ActiveImage™ 2022
PROTECTOR

ActiveImage Protector 2022 Server vPack

System Protection Solution

optimized for Virtual Environment

～ Product Summary ～

March 8, 2023
Actiphy Inc.

Contents

System Protection Solution optimized for Virtual Environment

1. What is ActiveImage Protector 2022 Server vPack?
2. Benefits of ActiveImage Protector 2022 Server vPack?
   - Agent-based backup
   - File / Folder Backup
   - A wide variety of backup destinations
   - Virtual environment system redundancy solution
3. Main Features
   - Backup / Recovery
   - Flexible backup schedule setting

What is ActiveImage Protector 2022 Server vPack?

Actiphy

System Protection Solution for on-premise Linux KVM virtual environment / on-premise cloud environment

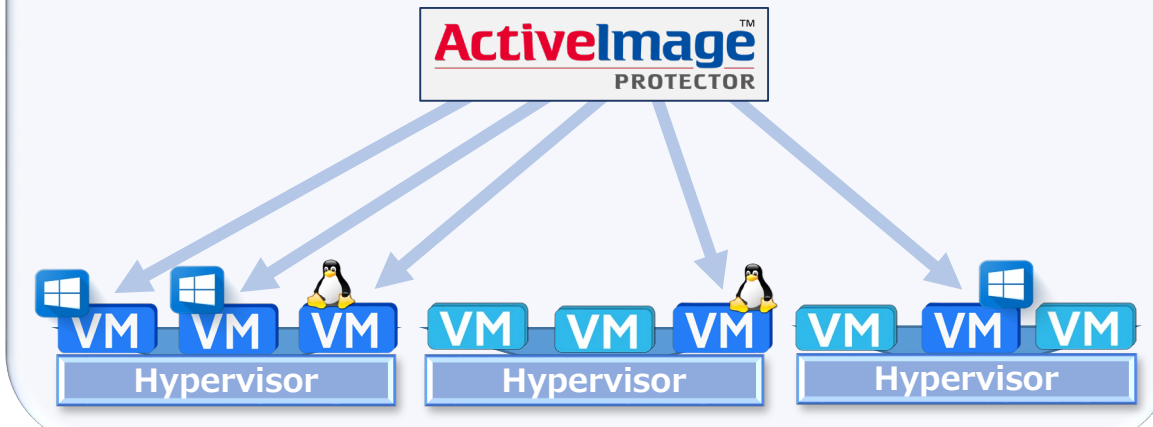
- 1 license is required to back up a maximum of 5 VMs with no restrictions on the type of hypervisor.
- Supported backup storages include S3-compatible object storage and SFTP server. NEW
- File / folder backup feature is provided. NEW

1 license to back up VMs

- 1 license is required to back up a maximum of 5 VMs
- You can select Windows/Linux OS VMs on multiple hypervisors.

ActiveImage Protector Server vPack License

1 license to back up a maximum of 5 VMs
with no restrictions on the type of hypervisor.



New Features of ActiveImage Protector 2022 vPack

- Supported backup storages include S3 compatible object storage
- File / folder backup feature is provided.
- Support for SFTP servers providing secure communication
- Boot Environment Builder without installation of Windows ADK
- Support for Windows Server 2022, Windows 11
- The latest versions of Red Hat Enterprise Linux 8.5/Debian 11/Ubuntu 20.04LTS are supported.
- Subscription and perpetual licenses are now available.

* As for the summary of the new main features, please refer to “ActiveImage Protector 2022 Summary of New Features.”

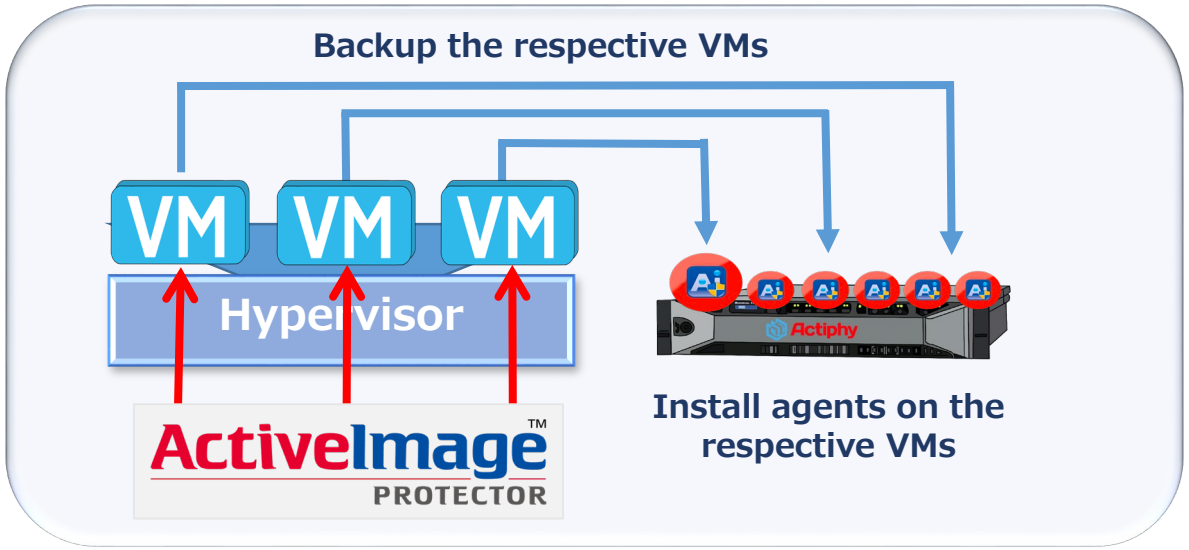
Agent-based backup operation

Unified backup operation for physical / virtual environment

Agent-based backup of the virtual machines

Install ActiveImage Protector agent on virtual machine and entirely back up the virtual machine. **AIP backs up the VMs using uniform backup operation in the environment where physical / virtual systems are configured or pass-through disk configuration is deployed**.

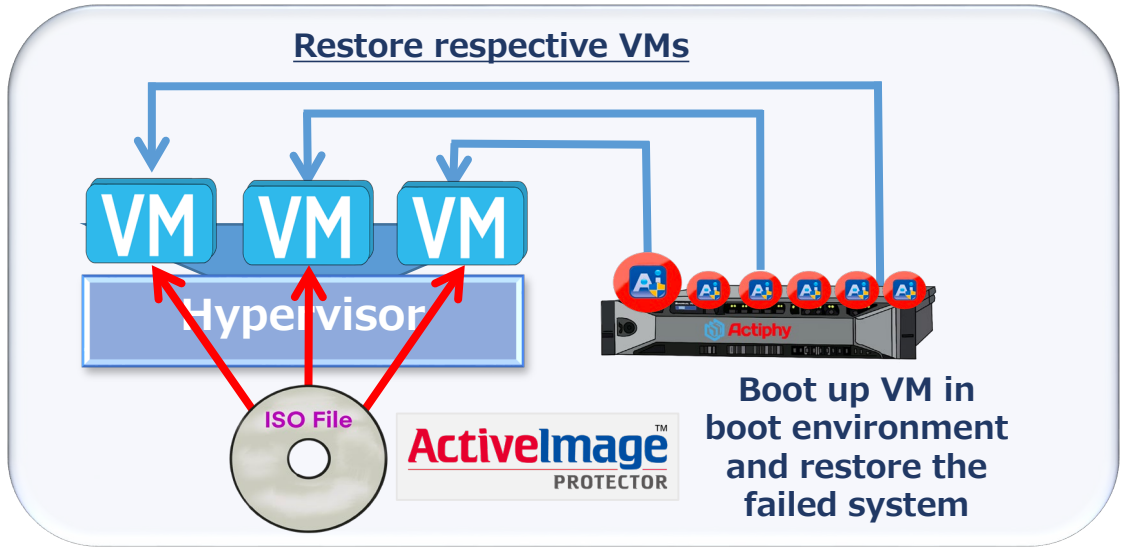
Install ActiveImage Protector agents and back up the respective virtual machines



Restore the respective VMs from backup files

When a disaster strikes, VM can instantly start up in AIP boot environment. **The failed system can be restored to the VM from a backup file.** Volume / File / Folder Recovery feature is also provided.

Restore respective VMs in AIP boot environment



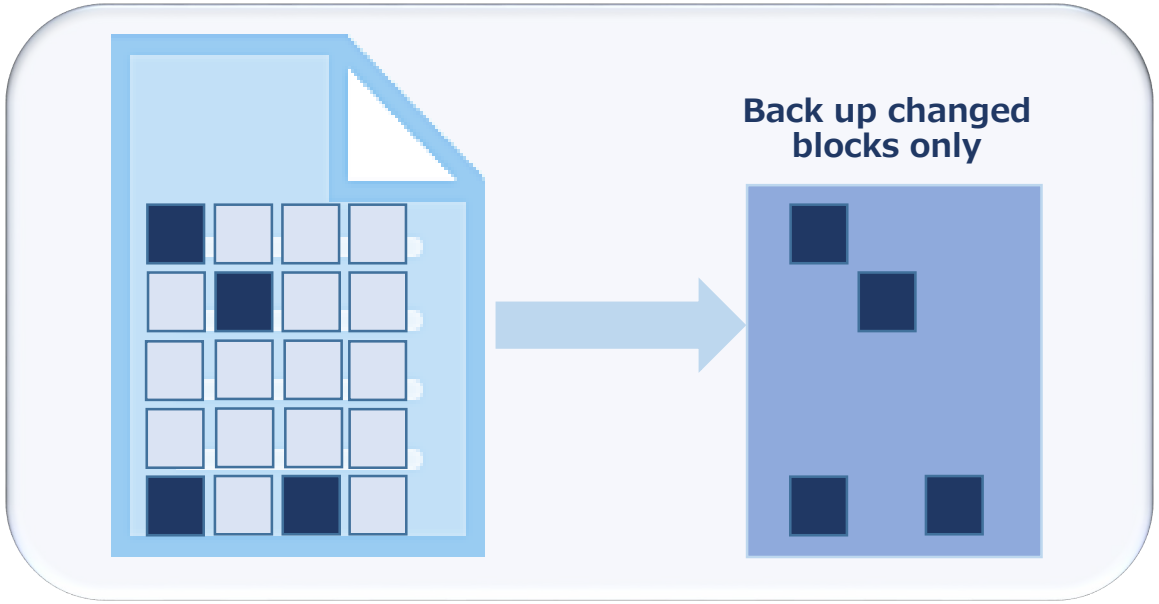
File / Folder backup

File / Folder backup feature is provided. NEW

Block-based file backup

Select a source file / folder and back up according to pre-defined schedule. Configure daily incremental backup settings for backing up the blocks changed in the file / folder, enabling reduction of storage demand.

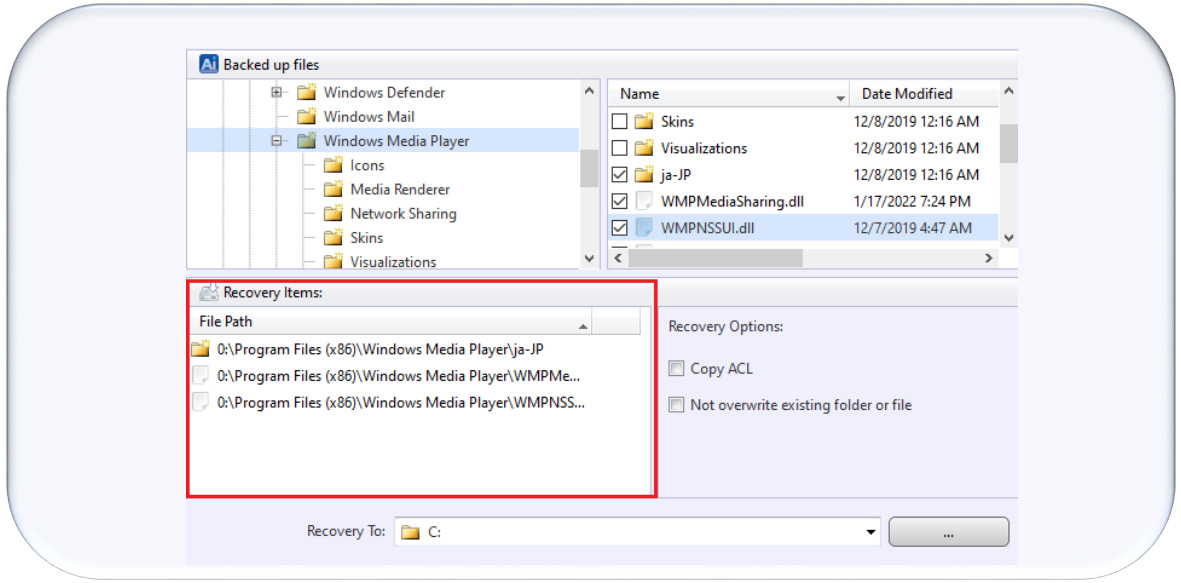
Incremental backup of changes in a file



Restore file / folder

Select a file / folder in a backup file to restore. **The stream information and access rights assigned to files are inclusively restored.** You can flexibly restore a point-in-time backup file.

Select a point-in-time backup file and restore



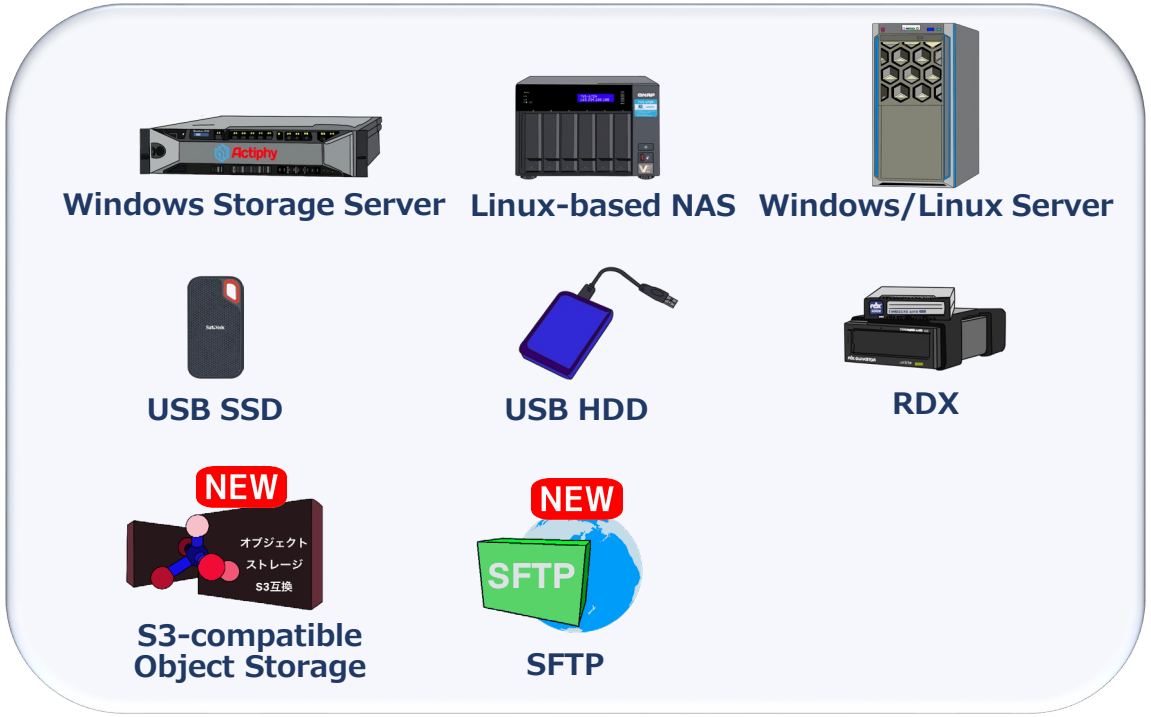
A variety of storage media are supported

Flexibly select a backup destination depending on the system configuration

A variety of Storage Media are supported

Save your backups to any available storage location, including **USB HDD, cloud object storages, etc., supporting a variety of system configuration and backup policies.**

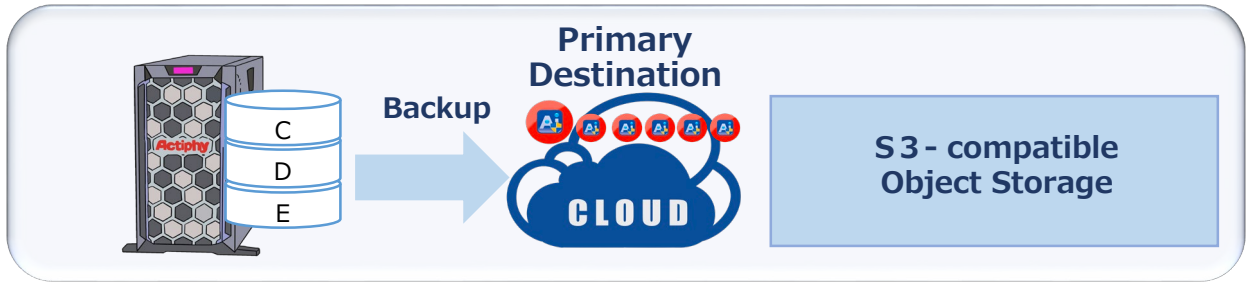
A variety of Storage Media



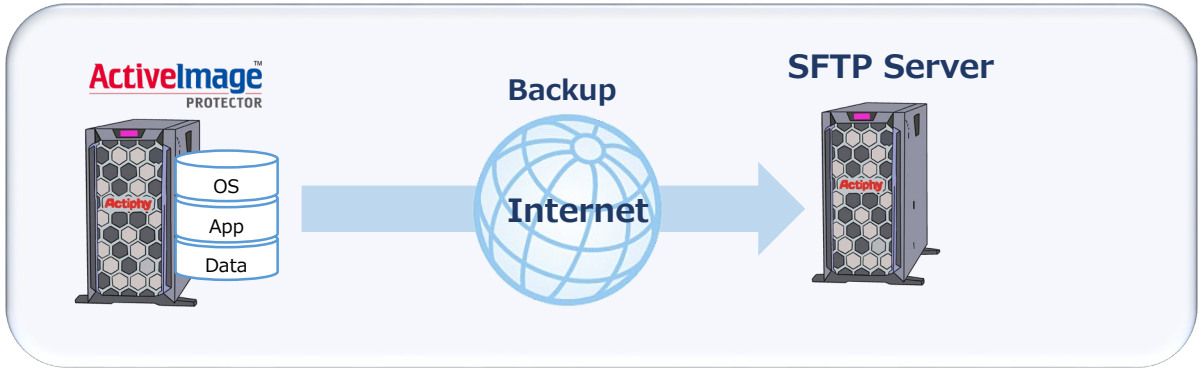
Save your backups to any available storage location NEW

Supported storages include **S3-compatible object storage, SFTP server and LTO tape devices** as backup destinations.

Backup systems directly to cloud storage



Support for SFTP servers providing secure communication



Virtual environment system redundancy solution

vStandby featuring reduction of RTO

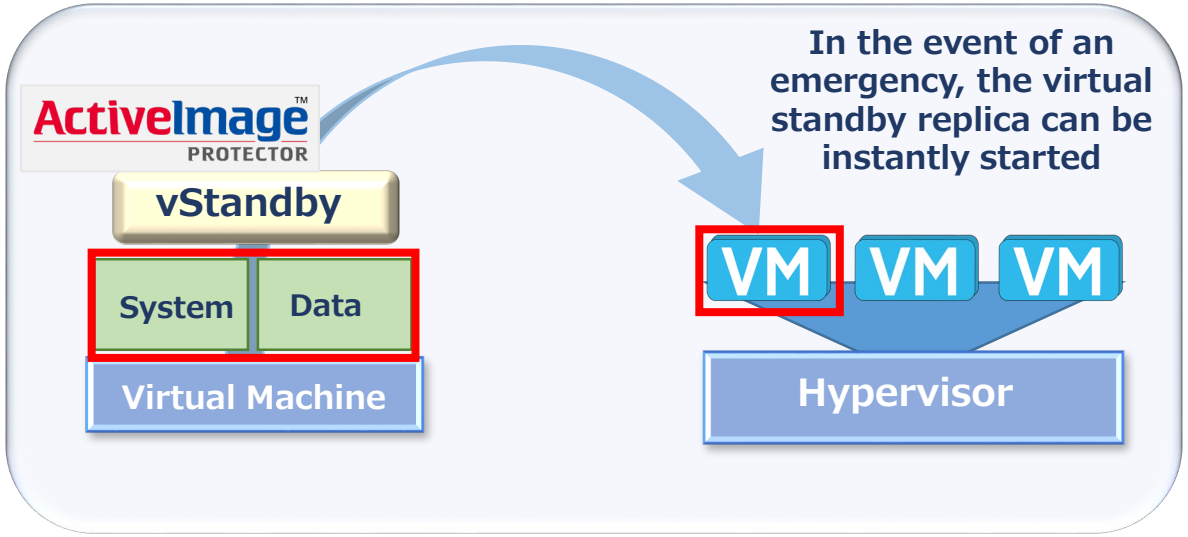
Creates and maintains standby virtual replica

In an emergency, it may take lengthy time to restore a large volume of backup file. vStandby automatically replicates your virtual machines according to the pre-defined schedule on a target virtual host. **When a disaster strikes, the virtual standby replica can be instantly started to continue the operation.**

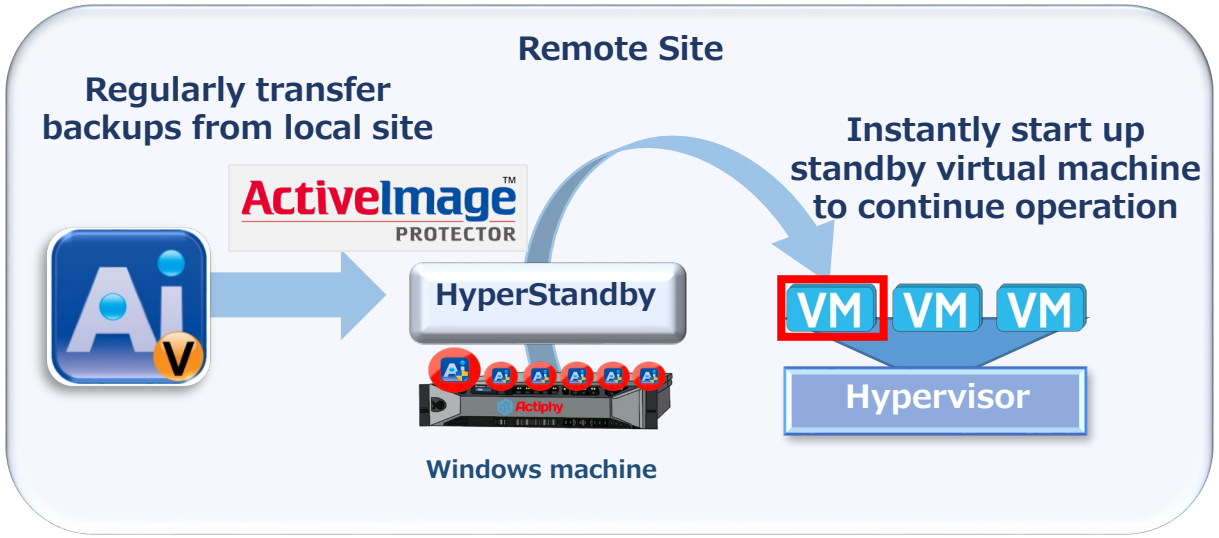
Provides DR solution

HyperStandby enables to restore the system at remote site. Regularly transferring backups to virtual server at remote site, HyperStandby automatically replicates the virtual machines on the remote virtual host according to the pre-defined schedule. You can deploy the system configuration providing DR solution at low cost.

Creates standby virtual machine from a backup file



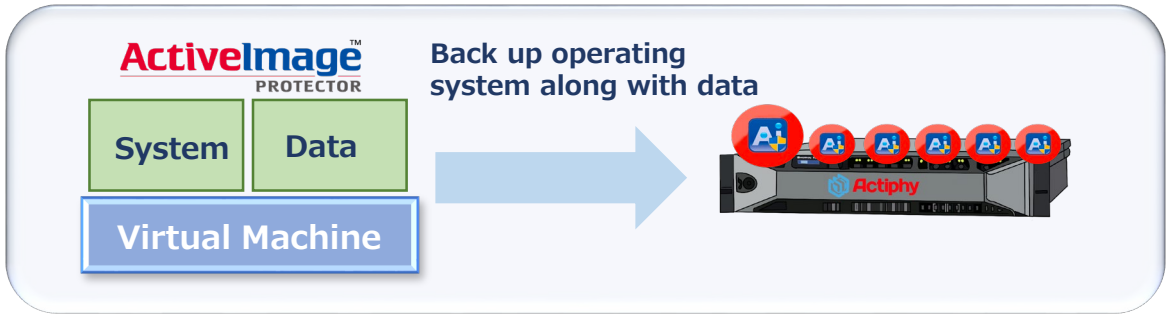
Restore the system at remote site



Main Backup Features

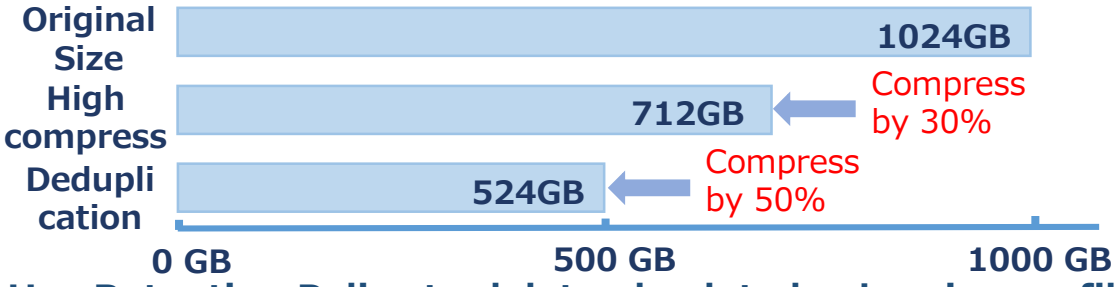
Backup the operating system along with all your data

ActiveImage Protector is **a disk imaging backup of live Windows/Linux system (OS/application) along with all you data.**



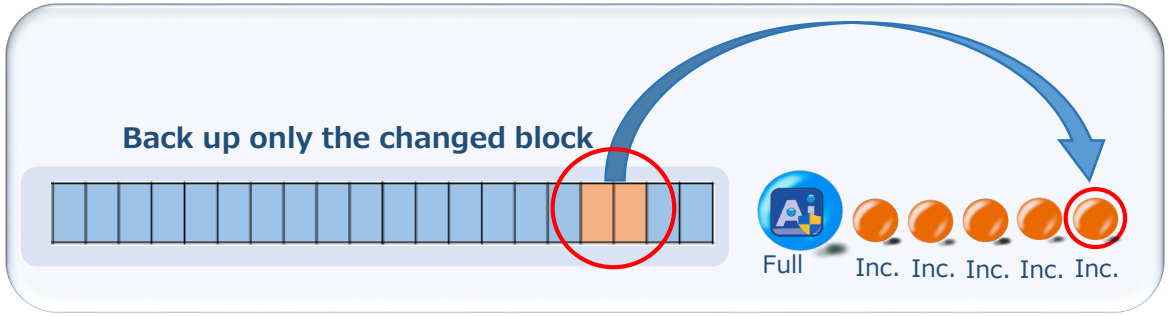
Deduplication Compression reduces storage requirements

Our Inline Data Deduplication Compression (IDDC) feature **eliminates duplicate data while simultaneously compressing it,** resulting in a significant reduction in backup storage requirements and network load.



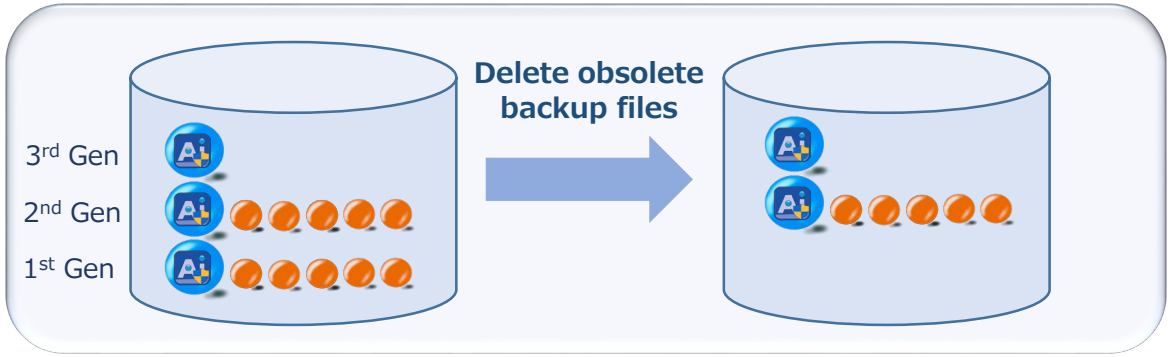
Incremental backup includes only the changed blocks from the last backup

Daily incremental backup includes only the changed block since the last backup and is scheduled on regular basis according to the predefined schedule. **ActiveImage Protector only runs backup tasks according to the predefined schedule, minimizing the consumption of the system resources on the machine.**



Use Retention Policy to delete obsolete backup image files, resulting in reduction of the storage space.

Retention Policy feature allows you to **automatically delete the obsolete backup image set** when the number of backup image sets reaches the preset limitation and reduce the storage space requirements.



Main Recovery Features

Restore the entire disk

Select the most up-to-date incremental backup file, specify the restore target disk and your system is restored to the most updated state. The restore target may be virtual environment, virtual machine on cloud environment.

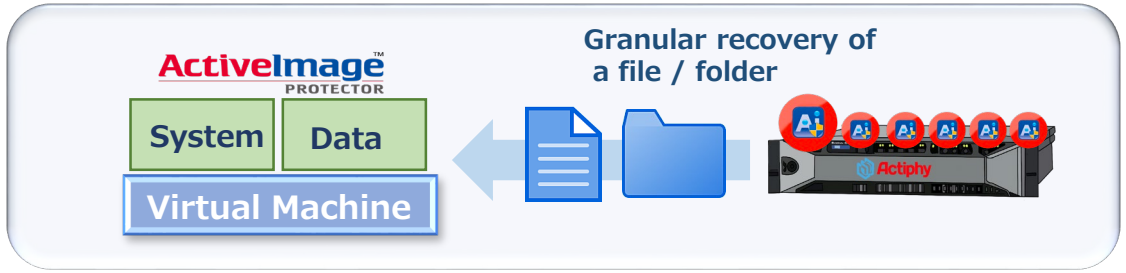
Restore by volume

Restore a backup image of a specific recovery point to a specified volume. For example, **only "D:" drive can be selected from the data volume to restore.**

File / Folder Recovery

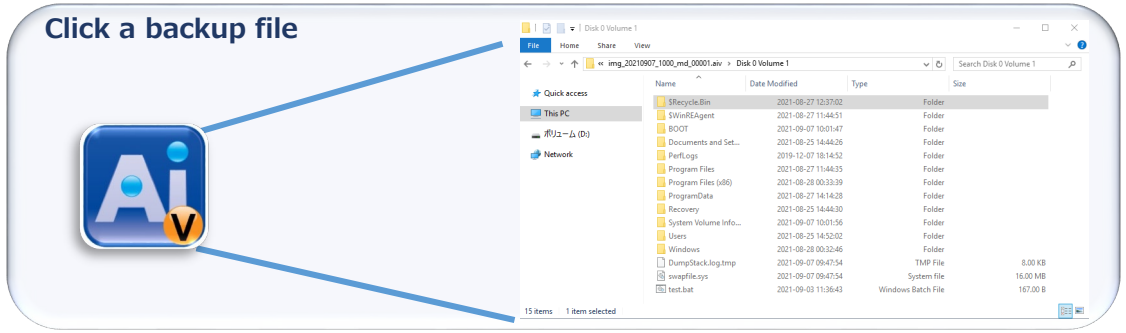
○File Recovery Feature

Granular point-in-time recovery of a file / folder is enabled. The stream information and access rights assigned to files are inclusively restored. When you only need specific files to restore in order to restart your duties, **File Recovery feature can provide you with flexible action.**



○Image Explorer

Installed as a Windows Explorer extension, Image Explorer allows you to browse and copy files and folders from ActiveImage Protector image file without requiring a full image mount, saving your time and system resources. This will allow you to restore individual files or folder.

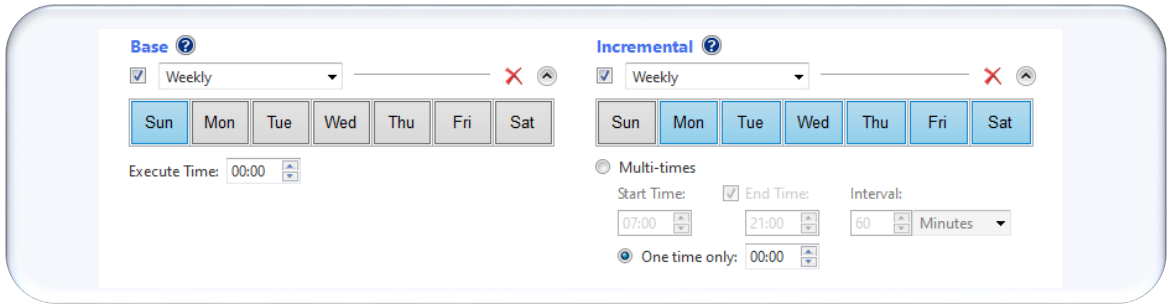


Scheduled Backup

Flexible Multi-scheduling

Backup tasks can be automatically executed according to the onetime, weekly or monthly schedule, specified date / time or a specific day of a week in a specific month.

Weekly - Full backup may be scheduled to execute on the weekend while incremental backup tasks are scheduled from Monday to Friday. Incremental backup can be scheduled to run for multiple times a day.



Monthly - Select by clicking the date(s) of the month and the time of a day to perform a recurring full base backup tasks while incremental backup tasks are scheduled from Monday to Friday.

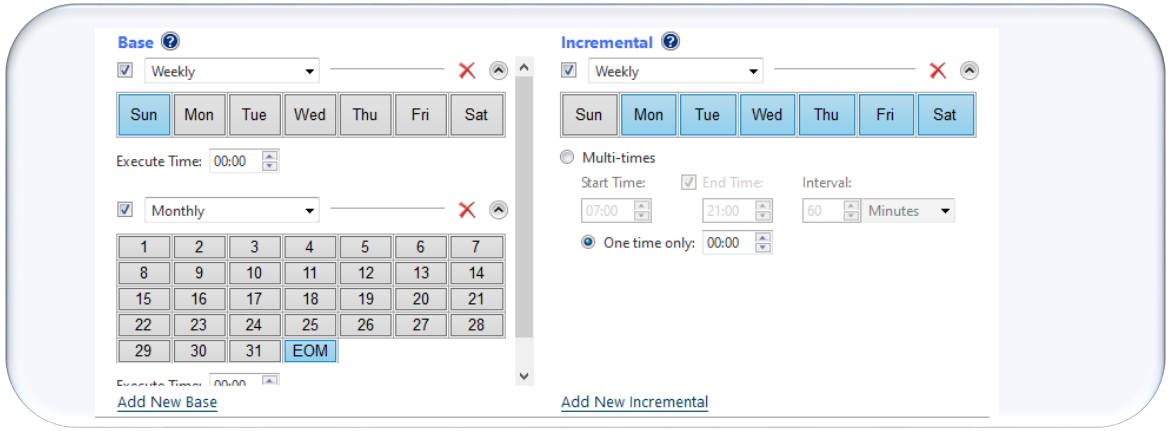
Designate Specific Days - Select by clicking a specific days of a week to perform a recurring full base backup while incremental backup tasks are scheduled from Monday to Friday.

Specified Date / Time - Select by clicking a date and time to schedule a full backup task on specific date while incremental backup tasks are scheduled for other days.

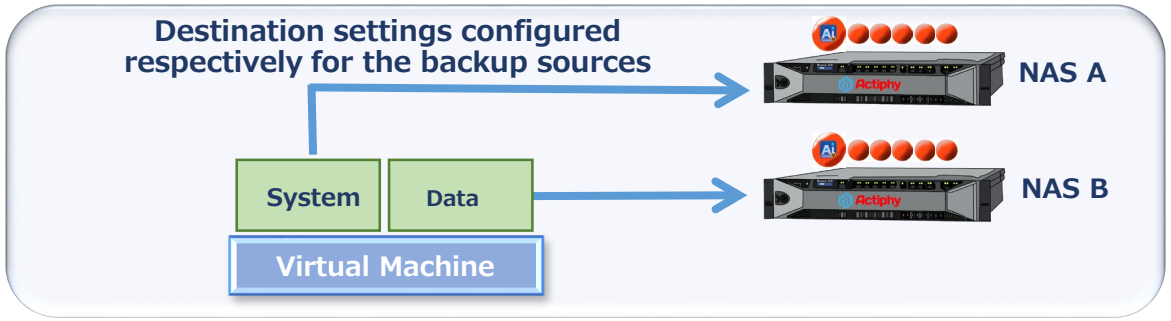
Customized Schedule Settings

Multi-scheduling

Incremental backup tasks are scheduled on weekly basis while full backup tasks are scheduled at the end of a month.



Multiple Backup Destination Settings - Multiple backup task settings can be configured to direct backup files to multiple destinations. Backup files of C drive are created in NAS A while backup files of D drive are created in NAS B.



For your inquiry, please contact:

Actiphy Inc.
E-mail: global-sales@actiphy.com
Tel: +81-3-5256-0877

Actiphy
株式会社 アクティファイ

www.actiphy.com