



Adabas Delta Save

AVOID DATABASE DOWNTIME

REDUCE BACKUP TIME AND COST

About 90% annual savings in DBA and CPU time—that's what you can expect when you use Adabas Delta Save. One enterprise saved more than \$200,000 in the first year of using Adabas Delta Save.

Adabas Delta Save enables administrators to save and restore only the changed portions of the database, saving up to 90% of a DBA's time and resources on backup functions.

No one likes to think about storage media failures. But they're a real threat—and can keep users from accessing valuable data for as long as it takes to complete your recovery efforts. Take the pressure off. Now you can overcome the limits of time-consuming traditional backups and reduce your costs.

Your solution is Adabas Delta Save, a quick utility for Adabas backups. It's the ideal backup solution when you have one or more large mission-critical Adabas databases that are frequently updated with small changes. And, if your Adabas site has one or more large, heavily updated databases that need to be available 24x7x365, Adabas Delta Save is a must.

Using Adabas Delta Save, you can:

- Avoid database downtime—by keeping your database online all the time

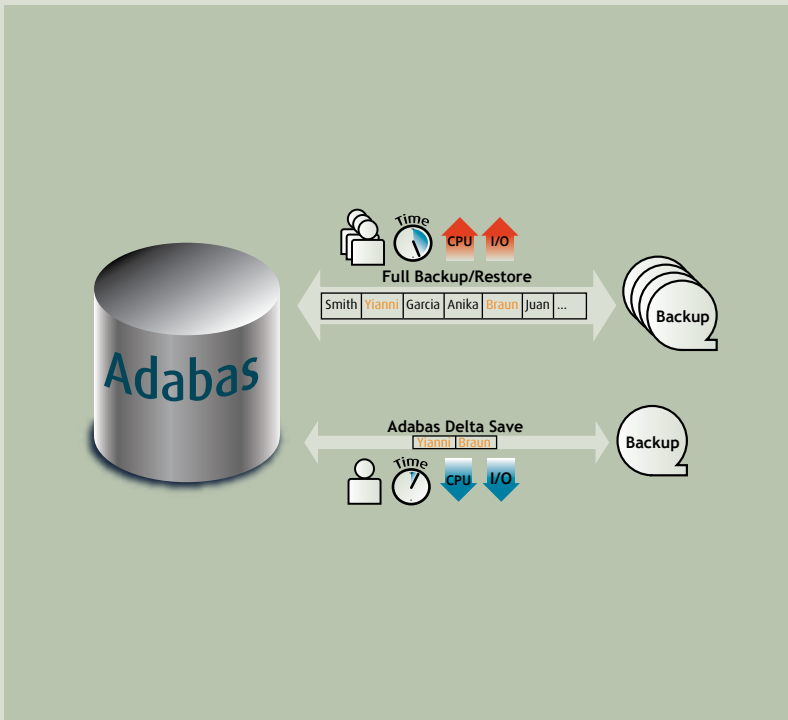
- Do backups more efficiently—since only changed areas of the database are saved
- Lower costs—save significantly on CPU usage, backup cartridges and time

How it works

Adabas Delta Save provides back-up functionality to save and restore only the changed data in the database, saving up to 90% of a DBA's time and resources on backups. When the Delta Save facility is used, Adabas logs the number of changed blocks in the Delta Save Logging (DLOG) area. The DLOG area is allocated within the associator by the Adabas basic online services facility. The Delta Save operation retrieves block numbers to be saved from the DLOG area.

When a full save or Delta Save operation completes successfully, the DLOG area is reset. It's updated continuously as more blocks are changed by the normal nucleus operations. Additionally, associator and data storage changes made by utilities are recorded.

REDUCE BACKUP TIME AND COST WITH ADABAS DELTA SAVE



Your benefits

– Increased availability

With Adabas Delta Save, you can run interim backups while the database is online. Additionally, Adabas Delta Save saves only blocks of data that have changed since the last full or interim save. That significantly reduces the volume of save output produced—also increasing database availability.

– Significant savings

Contain costs—and gain more money for other IT initiatives. Using Adabas Delta Save, one enterprise reduced the amount of cartridges needed by 96%, spent 92% less time on backups and cut CPU consumption on backups by 86%. In all, the customer now saves more than \$200,000 annually.

– Get more done in less time

You can run more backups in less time than when using traditional procedures. That's because only changed data is saved when

creating a backup. And, fewer backup cartridges can mean fewer headaches and lower costs for off-site storage.

– Greater flexibility

Run efficient interim backups as often as you choose—without interrupting database availability. Adabas Delta Save provides full offline saving in parallel with the active database and shortens the duration of a database recovery.

– Faster reconstruction

Accelerate reconstruction of the original database if it's physically destroyed by setting up a copy of the original database or shadow database.

Start saving today

Gain peace of mind knowing your critical systems are protected by using Adabas Delta Save. Enjoy substantial cost and time savings on backups.

Software AG Communities

The Software AG Developer Network includes an Adabas community to keep you connected to Adabas users and experts around the world. By registering for the Adabas community, you can participate in discussion forums that enable you to exchange best practices, enhance productivity and improve your technical skills. Registered members can also subscribe to the TECHniques newsletter, which offers technical tips and tricks. Membership to the developer network is FREE. For more information, please visit:

<http://developer.softwareag.com>

Worldwide User Groups

Our strong network of worldwide user groups also helps build Adabas and Natural skills. Through a local user group, you can exchange ideas and discuss technology issues, experiences and concerns. Many groups offer classes that provide product hints and tips. Through ServLine24, regional meetings and annual International Conferences, user group members have access to a broad product knowledge base. To learn more, please visit:

www.softwareag.com/corporate/community/usergroup

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