



Space Recovery System (SRS)

Dynamic prevention of Space Errors

The **Space Recovery System (SRS)** is a systems software product that allows your installation to dynamically recover from disk space allocation failures. SRS intercepts the space failure. If the rules and SRS action specifications allow recovery, the product forces the operating system to obtain the required disk space and your program can then run to completion.

SRS eliminates all types of storage space-related errors. Whether the error is caused by application growth, out-of-date JCL, Volume space fragmentation, or job conflicts; SRS intercepts to dynamically modify space needs, acquire available space, and prevent failures. SRS not only improves system throughput, but provides a critical 'safety net' that allows installations to achieve higher rates of disk space utilisation than could ever be accomplished in any other way.

Eliminates B37, D37, E37 abends, and VSAM errors.

SRS determines in advance when an out-of-space condition will occur and prevents the error. Production downtime, and re-runs due to space problems are eliminated.

Support for all Dataset types.

SRS can prevent problems for all types of datasets, SMS-managed or non-SMS, VSAM or non-VSAM, striped, extended format, HSF, DB2 and others.

Automatic Reorganisation of Multivolume Datasets.

When an application releases a dataset that SRS has extended to an additional volume, SRS can automatically invoke system utilities to copy the dataset back to a single volume if space is available.

Catalogue, and Tape error Prevention.

SRS does more than just prevent DASD space errors. Duplicate dataset name, and NOT CATLGD-2 errors can be stopped, S837-08 tape errors can be eliminated, and tape datasets can automatically be switched to tape units with full automatic cartridge loaders.

Extensions to allow better control over space use.

The SRSE function allows installations to automatically route desired datasets to VIO, limit dataset space requests, add RLSE parameters, choose optimal tape and disk blocksizes, and control other aspects of dataset usage.

"SRS has allowed us to postpone a large DASD purchase due to higher device utilisation. Space abends are a thing of the past. My staff can now concentrate on more productive projects."

*Technical Support Manager
Northeastern Pharmaceutical Retailer*