data entry error that may prevent production work from being run. LIBR also provides peace of mind because it limits the use of library update features to only those users with authorization. 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.

ASG-Life Cycle Manager™ (LCM) for Change Control

LCM is an easy-to-use, menu-driven software product that controls changes to software or documents and ensures only authorized changes are incorporated into sanctioned base-lines, releases, or production environment. LCM brings order to the development process by helping control the migration of changes throughout the software or document life cycle. Life Cycle Manager provides functionality for the entire development span through OS/390® or MVS.

Other ASG Products that Work with ASG-Life Cycle Manager

- ASG-Cortex-Pdb™ production database
- ASG-JCLPREP® will have an interface to LCM Version 3.1

ASG-Manager Products™ for Enterprise Meta-Data Management

Manager Products control information about the entities running your business from one single point. While the Manager Products family provides out-of-the-box support for many meta-data sources and predefined Repository Information Models (RIMs) at software development and production organizations, it can also be easily customized for your organization.

The underlying repository provides a means for integrating, exchanging, and reusing the meta-data, creating a foundation for information

engineering across different tools and platforms. Storing the master set of meta-data in the repository prevents lock-in of individual tools, ensuring that models within and across project teams are high quality and consistent.

Manager Products use enterprise information to support the following:

- Applications and database development
- Database administration
- Data warehouse management
- Data modeling and design automation
- DDL generation
- Change management
- Documentation

ASG-Replication Suite™ for CA-IDMS® Data Distribution

Replication Suite lets you distribute data selectively from IDMS for use by Web-enabled, client/server, desktop, mobile, or mainframe applications. This process is accomplished with a comprehensive set of tools that enables you to load, update, and transform data into more than 80 different formats.

Replication Suite is comprised of:

- ASG-Table Designer™
- ASG-Journal Manager™
- ASG-Tracer®
- ASG-Replication Agent™

Other ASG Products that Work with ASG-Replication Suite

- ASG-Virtual DB™ for creating virtual copies of IDMS databases
- ASG-Outbound Suite™ for multi-platform and mainframe-scheduled file transfers

ASG-PageFix™ for Online CA-IDMS® Modifications

Trying to make changes to database pages can be a grueling and tedious affair. PageFix changes that by enabling you to view and modify the IDMS 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. The best part of all, is that you don't need to employ other software to reap the rewards of PageFix.

ASG-Paint™ for Online CMS Screen Building

Reduce the time and cost associated with designing screens for use with CMS applications using Paint. It 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-Virtual DB™ for Creating Virtual Copies of CA-IDMS® Databases

Virtual DB allows an organization to create multiple virtual copies of IDMS databases for use across a broad range of environments such as development, production, operations, and various end-user activities. As part of the ASG-Replication Suite™, Virtual DB reduces the amount of DASD required to support multiple database copies and breaks through the limitations inherent in partial data and simulated test cases. Virtual DB also enables you to execute safe hot backups that run concurrently during normal update transactions.

Other ASG Products that Work with ASG-Virtual DB

- ASG-Replication Suite® for distributing IDMS data

ASG-Rainbow™ for Migration Control

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 Rainbow repository. Rainbow ensures that all software is migrated, while guaranteeing its integrity.

ASG-Rochade™ — the Leading Meta-Data Repository

The Rochade repository provides a central point for collection, control, management, and reuse of information assets. Rochade enables effective management of meta data (data about data) in a complex environment. Whether it is versioning, configuration management, or security at the most detailed level, Rochade provides support for your meta-data management strategy.

Rochade is the foundation for solving a wide range of problems that occur at the boundaries between business and technology, and across technologies. It supports the reconciliation of business and design models, integration of different tools, resolution of conflicts in data definitions, and ensures a common understanding of information in the enterprise. Whether the challenge is knowledge management, data warehouse management, application development, enterprise application integration, or the management of mergers and acquisitions, Rochade is the solution.

The Rochade repository provides:

- Integration of meta data from many different tools, languages, and environments
- An XML interface to support exchange of meta data

- Web-based access to meta data
- Many interfaces to support CASE tools, modeling tools, application development tools, DBMSs, and more
- Extensive model management for Repository Information Models (RIM)
- Sizing and extension of RIMs to best serve each organization's needs
- Standard models for popular tools and DBMS
- Graphic Repository Information Model utilizing the Unified Modeling Language (UML) component of the Open Information Model (OIM)
- Support for the Object Management Groups Common Warehouse Model (CWM)
- Support for a full range of object types including BLOBs (binary large objects)
- Storage and management of millions of objects and relationships
- Meta-data and meta-model versioning and configuration management
- A client/server architecture supporting a variety of operating platforms and user environments
- Scalability, high-performance, and 24/7 availability
- Application Programming Interfaces (API) on all client platforms for full access to information in the repository
- Remote Procedure Call (RPC) interoperability between platforms

ASG-RTU™ for Uninterrupted CA-IDMS® Sessions

Satisfy all of your IDMS users' timeout needs with RTU (Resource Timeout by User). Some IDMS users need to stay logged onto IDMS during long periods of inactivity, while others only need to be on for a short time and should be prevented from leaving their IDMS sessions idle. RTU allows you to make exceptions to the

standard Central Version (CV) timeout interval. RTU lets you specify different timeout intervals for each IDMS user ID or for groups of IDMS user IDs.

ASG-SEdit™/DB for DB2® Management

SEdit/DB offers your organization a comprehensive solution to time-consuming DB2 database maintenance, development, and testing tasks. It is a fully integrated application development and testing tool for the DB2 environment. Create, copy, and edit DB2 objects; generate test data; test embedded SQL statements; and conveniently report the results — all with a single tool.

ASG-SEdit™/MVS for File Management

SEdit/MVS comprehensively helps an organization manage and manipulate almost any MVS (OS/390®) file, including VSAM files, partitioned data sets (PDSs), sequential files, and Innovation Access Method (IAM) files.

With the SEdit/MVS interactive and full-screen features, your application programmers, system programmers, and other MIS professionals will easily master the SEdit MVS application — paving the way to more efficient MVS file management.

Other ASG Products that Work with ASG-SEdit/MVS

- ASG-SmartQuest™/CICS for trapping and analyzing application abends in CICS®
- ASG-SmartQuest™/MVS for trapping and analyzing application abends in MVS (OS/390®)
- ASG-SmartTest™ to make changes to applications
- ASG-Favorites™ for maximizing ISPF productivity
- ASG-Existing Systems Workbench™ (ESW®) for managing existing systems

ASG-SIRF® for CA-IDMS® Performance Analysis

SIRF (Statistical Interface and Reporting Facility) allows you to perform a comprehensive IDMS performance analysis. SIRF helps you process heavier workloads of online transactions and batch processing with minimal computer and human resources.

SIRF collects statistical information and reports on IDMS online transactions, CV batch jobs, and local mode jobs. Local mode SIRF statistics will enable your organization to analyze and manage work that must be completed within a tight batch window during extended business hours.

Other ASG Products that Work with ASG-SIRF®

- ASG-PreAlert®/IDMS for CA-IDMS® monitoring
- ASG-PreAlert®/MVS for mainframe monitoring

ASG-Spell™ for Fast, Easy Spell Checking

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. Spell can help you avoid those reruns and mistakes entirely. Spell is a facility that provides fast, easy spell checking and file validation of special programming languages. 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-Sysargos™ for Data Center Surveillance (available in Europe only)

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.

ASG-Tempman™ for Temporary Disk Space

If you are a CMS user who often requires the use of short-term temporary disk space, then you need Tempman. 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. Tempman is the complete temporary disk space manager solution.

ASG-Testing Suite™ for Automated Verification

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 IDMS journal access and advanced replication functionality, while eliminating the costs associated with data corruption and system downtime.

ASG-Assure™ for Regression Testing

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. 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® for Tracking CA-IDMS® Updates

Gain a better understanding of update activity on the database. With Tracer, your site can take advantage of the valuable information that IDMS automatically writes to its journal files about updates to your database. 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 Tracer. Tracer reports are essential for auditing activity against your IDMS database and pinpointing performance bottlenecks.

ASG-Vista™ for Analyzing and Documenting Applications

Vista crosses the operational and applications development spectrum of IT. Vista's unique, easy-to-navigate graphic user interface will allow your IT staff to view everything from a complete job overview to code-level detail without the challenge of trying to manually correlate data from incomplete sources. Using state-of-the-art client/server architecture with a single, relational database, 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.

Other ASG Products that Work with ASG-Vista

- ASG-JCLPREP® for JCL management
- ASG-Cortex-Pdb™ production database
- ASG-Workload Planner™ job planning tool for mainframe scheduling
- ASG-Outbound Suite™ for transferring data across various platforms
- ASG-Cortex MS™ for converting VSE/ESA to z/OS™ or OS/390®
- ASG-Workload Analyzer™ — job analysis tool
- ASG-Zeke™ (for VSE) automated job scheduler
- ASG-Zeke Open Edition™ for automated job scheduling for distributed platforms

ASG-XADC® for CA-IDMS® Online/ Batch Productivity

XADC is the software tool for IDMS online and batch productivity. XADC reduces I/Os and CPU consumption and accelerates IDMS processing. XADC supports a wide range of processing situations, such as mixed random/sequential processing, IDMS warmstarts, and data space/hyperspace caching. XADC installs in an uncomplicated manner and uses simple link-edit jobs that do not greatly impact the production environment.

ASG Portfolio Site License™ (PSL)

The Portfolio Site License (PSL) program allows customers to access the entire ASG software portfolio for a single, capacity-based fee. Annual usage fees charged for installed products are determined solely by the portion of the processor that is actually utilized by each solution.

You will benefit from more than one hundred ASG solutions serving data center needs in information management, operations management, and applications management.

ASG Professional Services

As the premier source for understanding, managing, and extending existing systems, ASG Services will help you fully realize your investment in your enterprise software solutions as you improve the productivity of your enterprise systems. ASG's Services Team offers a variety of services and solutions to help you gain real insight into your business as you realize exceptional productivity gains and return on your IT investments.

Our highly trained and product-qualified team will assist you to ensure the successful implementation of your software, including configuration, installation, and customization. From the first contact with your project team, our objectives is to understand your strategy, identify your business issues, and determine the correct approach to satisfy your requirements. After a thorough analysis, a comprehensive plan for the services to be performed is developed, specifically outlining the steps to success.

ASG Services not only helps you implement the right solutions and unleash the potential of your ASG products, but we ensure that your staff is equipped to keep those solutions running efficiently.



Unbeatable Value

- Access all ASG software solutions
- Annual usage fees based upon MIPS or LPARS on which individual products are installed
- Reduces costly negotiation and transaction cycles

ASG is a privately held global enterprise software and professional services firm with a full range of information management, operations management, and applications management services.

Founded in 1986, ASG has more than 4,500 clients, and 8,000 software licenses worldwide. ASG's client base covers the majority of Global 5000 firms including industry leaders such as ABN AMRO, Air France, American Express, Coca Cola, Daimler Chrysler, General Electric, IBM, Merrill Lynch, Procter & Gamble, Telecom Italia, Toyota, and Wells Fargo.



ASG is headquartered in Naples, Florida, USA, with offices throughout the Americas, Europe, Middle East, Africa, and Asia.

ASG partners with clients to improve productivity and significantly enhance performance through the intelligent use of technology

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