



DATASHEET

Rocket Mainstar Catalog RecoveryPlus

Ensure Business Resilience and z/OS Application Availability

Why Catalog RecoveryPlus?

- Prevent business disruption by ensuring 24x7 catalog availability
- Minimize risk of data loss with one-step recovery
- Maintain healthier catalog infrastructure with proactive, simplified management
- Strengthen disaster recovery planning by ensuring the integrity of ICF catalogs
- Simplify compliance with government and industry regulations

Application downtime can cost businesses millions of dollars per hour (or more), so ensuring the integrity of your IBM® z/OS® environment is critical. ICF catalogs keep track of where your data sets are located, making catalogs vital when it comes to locating and accessing mainframe data. Catalog failures or maintenance windows can disrupt applications and business operations.

Rocket® Mainstar® Catalog RecoveryPlus (CR+) reduces the financial impact of catalog outages by lowering the risk of failure, accelerating recovery times, and improving administrator productivity. With CR+ you can support 24x7 business operations with confidence—no matter how large your organization.



www.rocketsoftware.com

Catalog RecoveryPlus provides an easy-to-use means of managing and protecting ICF catalogs without affecting your business applications. The system brings simplicity, speed, and reliability to catalog management.

▶ Prevent or reduce business disruption with high-availability catalogs

Managing your catalogs with CR+ helps ensure availability of your mission-critical z/OS data and systems. You can safely perform a reorganization-and-repair operation on a basic control structure (BCS) while it's in the open-and-active state or move entries between catalogs in a non-disruptive manner while data sets are open. No need to shut down online and batch applications for catalog maintenance or recovery. With its high-availability functions, CR+ ensures integrity of the catalogs and the VSAM Volume Data Sets (VDSs) being processed.

CR+ makes it easier than ever to manage z/OS catalogs and their components. For example, CR+ automates conversion of existing IBM Generation Data Group (GDG) structures to the GDG Extended format and back. CR+ changes the catalog attributes, creates new structures, and re-catalogs all entries in a single step.

▶ Minimize risk of data loss and strengthen disaster recovery plans with one-step recovery

Frequent catalog backups are an important part of protecting enterprise data. CR+ provides fast, efficient backups and recoveries using the CR+ backup format or IBM IDCAMS format. It accelerates backup times for catalog maintenance tasks that can't be done in real time or online, such as catalog recovery.

When a catalog outage occurs, CR+ helps automate the forward recovery process with a single processing step that reads and analyzes SMF data then takes necessary action. One-step recovery accelerates recovery times by 20% to 50% over traditional multi-step or manual recovery methods. The simulation feature in CR+ even allows administrators to model the effects of any change before deploying it. You'll know exactly what's going to happen because all operations execute in a single, well-documented step.

CR+ provides a safe, easy method for viewing BCS, VDS, and VTOC records, with extensive on-screen formatting that helps you identify fields, cells, and sub-records. When you need to correct errors manually, dedicated utilities in CR+ help reduce human error while ensuring data integrity.

CR+ strengthens compliance by monitoring ICF catalogs enterprise-wide to verify that they are appropriately backed up and recoverable. It also analyzes your disaster recovery site's ICF catalogs and synchronizes them with your production data. Simulating recovery processes in advance can prevent human error, recovery errors, or delays that compromise compliance.





► Maintain a healthier catalog infrastructure with proactive, simplified management

CR+ lets you view and manage all catalog data from a single screen. You can back up one, many, or all BCSs or VDSs with a single command, along with their aliases and file definitions. CR+ helps improve the integrity of the structures being backed up, while speeding backups by 2X-4X over standard utilities.

CR+ includes diagnostic tools that allow administrators to identify problems or potential problems and can often correct problems automatically or suggest solutions that an admin can choose to accept. A CR+ utility makes comparisons using a bi-directional mode between BCSs and volumes. When it finds inconsistencies, CR+ creates fix commands in either IDCAMS or CR+ format to resynchronize all necessary BCS, VVDS, and VTOC entries. Additional diagnostics check tape management database pointers against BCS and ensure master catalog alias synchronization. This functionality translates into fewer outages, reduced downtime, and less manual troubleshooting.

With CR+ you can search 100+ data-set attribute values to easily identify any data set characteristic that needs attention. Easily create customized reports or action plans, and change DASD VOLSERs without removing the data, or split, merge, or copy catalog records.

Without CR+



Faster recoveries

Catalog RecoveryPlus eliminates multiple manual steps that are normally needed to recover from a catalog failure. Rather than spending hours on these manual steps, CR+ generates recovery JCL that you can quickly review and submit. When the job is done restoring your catalog, just verify the results and restart your applications. Your system gets back to full operations hours faster, and your administrators can get back to their other work much more quickly.



With CR+

“ Rocket Mainstar Catalog RecoveryPlus has helped us save significant time, money, and resources. We are fully protected and are compliant with new regulatory requirements. Rocket again shows why they are the industry leaders with their products—their support is the best! ”

— Vice President of Information Systems Services, US regional health insurance provider

► Technical Specifications

Catalog RecoveryPlus runs on any release of z/OS supported by IBM, allowing customers of any supported z/OS release to take advantage of the high resiliency benefits of CR+.

Other Rocket Mainframe products include:

- **Rocket Performance Essential:** Reduce batch processing times for IBM Z mainframes
- **Rocket Mainstar HSM Reporter Manager:** Ensure business continuity with proactive DFSMSHsm management
- **Rocket Mainstar FastAudit:** Prevent data loss in your DFSMSHsm environment
- **Rocket Mainstar Volume Clone and Rename:** Simplified, automated data cloning for your entire DB2 or IMS subsystems
- **Rocket TeraSAM:** Boost application performance and efficiency
- **Rocket VSAM Quick Index:** Improve data availability without adding resources
- **Rocket VSAM Assist:** Increase backup, recovery, and migration performance for VSAM applications
- **Rocket Mainstar MXI:** Optimize efficiency and performance by easily and cost-effectively monitoring your z/OS resources
- **Rocket DASD Backup Supervisor:** Automated DASD full volume backup & recovery and local dataset recovery
- **Rocket Mainstar Backup and Recovery Manager Suite:** Reduce backup time by 40%-60% and increase the speed of disaster recovery
- **Rocket Mainstar Database Backup and Recovery for DB2/IMS:** Simplified DB2 and IMS subsystems backup, recovery and disaster recovery on z/OS
- **Rocket BlueZone Terminal Emulation:** Comprehensive terminal emulation
- **Rocket BlueZone Web:** Simple access to mainframe data and applications via a browser
- **Rocket LegaSuite Web:** Future-proof your 3270 applications
- **Rocket API:** Integrate existing 3270 applications into new web and mobile experiences
- **Rocket Open Source Languages and Tools:** Program a mainframe using popular languages and tools



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