

# Arcserve UDP

## Data Resilience. Ransomware Protection. Application & Data Availability

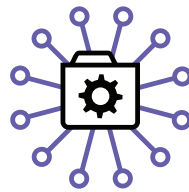
**Arcserve® Unified Data Protection (UDP)** protects your priceless data from ransomware, natural disasters, disgruntled employees, hardware failures and operational issues.

Arcserve UDP powers Arcserve’s Data Resilience Platform. It adds critical capabilities to support a variety of disaster recovery and business continuity use cases.



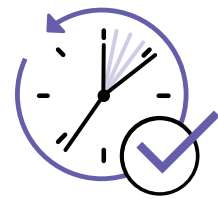
### Cybersecure Data Protection

A multi-tiered and multilayered security approach offer complete ransomware resilience for backup data, a critical component of the unified data resilience strategy



### Cluster-like Data & Application Availability

Most cost-effective, cluster-like data and application availability. Perfect fit for multiple DR scenarios offering operation continuity without the hassles, and exorbitant costs associated with clusters



### Instant & Reliable Data Recovery

Data can be retrieved reliably, quickly, and efficiently. Immediate access to application and file server data contained within Arcserve UDP backups. Eliminates downtime associated with traditional restores

Arcserve UDP uniquely combines deep learning server protection, immutable storage, and scalable onsite and offsite business continuity for a multi-layered approach that delivers complete IT resiliency for your virtual, physical, and cloud infrastructures.

- ✓ Complete ransomware resilience for protected data
- ✓ Multilayered protection for your priceless digital assets
- ✓ Availability-oriented protection to support always-on businesses
- ✓ Assured & Reliable Recovery with non-disruptive DR testing
- ✓ Orchestrated recovery: Allows you to recover any workload, in any place, and at any time

Architected with cloud-native capabilities, Arcserve UDP integrates your on and off-site backup and rapid restore with built-in cloud DR and backup to the Arcserve® Cloud, as well as to private and public clouds, including Amazon® AWS, Microsoft Azure®, Oracle Cloud®, Nutanix® Objects, and others.



**“With UDP, we have great data protection, increased uptime and peace of mind that we can recover data and servers quickly and efficiently”**

- Robin Rohit, Head of Educational Technology Centre, Ibra College of Technology



Eliminate the need for discrete products, and:

- ✓ **Prevent** ransomware attacks on critical disaster recovery infrastructure with Sophos Intercept X Advanced for Server.
- ✓ **Secure** with immutable of data backups on-premises or in the cloud with support for physical & logical air gapping.
- ✓ **Safeguard** your systems and applications in cloud, virtual, and physical environments.
- ✓ **Scale** both vertically and horizontally adding capacity and throughput plus on-demand cloud.
- ✓ **Validate** your RTOs, RPOs, and SLAs with built-in Assured Recovery testing.
- ✓ **Amplify** storage efficiency by up to 20x with built-in global, source-side deduplication, i<sup>2</sup> technology, and compression.
- ✓ **Reclaim** up to 50% more time to spend on strategic IT initiatives.<sup>1</sup>

**95%** Storage space savings with deep data reduction

**39+** Years of experience protecting business data

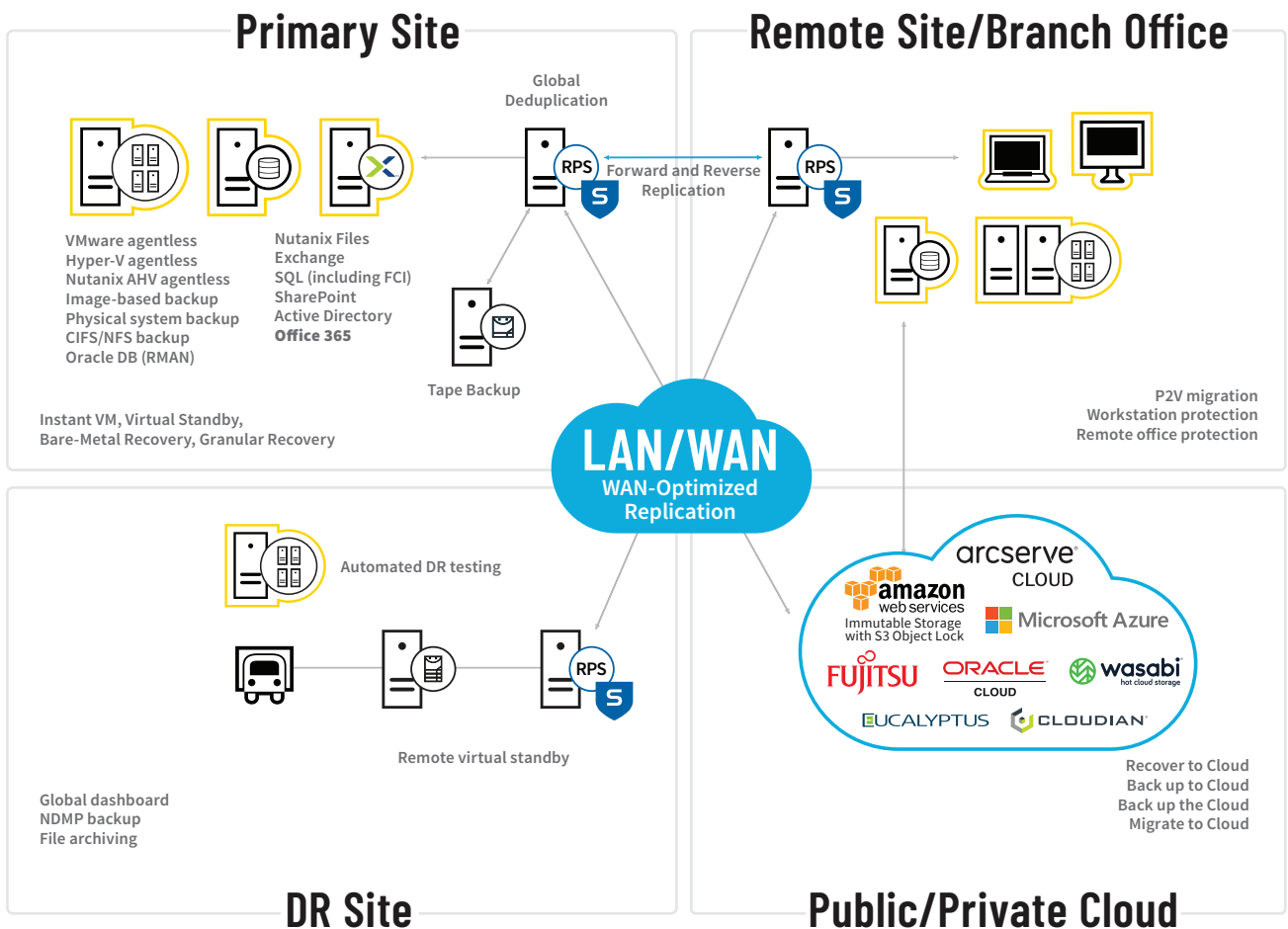
**50%** Reduction in time spent managing data protection<sup>1</sup>



*“Arcserve UDP helps us protect our data, which is the lifeblood of the organization”*

- Douglas Hughes, Systems Administrator, Grey Matter

**Unified Management Cloud-based or Private Console<sup>2</sup>**



<sup>1</sup>Arcserve Customers Survey

<sup>2</sup>Refer documentation on specific differences between Arcserve UDP's Cloud Console and On-Premises Private Console.





*“Arcserve UDP is freeing up eight hours of time each week, which can now be spent on better supporting users and increasing their productivity”*

*- Menno Scheelings, ICT Coordinator, Luxaflex Benelux*

## Key Features

### Complete Ransomware Resilience

- Keep your data and system backups safe with **Sophos Intercept X Advanced for Server**, protecting UDP recovery point servers (RPS) and the management console.
- Stay protected against any threat, including unknown malware, utilizing a **deep learning neural network** combined with **signature-based protection** from common threats.
- Eliminate exfiltration threats and **prevent major hacking techniques**, including credential harvesting, lateral movement, and privilege escalation with exploit prevention.
- Backup directly to an **immutable store**, on premises, with Arcserve UDP's RPS configured on an Arcserve OneXafe appliance
- Protect backups from deletion or alteration with **immutable cloud storage** powered by Amazon AWS S3 Object Lock.

### Unified Management Console

- **Cloud-based, Multitenant**, management plane or a secure private console to suit operational needs
- Protects data with a **robust user authentication system** using Okta for user authentication services
- Enhanced **Availability, Durability & Scalability** with Cloud Object Storage: Store Deduplicated backups directly on cloud object storage - AWS S3, Wasabi, or Google Cloud Storage
- **Smart Dashboard & Reports:** Per Tenant reporting with detailed information on protection status and insightful reporting on overall protection status
- **Modern Architecture**, Enhanced User Experience & Workflows: Fast and secure, fully encrypted remote management using a REST API driven architecture

### Heterogeneous Application & Data Protection

- Implement secure backup and **orchestrated DR** for virtual, physical, and cloud Windows / Linux servers.
- Protect Nutanix Hyperconverged Infrastructure with **Nutanix AHV, Files and Objects integration, VMware, Hyper-V, RHEV, KVM, Citrix, and Xen VMs** with a selection of agentless and agent-based backups.
- Back up and recover **Oracle Databases** with native RMAN integration, **Microsoft SQL Server** (including FCI clusters), **Exchange, SharePoint, Active Directory, and Microsoft 365**.
- Safeguard **File Servers, NAS, SAN, UNIX, FreeBSD, AIX, HP-UX, Solaris, SAP R/3, SAP HANA**, and more, shielding them from ransomware, with Arcserve Backup, available with eligible Arcserve UDP installations.



## Availability and Recovery-Oriented Platform

- **Cluster-like availability of data and applications:** Virtual copies of backups, readily available on Nutanix AHV, VMware vSphere, Microsoft Hyper-V, Amazon AWS EC2, and Microsoft Azure with UDP's **Virtual Standby**.
- Spin up business-critical system backups as virtual machines on-demand in Nutanix AHV, VMware vSphere, Microsoft Hyper-V, Amazon AWS EC2, and Microsoft Azure with UDP's **Instant VM**.
- Schedule automated disaster recovery tests with advanced reporting for stakeholders through **Assured Recovery**.
- **Granular** restoration of individual files, emails, Active Directory objects, SharePoint Documents, and Oracle Database tables.
- Attach backups **as virtual drives** in Windows and NFS shares in Linux for advanced insights.

## Optimize Data Protection

- Protect newly added Nutanix AHV, VMware vSphere, and Microsoft Hyper-V virtual machines **automatically**.
- Increase storage efficiency with built-in, global, at-source, advanced, **block-level deduplication**.
- Reduce the need for dedicated bandwidth with built-in, **WAN-optimized backup replication**.
- Safeguard the data in flight and at rest with built-in **AES/SSL encryption and TLS 1.2**.
- Integrate storage infrastructure with **hardware snapshot integration** for HPE 3Par, Nimble Storage, and NetApp ONTAP.
- Tape air gap for your sensitive data site with proven **tape drive and tape library integration**.

## Elevate to the Cloud with Deep Integration

- Benefit from cloud economies of scale **by storing backups and rapidly spinning up systems off-site** with Arcserve UDP Cloud Hybrid Secured by Sophos, or by utilizing integration with private and public clouds, including Amazon® AWS, Microsoft Azure®, Eucalyptus®, and Rackspace®.
- Protect your **Amazon AWS** and **Microsoft Azure** workloads from data loss and extended downtimes.
- Safeguard your **Microsoft Office 365** Exchange Online emails, SharePoint Online documents, OneDrive for Business files, and Teams data from data loss.
- Install UDP in Amazon AWS, Microsoft Azure, VMware vCloud Air, NTT Enterprise Cloud, or Fujitsu Cloud for **cloud-to-cloud backup with deduplication**.

## Streamline Management and Reporting

- Reclaim up to 50% more time to spend on strategic IT initiatives.
- Scale disaster recovery and backup seamlessly with **policy-based management**.
- Keep business and IT stakeholders informed with **SLA reporting** including recovery time objective (RTO) and recovery time actual (RTA) comparisons.
- Customize deeper with **CLI, API, and DB integration**.



Explore more at [arcserve.com](https://arcserve.com)