



PARAGON SLIM BACKUP SDK FOR WINDOWS



UNLOCKING THE POWER OF VSS FOR CONSISTENT BACKUPS

Paragon Slim Backup SDK for Windows

enables IT pros to quickly onboard a high-performance, feature-packed backup and restore engine. Easily integrate the lightweight SDK into your development environment, add Windows or Linux recovery media, and you are all set.

What's inside?

- System backup using Windows Shadow Copy (aka VSS)
- File backup with live file system
- Volume and file restore
- Granular VSS reporting and troubleshooting:
 - Availability checks
 - Shadow copy eligibility
 - Emulated copy from snapshot (partial/full)
 - Enhanced error logging.

Need a demo?

CLI available as a demo or test utility.

Minimum integration effort.

Compact in size, easy to integrate (a 15M sized DLL)

Need to add Recovery Media?

Check out the all-in-one [Hard Disk Manager!](#)

Paragon Recovery Media Builder includes:

- **Recovery in WinPE.**
You can restore your entire system incl. The OS, installed programs, settings and data in the WinPE environment. Or you can perform granular data restore and access any specific file in the backup archive.
- **Emergency Rescue WinPE Recovery.**
 - Create your rescue environment on a storage medium such as a USB stick. Make sure your environment is disaster-proof, and you can always access your hard drive even if Windows won't boot up.

How is it licensed?

Feel free to evaluate the Paragon Slim Backup SDK and restore functionality and let us know how we can help!

Who is it for?

Software developers

Backup SDK interacts with Windows to ensure consistent backup, thus taking the burden off your development team.

System administrators

A troubleshooting tool that helps you detect VSS issues and take immediate action.

System requirements

- OS: Windows 7 SP1 and later, Windows Server 2012 and later
- 4GB RAM, x86/x64 CPU (2 cores min.)

Why employ this SDK?

- Lightweight engine
- Fast integration
- Rich functionality
- Fast time-to-market

Common scenarios

Backup: Backup objects to a specified destination

Restore: Restore objects to a specified destination

Enum: Enumerate objects

Image Demo: Create an image of the disk arguments in-help cli

Service operations: logs, credentials, encryption

Key features

C-style API: provides flexible methods for integration

Smart Increments technology helps optimize storage size

Safe backup storage: effective compression algorithms and data integrity control (checksums)

An in-built Enum tool to take inventory of files, disks, and volumes

Multi-process execution to increase fault tolerance and ensure high-performance multi-tasking

Full data integrity with Microsoft VSS based technology

Additional protection with user encryption parameters

Exclusion masks with recursive support

Backup to a network location using credentials

Volume restore with proportional resize up and down

Image copy "as is" to enable disk copy on the sector level and precise replica as the outcome.