T-REX FACT SHEET

T-REX is the world's leading ICF catalog management and recovery product. It is in use every day by hundreds of responsible data centers around the world. Many of these leading companies must function 24/7 without disruption and meet stringent compliance demands or suffer terrible financial losses and penalties. T-REX ensures they meet these goals by reliably and efficiently addressing all of their catalog needs under one umbrella. T-REX was developed by the architects of "VSAM Mechanic®" and "Catalog Solution®" in conjunction with specialists from the HSM, performance, and tape management arenas. The developers have over two decades of practical experience each. This experience combined with their talents has produced the fastest, most capable catalog product in the world today. T-REX integrates the functionality of at least five separately priced products and enhances IBM's Access Method Services (IDCAMS) utility through new keyword options and functionality. This dynamic MVS batch facility multi-tasks many of its commands, provides full object support, and can repair any VSAM object (BCS, KSDS, and Variable RRDS) with a broken index within minutes. It is faster, smarter, and stronger than ever before.

T-REX

◄ Prevents millions of dollars in downtime by ensuring optimal cluster and catalog health at all times
◄ Improves data availability and reliability by allowing more frequent backups
◄ Decreases downtime by eliminating the need for standalone time when reorganizing or moving catalogs
◄ Automates cluster and catalog recovery and repair in record speed
◄ Pays for itself with just one broken object (catalog, cluster, or VVDS)
◄ Generates easy-to-use reports
◄ Fully support the recataloging of multi-volume VSAM and nonVSAM data sets
◄ Move catalogs while OPEN and allocated to CAS on any number of connected systems
◄ Detect hardware changes and dynamically adjust performance parameters to ensure optimal processing
◄ Save hours of DR time by eliminating the need for any catalog "scrubbing"
◄ Identify and repair discrepancies between cataloged tape data sets and all major TMCs
◄ Rebuild and synchronize BCS with TMC entries
◄ Support the selection, authentication, and reporting of HSM and ICF catalog interdependencies
◄ Call IDCAMS DIAGNOSE ICFCATALOG and provide unlimited COMPAREDD support

Easy-to-use Reports

The T-REX LISTCAT creates reports that are familiar to all IDCAMS LISTCAT users. The T-REX LISTCAT is enhanced to incorporate selection criteria that afford the user flexibility over IDCAMS LISTCAT. The intelligent selection criteria include names, generic names, number of extents, number of volumes, SMS class information, number of CI and CA splits, devicetype, last change date, and many more. The T-REX LISTCAT can also be used to generate IDCAMS DEFINE, DELETE, or DELETE NOSCRATCH cards for each selected entry.

Continuous Availability

T-REX has the ability to reorganize your catalogs while they are OPEN and allocated to CAS on any number of connected systems. The REORG can be done IN-PLACE or by using DELETE/DEFINE. Since T-REX can DELETE and RE-DEFINE your catalogs during the REORG, you can move catalogs to a new volume or use it to change any catalog attribute like IMBED and/or REPLICATE. All of this can be done without the need to pause online and/or batch processing. The catalog can remain allocated and OPEN to CAS on any number of connected systems.

Save Money on Personnel Costs

Catalog maintenance is one of the most difficult and time-consuming jobs in any data center. Its complexity and importance usually dictates that senior level programmers be applied to the task. T-REX enables more junior staff to perform catalog maintenance after hours, at a time when systems programmers may not be available. Programmers that might otherwise be assigned to tediously restoring and rebuilding lost catalogs can instead be used more productively. T-REX's diagnostic routines will identify catalog anomalies and either automatically fix the problem or generate control cards to correct them. The routines can also be run using ISPF panels. This solution provides a savings of hundreds of man-hours per year that would normally be applied to diagnostic and corrective work.

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T-REX FACT SHEET

Simplify Product Inventory

T-REX's broad catalog management capabilities eliminate the need to purchase and maintain the many smaller utilities currently required for backup and disaster recovery needs. Many sites have separate products for reporting, SMF forward recovery, tape management synchronization, HSM, backup, and restore. This can be a real support challenge when incompatibility issues arise during operating system upgrades. Retesting is often required and new maintenance must be applied to each product. With T-REX there is no need to learn and work with different utilities from an assortment of vendors. Consistency in use and syntax ensure precious minutes are not lost while trying to get your system back on-line. T-REX has everything needed for catalog maintenance and recovery in one comprehensive product.

Blinding Speed: Recover in Minutes - Not Days!

Manually recovering catalogs and broken VSAM clusters can take days, even with experts on-site. Often transactions occurring prior to the last backup are lost. With T-REX, not only can you recover and repair broken catalogs in minutes, but you can forward-recover the last transactions using System Management Facilities (SMF) data. T-REX handles every important catalog management task including analyze, diagnose, report, backup, and repair of ICF cluster (Integrated Catalog Facility) components.

Save Time, Save DASD

T-REX can backup and recover VVDSs eliminating the need to perform costly and time-consuming full-volume restores. You can also use T-REX to dump and rebuild VVDSs to enlarge them or to consolidate extents. Its LISTCAT command can identify overallocated data sets to reduce DASD waste and cut unnecessary expenditure. T-REX gives you the ability to backup multiple BCSs or VVDSs to a single data set or multiple data sets. This simplifies catalog maintenance and management, thus, making it easy to perform mass modification for device conversions, to change volume serial numbers of DASD volumes, and to synchronize alias entries for user catalogs residing on shared DASD.

One Command

T-REX is the MVS industry's first tool to not only diagnose and detect catalog problems but also to automatically correct the problem without the need to build control cards. When control cards are built, the user must run extra steps to correct the issues. At DINO we do everything in one step. While the option to create control cards is supported, we do not see the need to cause extra work for the end user. We have built an entire product around this philosophy.

All of the catalog diagnostic procedures within T-REX come delivered with AUTOFIX capability. With each command you can execute many catalog diagnostic procedures. When problems are encountered, you have the option of instructing T-REX to automatically correct the problem or generate control cards to be used later. No other product on the market has this automated facility. With one command you not only can verify that all ALIAS entries for every connected catalog are intact but you can also verify each defined ALIAS for every connected catalog is actually in use. An optional cross-reference report details each ALIAS for every catalog. If ALIAS entries are found to be missing, T-REX can be instructed to automatically correct the problem. Likewise, if any ALIAS entries are not in use, T-REX can automatically remove them.

With one command you can backup every connected user catalog in your shop. You can also backup every VVDS and cluster with the same command. T-REX offers complete flexibility when backing up your VSAM clusters, catalogs, and VVDSs. If you want to backup your catalogs to one DDname and your VVDSs to another, no problem. If you want to duplex each of these or write to one hundred files, no problem. With one command (and without the need for the user to define any temporary work files) you can take a T-REX catalog backup and merge in all SMF updates since the backup. If the backup file happens to be in IDCAMS EXPORT format, no problem. T-REX will read in the EXPORTED file, apply SMF updates, and create a new IDCAMS EXPORT format backup.

Capable, Cost Effective

T-REX requires very little in terms of resources or CPU time and affords huge performance advantages over all other solutions. You save in terms of costs, avoid production disruptions, and can be assured of the best possible conditions when you access your files. T-REX gives you the ability to perform comprehensive MVS cluster and catalog maintenance, repair, and recovery in a fraction of the time and with greater reliability and flexibility than any other tool.

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