NETWORK & ENDPOINT SECURITY

Content:

1. Arcserve

ARCSERVE PRODUCTS OVERVIEW

Helping Businesses Protect What's Priceless

Established in 1983, Arcserve has redefined the way companies protect their data, bringing decades of innovation and countless hours of iteration to the solutions they rely on to keep their businesses running smoothly. Arcserve's roots in innovation run deep, going far beyond backup-as-usual to protect the time, money and productivity of users by removing the cost and complexity of modern IT.

Arcserve's comprehensive technology portfolio helps organizations solve for any business continuity challenge with battle-tested disaster recovery, backup, high availability and archiving solutions. With Arcserve, IT teams:

Minimize and eliminate downtime, as well as prevent data loss from all IT platforms

Protect mission-critical systems from cyber-attacks, ransomware, and other unplanned disruptions

Facilitate digital transformation strategies with cross-cloud and multi-cloud data protection

Manage and protect every type of workload without juggling multiple tools or interfaces

Increase stakeholder transparency and manage legal compliance risk

Reduce IT complexity and costs by up to 50%[1]

[1] Arcserve Customer Survey, November 2017

ARCSERVE BUSINESS CONTINUITY CLOUD

A single, cloud-hosted solution to meet RTOs, RPOs, and SLAs without the complexity of multiple tools, vendors and interfaces.

Cloud is rapidly changing the way businesses back up data, yet most continue to use non-x86 platforms to support legacy applications. Arcserve Business Continuity Cloud untangles the knot of 21st Century IT by delivering powerful backup, disaster recovery, high availability, and email archiving technologies through a single cloud-native management interface.

Businesses are armed with complete protection for their entire IT ecosystem, eliminating downtime and data loss in any location, from their applications and systems, at their premises and in their clouds.

→ **Prevent IT disasters** with integrated cloud-native, cloud-based, and cloud-ready technologies

→ **Restore SLAs** and support RTOs and RPOs from seconds to hours

→ **Automatically test** and validate recoverability with granular reporting

→ **Immediately restore** access to critical systems and applications

→ **Safely move** large volumes of data to and from the cloud without draining bandwidth

→ **Easily scale** and pay-as-you-grow without adding more tools or management interfaces

ARCSERVE UNIFIED DATA PROTECTION
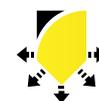
Reliable, all-in-one disaster recovery and backup for cloud, virtual and physical workloads.

Arcserve Unified Data Protection (UDP) combines enterprise-ready technologies into an all-in-one solution that delivers every data protection capability businesses need, without the complexity of traditional enterprise solutions. Powered by heterogeneous, image-based technology that protects to and from any target, it eliminates the need for discrete products.

→ **Safeguard** IT systems and applications in cloud, virtual and physical environments from one interface

→ **Reduce** the risks of extended downtime by cutting RTOs and RPOs from days to minutes

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

→ **Validate** RTOs, RPOs, and SLAs with built-in Assured Recovery™ testing

→ **Free** up to 20x more storage with built-in global, source-side deduplication

→ **Reclaim** up to 50% more time to spend on strategic IT initiatives

ARCSERVE APPLIANCES SECURED BY SOPHOS
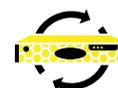
First and last line of defense against cyber-attacks, IT disasters and data loss.

The Arcserve 9000 Appliance Series is the first and only means to neutralize ransomware attacks, deliver effective disaster recovery (DR) and restore data - an all-in-one data protection strategy that can be deployed in just 15 minutes flat.

Powered by award-winning Arcserve Unified Data Protection (UDP) and Sophos Intercept X cybersecurity, Arcserve Appliances uniquely combine deep learning endpoint protection with onsite and offsite business continuity capabilities for a multilayered approach that delivers complete IT resiliency, scaling from 12TB to 504TB to meet the business needs of any organization.

→ Prevent and mitigate ransomware by deploying a first and last line of defense with integrated endpoint protection and business continuity technologies

→ Protect, manage, and grow with onsite and offsite disaster recovery, backup, and continuous availability

→ Go beyond reactive security approaches with cutting-edge deep learning technologies that detect both known and unknown malware

→ Rely on the only proven solution designed by vendors with over 70 years of combined experience in protecting IT systems and data from disruptions

→ Gain peace of mind with a single point of contact for backup, disaster recovery, security, hardware and cloud services

ARCSERVE CONTINUOUS AVAILABILITY

Continuous data protection to ensure vital systems and applications remain operational.

Arcserve Continuous Availability ensures business continuity for applications and systems with proven technologies that have one common purpose: to keep the business up and running, and operational. Confidently deliver on the most stringent SLAs with asynchronous technologies that eliminate the need for discrete replication programs focused on specific applications and systems.

Arcserve Continuous Availability synchronizes the data on Windows and Linux systems with a second physical or virtual system provisioned locally, at a remote location, or in the cloud. Once synchronized, byte-level changes are continuously replicated from the production system to the replica system, providing constant protection to keep data and information accurate, and systems operational.

⟶ **Keep the entire IT infrastructure fully operational** with real-time, byte-level replication at the file system level of files/folders and applications, and full physical/virtual systems

⟶ **Rollback applications** to a point in time before a system crash, data corruption, or ransomware event

⟶ **Ensure continuous availability** during and after an unplanned outage with real-time server and application monitoring, and heartbeat-powered automatic failover

⟶ **Keep business stakeholders informed** with built-in testing and SLA reporting

ARCSERVE LIVE MIGRATION

Migrate data, applications and workloads to the cloud without downtime.

Arcserve Live Migration simplifies the process of migrating data, applications and workloads to the cloud or other target destinations of your choice. In addition to real-time replication which ensures your source and target are in sync before the migration, Arcserve Live Migration will orchestrate the cutover to the target destination to take the complexity out of the migration.

⟶ **Migrate** on-premises workloads to the cloud to be able to take advantage of cost savings, efficiency and scale

⟶ **Eliminate** manual steps that are typically involved with a workload migration

⟶ **Achieve the flexibility** to move the type of workload and target destination on your terms

⟶ **Test the migration** before cutover without any impact on production

ARCSERVE UDP CLOUD HYBRID

Cloud-based backup, disaster recovery and long-term retention for hybrid IT infrastructures.

Many businesses are adopting hybrid cloud solutions for improved agility and lower costs, yet quickly realize their infrastructures have just become more complex. Offered as a service extension to Arcserve's proven UDP software and appliances, Arcserve UDP Cloud Hybrid meets modern IT requirements with a single solution for cloud backup, offsite disaster recovery and long-term retention.

⟶ **Protect, manage, migrate and failover** to private and public clouds, including the Arcserve Cloud, Microsoft Azure, Amazon AWS, and many more

⟶ **Keep systems and applications running** with remote virtual standby for emergency failover and failback

⟶ **Efficiently transfer data offsite** without draining bandwidth with WAN optimization for optimal network performance

⟶ **Cut storage costs and requirements** by freeing up to 20x more capacity with built-in global, source-side deduplication

⟶ **Guarantee critical systems are fully protected** offsite with SSAE16-certified data centers and 256-bit AES data encryption at the source, in flight, and at rest

ARCSERVE UDP CLOUD DIRECT

Cloud-native backup and disaster recovery as a service (BaaS/DRaaS) for hardware-free, near-zero data loss

Arcserve UDP Cloud Direct is a robust direct-to-cloud backup and disaster recovery service offering designed to seamlessly protect large and distributed IT environments, and remote offices without requiring local hardware or management. With industry-leading backup times and RTOs/RPOs of minutes, IT teams keep businesses running smoothly during an outage.

⟶ **Set up and manage** all backup deployments with a few clicks, and scale infinitely without the need for on-premises hardware or storage sub-systems

⟶ **Power on and replicate** complex networks in the cloud, and carry on business-as-usual with push-button failover

⟶ **Drastically reduce downtime costs** with industry-leading <5-minute RTOs and <15-minute RPOs

⟶ **Eliminate the impact of ransomware** with continuous third-party vulnerability scans, SSL encryption, and the ability to go back in time to multiple recovery points and restore error-free

⟶ **Minimize the draw on system resources** with advanced change detection and multithreaded transport

ARCSERVE UDP CLOUD ARCHIVING

Fully managed email archiving to protect and manage corporate email records.

Arcserve UDP Cloud Archiving enables modern email archiving management by equipping businesses with the capabilities necessary to fully comply with legal and regulatory requirements, while eliminating the cost and hassle of traditional archiving solutions.

As a SaaS-based solution, IT teams optimize storage and increase performance by storing archived email in a location independent from their primary mail system. And, with capacity-based licensing, businesses dramatically reduce costs by protecting unlimited mailboxes and only paying for the storage they use.

→ **Eliminate time spent** counting employees by protecting unlimited mailboxes and only paying for the storage used

→ **Quickly and accurately** search, retrieve, and export emails for legal discovery and compliance audits

→ **Easily implement** legal holds and ensure sensitive emails aren't destroyed for defensible disposition

→ **Ensure compliance** with regulatory requirements, including FOIA, GDPR, HIPAA, PCI DSS, SOX, FISMA and others

→ **Automatically capture and retain** emails as encrypted, unalterable corporate records right from the moment they're sent and received

ARCSERVE UDP ARCHIVING

Purpose-built email archiving solution for regulatory compliance.

Arcserve UDP Archiving is a purpose-built email archiving solution that makes it easy to comply with stringent legal and regulatory requirements, delivering robust capabilities on- and offsite, as well as across multiple tenants and languages. Businesses eliminate the cost and hassle of traditional archiving solutions and leverage robust capabilities not found in native solutions, including Office 365, at a lower cost.

→ **Automatically capture and retain** emails as encrypted, unalterable corporate records right from the moment they're sent and received

→ **Comply with legal and corporate regulations**, such as GDPR and HIPAA

→ **Simplify lifecycle management** by automatically removing email records when retention periods have expired

→ **Quickly and accurately** search, retrieve, and export emails for legal discovery and compliance audits

ARCSERVE BACKUP

Battle-tested backup to tape, disk and cloud storage.

Arcserve Backup is a comprehensive storage management solution designed with unique technologies that improve the economies of data protection by enabling longer retention periods, reducing storage, and integrating powerful deduplication into existing backup environments. Its highly-scalable architecture, central database and distributed member servers let IT teams manage very large environments with ease, with full control and visibility from one management console – whether supporting small- or large-scale enterprise environments across different platforms and organizations.

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

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

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

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

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

Explore more at **www.arcserve.com**