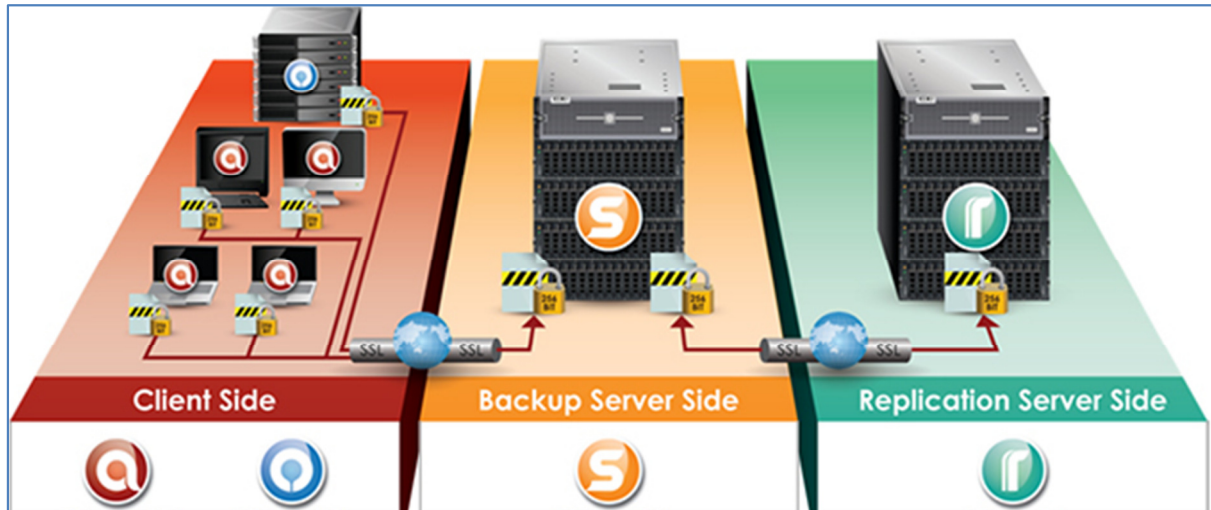


DataSurance

4 Core Components

The architecture of DataSurance™ Backup Software is a disk-to-disk-to-disk (D2D2D) design. It consists of four core software components. DataSurance™ Offsite Backup Server (DataSuranceOBS) and DataSurance™ Replication Server (DataSuranceRPS) are server-side applications, while DataSurance™ Online Backup Manager (DataSuranceOBM) and DataSurance™ A-Click Backup (DataSuranceACB) are client-side applications.



It is a light version client-side backup application with clean and easy-to-use interface designed for general users to back up files in desktop and laptop computers. You are required to purchase/lease a Client Access License (CAL) for installing an DataSuranceACB instance on a client computer.



It is a client-side backup application bundled with comprehensive backup features and specialized backup modules for backing up database servers, email servers, file servers and common files. You are required to purchase/lease a Client Access License (CAL) for installing an DataSuranceOBM instance on a computer or server.



It is the core server-side application offering centralized backup services to DataSuranceOBM and DataSuranceACB client users. It is used for managing individual users and their account configurations, as well as monitoring the entire backup system's performance. DataSuranceOBS is FREE of charge when using on a general purpose computer or server.



It provides an offsite store for backup data from multiple DataSuranceOBS servers. Data from DataSuranceOBS will be replicated almost instantly after a backup job completed. It thus provides an additional level of data protection. DataSuranceRPS is FREE of charge when using on a general purpose computer or server.

Robust Features

Server Side



Client Side



Backup Common Operating System, Virtual Machines, Database Applications, and Files

- Windows system image bare metal backup	NA	NA	✓	✗
- Microsoft Outlook / Outlook Express	NA	NA	✓	✓
- Microsoft Exchange Server	NA	NA	✓	✗
- Microsoft Exchange Server at mail level	NA	NA	✓	✗
- Microsoft SQL Server	NA	NA	✓	✗
- Microsoft Hyper-V Server	NA	NA	✓	✗
- VMware ESX / ESXi / Server 2	NA	NA	✓	✗
- Oracle Database	NA	NA	✓	✗
- Lotus Domino/Notes	NA	NA	✓	✗
- MySQL	NA	NA	✓	✗
- Files being opened in Windows	NA	NA	✓	✓
- Common files	NA	NA	✓	✓

Fully Automatic

- Continuous Data Protection for selected files / folders	NA	NA	✓	✓
- Flexible backup schedule	NA	NA	✓	✓
Daily	NA	NA	✓	✓
Weekly	NA	NA	✓	✓
Monthly	NA	NA	✓	✗
Yearly	NA	NA	✓	✗
Multiple Schedules	NA	NA	✓	✗

- Automatic restart missed backup job	NA	NA	✓	✓
- Automatic close to real time replication	✓	✓	NA	NA



Optimized for High Speed Offsite Backup

- Multi-threading backup	NA	NA	✓	✓
- In-File Delta block level incremental / differential backup	NA	NA	✓	✓
- Bandwidth throttling for individual backup user	✓	NA	NA	NA



Secure Offsite Protection

- Backup account protected by login name and password	✓	✓	✓	✓
- Top of the class encryption	NA	NA	✓	✓
256-bit encryption	NA	NA	✓	✓
Encryption key definable by user	NA	NA	✓	✓
AES algorithm	NA	NA	✓	✓
TwoFish algorithm	NA	NA	✓	✗
Triple DES algorithm	NA	NA	✓	✗
- 128-bit SSL channel support	✓	✓	✓	✓



Reliable and Fast Restoration

- CRC data integrity checking on server side	✓	✓	NA	NA
- Server-side delta merging	✓	NA	NA	NA
- Multi-threading restoration	NA	NA	✓	✓



Easy to Use, Manage and Trouble-Shoot

- Group policy	✓	NA	NA	NA
- Centralized web management console	✓	✓	NA	NA

- Multi-level system user management	✓	NA	NA	NA
- Restore anytime and anywhere through web console	✓	NA	NA	NA
- Triggering backup from server side by administrator	✓	NA	NA	NA
- Comprehensive log, report and statistics	✓	NA	NA	NA
- Email backup report to user and system administrator	✓	NA	NA	NA
- Support Windows Active Directory	✓	NA	NA	NA
- Support proxy server	✓	NA	NA	NA
- Seed-load utility for copying large data onto backup server	NA	NA	✓	✗
- Command line tool	NA	NA	✓	✗
- Flexible retention policy	NA	NA	✓	✓
Simple (by day)	NA	NA	✓	✓
Advanced (by week, month, quarter, year, backup job or user defined policies)	NA	NA	✓	✗
- Multiple backup sets	NA	NA	✓	✗
- Logout reminder	NA	NA	✓	✓
- Off-line backup reminder	NA	NA	✓	✓
- Filter files by extensions	NA	NA	✓	✓
- Filter files / folders by any user defined patterns	NA	NA	✓	✗
- Keep a local copy of the backup data	NA	NA	✓	✗
- 31 languages support	✓	✓	✓	✓



Run on Common Operating Platforms

- Windows	✓	✓	✓	✓
- Mac	✗	✗	✓	✓
- Linux	✓	✓	✓	✗
- UNIX	✓	✓	✓	✗
- Heterogeneous environment support	✓	✓	NA	NA