








What is Paragon HDM SDK?

Is a set of sources and libraries for developers to build up a modern and holistic disk management application with an extensive automation and exhaustive functionality.

Who Benefits?

MSPs (small and medium businesses), Software Development companies, software development teams and individual software engineers (freelance), hardware manufacturers.

Why choose Paragon HDM SDK

-  The only disk management SDK available on the market
-  Fast and easy integration with 3rd party product on any stage
-  Development algorithm, streamlined for 25+ years
-  Exhaustive and up-to-date end-user product functionality
-  Publicly accessible detailed documentation for C++ и C# interfaces
-  End-user product test-drive via Paragon HDM for Business Trial
-  White labeled solution

HDM SDK Contains

- Sources
 - hdmclientlib – C++ hdmengine_hdmsdk.dll wrapper (a library with partitioning management functionality demonstration)
 - hdmclientapp – C++ sample for hdmclientlib
 - hdmclientinteroplib – C# hdmclientlib wrapper
 - hdmclientinteropapp – C# sample for hdmclientinteroplib
 - hdmclientinteropexlib – additional C# library for multitasking
 - hdmclientinteropagent – C# process with multitasking engine (for separate GUI + ENGINE threads)
- Binary files:
 - program – compiled .dll libraries +CLI for testing purposes
 - bluescreen – compiled .dll libraries for preOS functionality
- hdmengine headers
- hdmclient headers

End-user product functionality

- Partitioning

Move/Resize (optional flag for force rebooting), merge, split, create, format, delete, check, hide / unhide, mount / unmount a partition to drive letter, get next available drive letter, change volume label

- Migration

Find OS partition on disk: (Only Windows OS partitions), Disk cloning, Partition cloning

- Wiping

Wipe disk, Wipe partition, SSD trim, Wipe free space Partition structure conversion: MBR to GPT, GPT to MBR, Change GPT PartitionGuid type from, normal to/from OEM

- File system conversion

NTFS to FAT, FAT to NTFS

- Virtual container operations

Create VHD/VHDX, Connect/Disconnect VD