arcserve®

ARCSERVE BACKUP

PROVEN SCALABLE TAPE, DISK AND CLOUD BACKUP

Arcserve Backup is a comprehensive storage management solution for distributed and multiplatform environments that can backup and restore data from every machine on your network, including those running Windows, UNIX, and Linux. It offers complete control and visibility from one management console, whether supporting small-scale or large-scale enterprise environments across different platforms and organizations.

> Arcserve Backup gives ECOFIS and CreditReform peace of mind that data will be available when it's needed by staff and customers. This reliability enables Creditreform to continue helping businesses to make more informed financial decisions.
>
> **Thomas Höckrich,** Network and Applications Management Department, ECOFIS
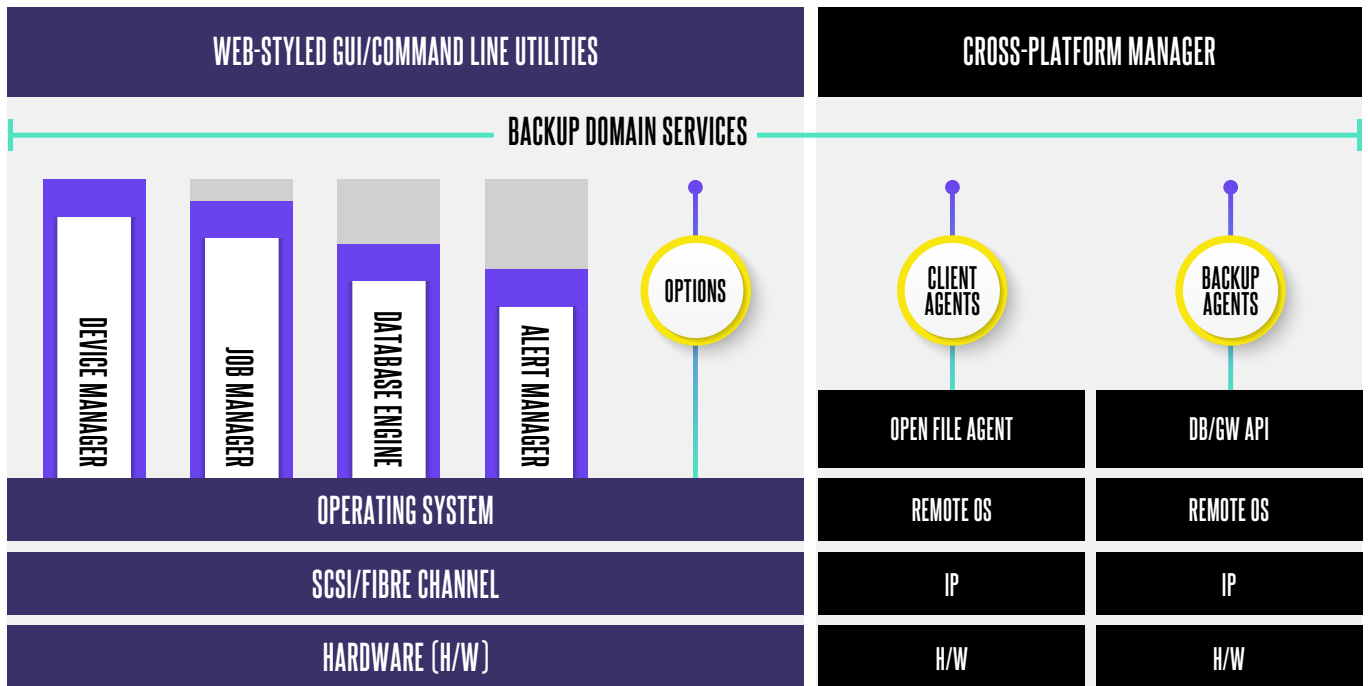
Arcserve Backup's highly-scalable architecture, central database and distributed member servers enables you to manage very large environments with ease, and:

→ **Safeguard** your Windows, Linux, Solaris, AIX, HP-UX and FreeBSD systems in cloud, virtual and physical environments

→ **Protect** Oracle Database, SAP R/3, SAP HANA, Informix, Sybase, Lotus/Domino, Microsoft SQL Server, SharePoint and Exchange

→ **Store** backups securely on nearly any tape device on the market, with certified compatibility for over 60+ vendors

→ **Scale** up, down and out to the cloud on-demand, turning capabilities on and off without forklift upgrades

→ **Save time** with a centralized, intuitive user interface, catalogs and reporting

HOW IT WORKS

WEB-STYLED GUI/COMMAND LINE UTILITIES	CROSS-PLATFORM MANAGER

BACKUP DOMAIN SERVICES

DEVICE MANAGER · JOB MANAGER · DATABASE ENGINE · ALERT MANAGER · OPTIONS

CLIENT AGENTS	BACKUP AGENTS
OPEN FILE AGENT	DB/GW API
REMOTE OS	REMOTE OS
IP	IP
H/W	H/W

OPERATING SYSTEM
SCSI/FIBRE CHANNEL
HARDWARE (H/W)

With Arcserve Backup you can create, manage and monitor jobs from one central location.

Jobs are submitted on the primary server and can be run either locally on the primary server itself, or remotely on any of the associated member servers. Perform job operations such as backup, restore, merge, scan, migrate, copy, compare, and so on for all servers from the primary server. Monitor the job status of from the central job queue.

Central database management is easy with all jobs, sessions and media information stored in the centralized database. In addition, a central catalog file is created with descriptive information about each session and allows you to select the specific files and directories to be restored without having to query the database itself. When data needs to be restored, Arcserve Backup can quickly browse the content of each session in the catalog file from a single central location to locate the information.

With central reporting, you can launch and create scheduled reports for all servers in a domain from the primary server. Schedule, preview, print or email reports for all domain servers from the primary server.

> Arcserve Backup gives us peace of mind that we can provide staff with access to the systems and data they need, regardless of whether they are on land or at sea. This is crucial to ensuring that our customers have an exemplary cruise experience.
>
> **Andrew Ericsson,** IT Manager, Fred.Olsen Cruise Lines

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KEY FEATURES

Comprehensive Backup

- **Broad Platform Support** – protect Windows, Mac, Linux, Solaris, AIX, HP-UX and FreeBSD with one solution
- **Any Application** – safeguard Oracle Database, SAP R/3, SAP HANA, Informix, Sybase, Lotus/Domino, Microsoft SQL Server, SharePoint and Exchange
- **Integrated Data Deduplication** – protect more data and save storage capacity, enabling longer retention periods on disk storage
- **Flexible Backup Options** – disk-to-disk (D2D), disk-to-tape (D2T), disk-to-disk-to-tape (D2D2T), disk-to-disk-to-cloud (D2D2C) backup
- **Multiplexing and Multistreaming** – accelerate and scale performance in any environment
- **Catalogs and Central Database** – find backups and files quickly without recalling tapes or pulling data from the cloud
- **NDMP** – back up NAS and other NDMP-compatible systems while optimizing network flow

Streamlined Management and Architecture

- **Intuitive Central Management Console** – save time with a unified user interface to manage local and remote servers and locations
- **Infrastructure Visualization** – simplify system management with an easy-to-read network diagram view of your entire environment
- **Dashboard with SRM Reporting** – proactively avoid downtime with graphical insight into your backup environment to monitor the status of all backup activities
- **Modular Architecture** – scale the protection to thousands of systems with a multi-tier modular architecture

Quick Recovery

- **Granular Recovery** – restore individual files, emails, Active Directory, Microsoft Exchange, Microsoft SQL Server and Microsoft SharePoint
- **Bare-Metal Recovery** – restore entire Windows systems after disaster on the same or dissimilar hardware

> We have a scalable solution that can support the business as it pursues its growth strategy.
>
> **Rob Parkinson,** IT Director, Arrow Electronics

SUPPORTED PLATFORMS

Windows Server 2019

Certified

Operating Systems

- *(New)* Windows Server 2019
- Windows Server 2016, 2012 R2, 2012 2008 R2, 2008
- NEC ClusterPro X3.X-X4.0
- Windows 10, 8.1, 8, 7, Vista
- Red Hat Enterprise Linux 7.x, 6.x, 5.x
- SUSE Linux 15.x, 12.x, 11.x, 10.x, 9.x including Novell OES 2018, 2015, 11 SP3
- CentOS 7.x, 6.x, 5.x
- Oracle Enterprise Linux 7.x, 6.x, 5.x
- Debian 9.x, 8.x, 7.x, 6.x, 5.x
- Ubuntu Server 16.x, 14.x, 12.x, 11.x, 10.x
- Solaris SPARC 11, 10
- IBM AIX 7.2, 7.1, 6.1
- HP-UX Itanium 11.31
- FreeBSD 12.x, 11.x, 10.x, 9.x
- Red Hat Enterprise Linux for IBM System z
- Mac OS X 10.14.x-10.9.x

Hypervisors

- *(New)* VMware vSphere 6.7 Update 1
- VMware vSphere 6.7, 6.5, 6.0, 5.5
- *(New)* Windows Server 2019 with Hyper-V
- *(New)* Microsoft Hyper-V Server 2019
- Windows Server with Hyper-V 2016, 2012 R2, 2012 2008 R2, 2008
- Microsoft Hyper-V Server 2016, 2012 R2, 2012 2008 R2, 2008
- Guest-based backup for Linux KVM, Citrix XenServer, VMware vSphere, Microsoft Hyper-V

Applications and File Servers

- Microsoft Exchange 2019, 2016, 2013, 2010
- Microsoft SharePoint 2016, 2013, 2010
- Windows SharePoint Services 3.0
- Microsoft SQL Server 2017, 2016, 2014, 2012, 2008 R2, 2008
- Oracle Database 18c, 12c, 11g, 10g on Windows, Linux, Solaris, IBM AIX and HP-UX
- Lotus/Domino 9.0.1, 9.0, 8.5.3-8.5
- Sybase 15.5
- Informix 11.7, 11.5, 11.1
- SAP R/3 with BRTOOLS 7.4 with Oracle DB 12c and 7.2, 7.1, 7.0 with Oracle DB 11g and 10g on Windows, Linux, Solaris, IBM AIX and HP-UX
- SAP HANA 2.0, 1.0

STORAGE

Arcserve Backup supports physical and virtual tape devices, tape libraries, and optical drives from:

actidata	Emulex	IOMEGA)	Nissho	Quantum
ATTO	EqualLogic	Kanematsu	Olympus	Sepaton
Amazon AWS	FalconStor	Electronics	ONStor	SGI
BDT	Fujitsu	Konica	OnStream	Sony
MaxOptix	Fujitsu Siemens	LeftHand Networks	Oracle	Spectralogic
Cristalink	Gateway	LSI	Overland	StarWind
SunStar	Hitachi Data	Mast Storage	Panasonic	Storageflex
Cybernetics	Systems	McData	Pinnacle Micro	SyQuest
Dell	HP & HPE	Microsoft	PivotStor	Tandberg Data
Dell EMC	Huawei	MKE	Plasmon	Tandberg Storage
Dell EMC Data	IBM	NEC	Procom	Toshiba
Domain	Imation	NetApp	ProStor	Toshiba Solutions
DISC	Lenovo and Lenovo	Netgear	PSEC	Unitex
Ecrix	EMC (including	Network Appliance	Qualstar	XIOtech

Refer to the **Arcserve Backup Certified Device List** for more details.

In addition, Arcserve Backup supports:

—— **Disk Storage** – local and SAN disk storage with deduplication

—— **Cloud** – Amazon AWS S3, Microsoft Azure, Eucalyptus-Walrus, Fujitsu Cloud A5, Cloud Object Storage, Cloudian, White Cloud Storage, Cleversafe, IIJ GIO Service, NEC Cloud IaaS Object Storage

Note - some OS and environment-specific limitations may apply

> The Arcserve solution enables us to ensure the continuity of college operations to safeguard learning experience for our students.
>
> **Belal Sayed,** IT Manager, Bradford College

ABOUT ARCSERVE

Arcserve provides exceptional solutions to protect the priceless digital assets of organizations in need of full scale, comprehensive data protection. Established in 1983, Arcserve is the world's most experienced provider of business continuity solutions that safeguard every application and system, on every premises and every cloud. Organizations in over 150 countries around the world rely on Arcserve's highly efficient, integrated technologies and expertise to eliminate the risk of data loss and extended downtime while reducing the cost and complexity of backing up and restoring data by up to 50 percent.

Explore more at www.arcserve.com