ZELDA

ZELDA benefits the entire data center by providing maximum utilization of each data center's media investments for all major sub-system and production applications. ZELDA provides Automated Media Management by freeing wasted DASD resources for future processing.

ZELDA is an innovative Management System providing storage management professionals with the tools necessary to relocate inactive critical production application sequential datasets to any removable medium of choice.

MAXIMIZE MEDIA UTILIZATION

ZELDA provides functionality such as consolidating datasets through dataset stacking, compression, re-blocking and media conversions (DASD-to-TAPE). This reduces the number of output tape volumes used by ZELDA dramatically, while reclaiming wasted DASD space forfuture production processing.

EASILY MANAGE EXCEPTIONS

ZELDA allows you to define rules which control datasets using simple keywords. These rules specify an idle period (time since last accessed) for determining whether dataset processing is required. If the dataset has not been accessed for a length of time exceeding the user-specified idle period, the dataset qualifies for action processing.

ZELASAFE DATASET PROTECTION

ZELDA is completely integrated with the ZELA program product and fully supports the ZelaSAFE paradigm. ZelaSAFE Dataset preservation options furnish users with enhanced dataset protection for critical production application files. ZelaSAFE offers multi-level support to accommodate a wide variety of dataset protection to address each data center's unique needs.

SMF STATISTICAL ANALYSIS

ZELDA provides an SMF statistical analysis utility to aid users with customization of the control parameters and generic dataset filtering patterns. Users can elect to process historic SMF information in order to validate their ZELDA customization.

COMPREHENSIVE REPORTS

ZELDA provides reports that illustrate the result of the research and analysis, action processing, and update processing phases. Some of the reports identify prevalent synchronization problem areas between the MVS catalog, the DASD VTOCS, and VVDSs. Other reports illustrate the storage management objectives being achieved as a direct result of the customized user-defined rules.

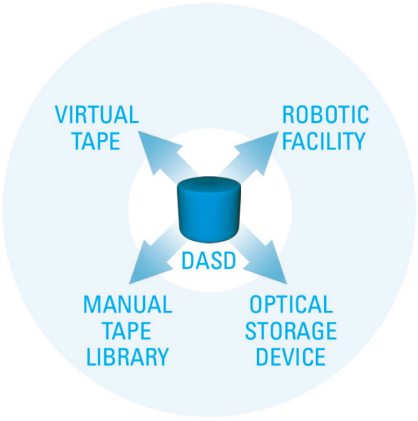
TECHNICAL REQUIREMENTS

ZELDA is fully compatible with IBM MVS/ESA and OS/390 operating systems. ZELDA is fully compatible with automated tape libraries, including IBM's 3495 ATLDS, StorageTek's Nearline 4000, and MemorexTelex 5400ATL. ZELDA is fully compatible with all Tape Management Systems.

ZELDA, the Fixed Media Maximizer is an automated data management and media maximization system that complements your existing DASD management system and enables you to relocate inactive sequential disk datasets or fixed optical storage datasets to less expensive media.

ZELDA provides your critical production applications direct access to their files without having to go through recall processing or search for available DASD space. ZELDA allows you to reduce cost by further automating the management of the data and media, dramatically increasing operational efficiency and optimizing your usage of new technology.

RELOCATE DASD DATASETS TO THE MEDIUM OF CHOICE INCLUDING TAPE, OPTICAL STORAGE, ROBOTIC FACILITIES AND VIRTUAL TAPE SOLUTIONS.



INNOVATIVE MANAGEMENT SYSTEM

During logical ejection users can specify dataset stacking, reblocking, compression and media conversion options to obtain their desired storage management objectives for each data center environment. The end result of the ZELDA process is to provide automated media management by freeing wasted DASD resources.

REDUCES DASD MEDIA REQUIREMENTS

ZELDA lowers DASD media requirements and provides automated conversion to new technology such as 36TRK, Magstar, Helical Tape, Robotics, Optical Storage Media and Virtual Tape Solutions. The location of the output devices can be local or reside in a Disaster Recovery Facility for archival of historical information.

COMPLEMENTS EXISTING SYSTEM

ZELDA complements your existing DASD management system and enables you to relocate inactive sequential disk datasets or fixed optical storage datasets to less expensive media. Most importantly, it provides your critical production applications direct access to their files without having to go through recall processing or search for available DASD space.

FUNCTIONS AND FEATURES

- Logical Ejection
- Multi-Volume Support
- Dataset Stacking, Re-blocking and Compression
- Remote Electronic Vaulting
- Automated Tape Distribution
- DASD-to-Optical Conversion
- Dataset Migration-to-Virtual Tape Solutions
- Remote Electronic Vaulting
- FDR and DFDSS Support
- SMF Statistical Analysis for Conflict Management

SYSTEM DESIGN

ZELDA's operating procedure consists of three distinct processing phases:

- The Research and Analysis Processing Phase
- The Action Processing Phase
- The Execution Phase
- ZelaSAFE Dataset Security and Protection

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