



The Stand Alone Environment

- SAE
- Fast DASD Erase

- Fast DASD Erase for z/OS

The Image FOCUS Control Environment

The Image FOCUS Core

- OS Inspector
- Release Analysis
- Dynamic Element Inspector
- System Component Inspector
- z/OS Change Detection

Image FOCUS Applications (Separately licensed)

- **The Subsystem Inspectors**
 - JES2 – JES3
 - VTAM
 - TCP/IP
(Profile, Data, Resolver, FTP, SMTP, Telnet)
- **The Supplemental Inspectors**
 - ISNMBS – Data Sets
 - ISNLOAD – Load Modules
 - ISNPLCY – z/OS Policies
- **The Control Editor**
- **Image SENTRY**
 - IODF Explorer

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Stand Alone Environment

Since its introduction in 1990, Stand Alone Environment (SAE) has become the standard for the repair and recovery of large IBM Enterprise Systems – MVS, OS/390 & z/OS. The Stand Alone mode of operation used by SAE is absolutely critical during a disaster. Without access to TSO or ISPF, how will you access system files with confidence? How will you diagnose and fix problems? With SAE you avoid this “Catch-22” scenario totally, gaining access to system files and system data with a familiar ISPF-like interface. SAE’s commands and services are totally intuitive for systems professionals. Many also use SAE at

their Hot Sites as an integral part of their Disaster Recovery test for erasing test data extremely fast and for compliance with government regulations.

Perhaps the most unique part of SAE is its fundamental method of operation. Unlike other system management tools, SAE runs in a completely stand alone mode. This method of operation is so complete that SAE provides its own operating system environment; the SAE environment is completely detached from z/OS and its subsystems. It operates independent of release level.

Product Description

Stand Alone Environment is a self-contained, self-loading system software utility. It provides immediate access to system datasets through an ISPF-like editor without an active MVS system. It also has unique integrated applications. They include Action Services, Stand Alone Restore, Fast DASD Erase, IMAGE Services and Hardware Confirmation.

Action Services provides complete access to all DASD devices and datasets. Its interface is modeled after ISPF. Users locate critical datasets or members and use specific Action Services to make system repairs. This tool set includes edit, zap, browse, rename, save, delete, undelete, and catalog list/alter.

Stand Alone Restore is simply the fastest way to restore a single dataset. Unlike other backup and recovery systems that require you to restore a complete volume, this application lets you restore a single dataset or member originally created using IEBCOPY, IEBGENER, DFSMSdss or FDR. RESTORE will perform full volume restores from DFSMSdss or FDR if required.

Image Services aids users in the repair of System Images by automatically isolating the components that comprise a specific image. This inspection process is almost instantaneous in identifying the volumes and datasets under investigation. Image Services uses information captured by NewEra Software’s other product Image FOCUS and its Inspection Server and uses SAE to pinpoint and provide the means to immediately repair problems.

Hardware Confirmation allows users to verify hardware installations without bringing the system down. It collects sense data at the master console and lets you know if your new hardware has been configured correctly.

Fast DASD Erase allows users to erase mission-critical and/or personal data at the end of a Disaster Recovery test, which may be one of the most important steps of the test itself. SAE users enjoy peace of mind knowing they have completely erased all test data, thereby safeguarding it from unwanted use. This is especially important in an era of government regulations regarding safeguarding data. Users also appreciate the reduction in time and money saved during the actual erasure.

Fast DASD Erase can be licensed separately.

Government Regulations and SAE

Legislation enacted in recent years has placed enormous responsibility on Information Technology (IT) professionals to protect and secure customer data.

The Gramm-Leach-Bliley Act (GLBA) requires that financial institutions have an affirmative and continuing obligation to respect the privacy of their customers and to protect the security and confidentiality of those customers’ nonpublic personal information.

The Health Insurance Portability and Accountability Act (HIPAA) requires ALL businesses to meet standards for certain electronic health transactions, including claims, enrollment, eligibility, payment, and coordination of benefits. These standards also must address the security of electronic health information systems.

The Fast DASD Erase tool in SAE not only clips the VTOC but completely destroys all data, laying down user-selectable erasure patterns making it invaluable at DR Tests and when decommissioning DASD. It produces an audit report that will satisfy the most stringent internal and external audit demands bringing you in compliance with government regulations such as GLBA and HIPAA.

SAE provides the ability to write a random byte value in addition to zeroes across tracks during Fast DASD Erase. A zero pattern erase is still supported and is the recommended value and default. However, some installations require multiple erase passes with varying values. SAE allows the user to select the byte value to be written across the track.

SAE 14

SAE 14 adds the ability to sort the Volume Selection list such that volumes with duplicate volumes are bubbled to the top. This allows duplicate volumes to be easily identified and volumes renamed to eliminate duplicates. This SORTDUP command is accessed on the Action Services Volume Selection List.

SAE 14 remains current with all levels of z/OS all DASD devices.

The SAE installation process has also been streamlined to improve the install process. It also includes support for DFDSS or FDR restores from the same tape without dismounting the tape. Fast DASD Erase timings and processes have been improved as well as support for the MAP command from a Device List when a volume is unlabeled.

Corporate Headquarters
Morgan Hill, California 95037
800 421-5035
TEL: 408-201-7000
FAX: 408-201-7099
email: info@newera.com