

ARCSERVE UDP

UNIFIED DISASTER RECOVERY AND BACKUP

Arcserve Unified Data Protection (UDP) combines industry-proven disaster recovery, backup and true global deduplication technologies into an all-in-one solution that delivers every data protection capability you and your business need.

Powered by heterogeneous, image-based technology that protects to and from any target, it unifies enterprise-ready features without the complexity of traditional solutions.



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:

- **Safeguard** your systems and applications in cloud, virtual and physical environments
- **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** 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
- **Reclaim** up to 50% more time to spend on strategic IT initiatives¹

- 20X** Potential deduplication ratio
- 30+** Years of experience protecting business data
- 50%** Reduction in time spent managing data protection¹



Arcserve UDP helps us protect our data, which is the lifeblood of the organization.

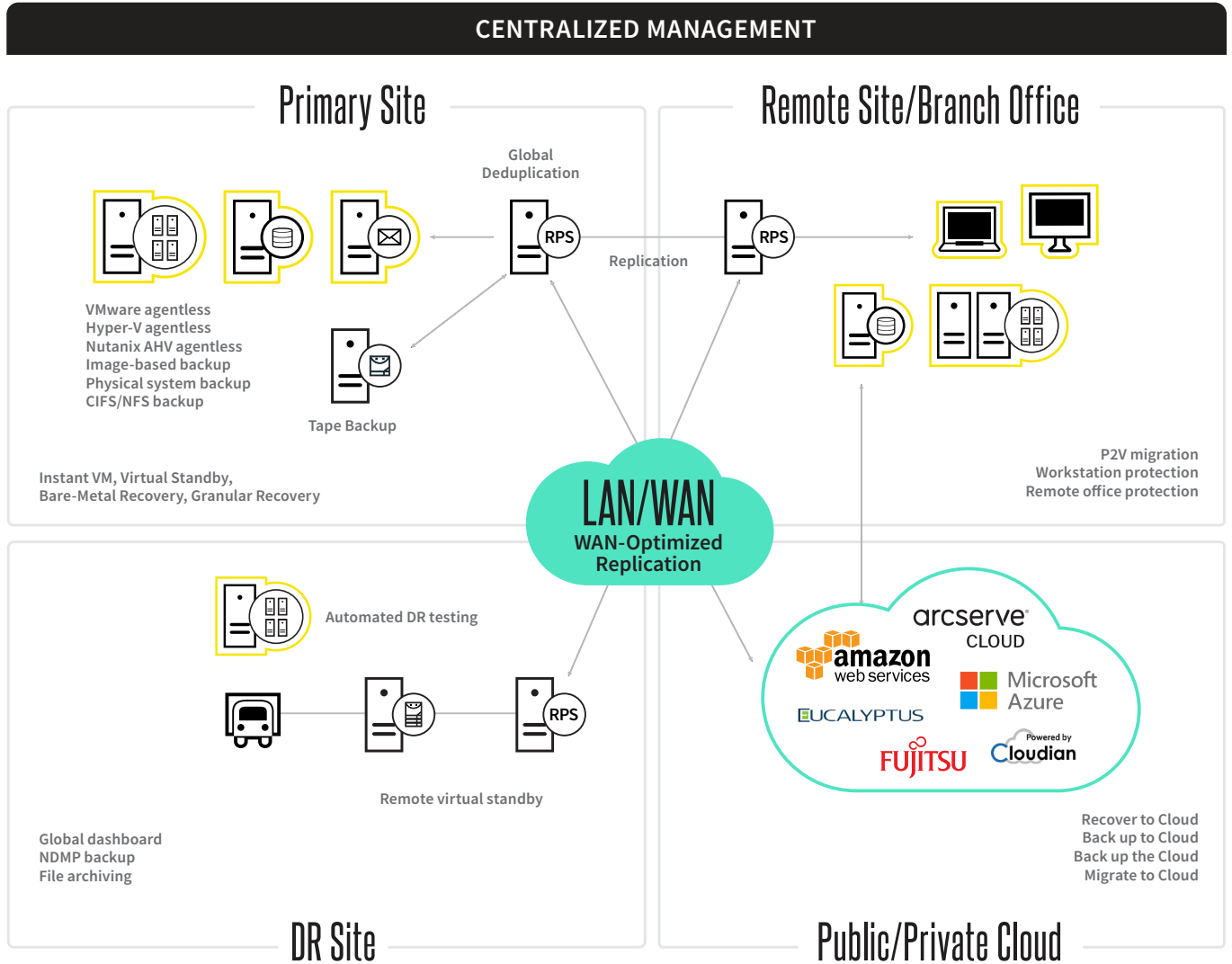
– Douglas Hughes, Systems Administrator, Grey Matter



¹ November 2017 Arcserve Customer Survey



HOW IT WORKS



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

Quick Recovery

- **Virtual Standby** – maintain virtual copies of mission-critical systems on Nutanix AHV, VMware vSphere, Microsoft Hyper-V, Amazon AWS EC2 and Microsoft Azure for fast boot-up
- **Instant VM** – 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
- **Assured Recovery™** – schedule automated disaster recovery tests with advanced reporting for stakeholders
- **Granular Recovery** – restore individual files, emails, Active Directory objects, SharePoint Documents
- **Mount Backups** – attach backups as virtual drives in Windows and NFS shares in Linux for advanced insights

Comprehensive Backup

- **Agentless VM Backup** – protect Nutanix AHV, VMware vSphere and Microsoft Hyper-V, with automatic protection of newly added VMs
- **Advanced Deduplication** – increase storage efficiency with true, global, at-source deduplication
- **Built-in WAN-optimization** – decrease bandwidth requirements for cloud and remote site backup
- **Advanced Security** – safeguard the data in-flight and at-rest with built-in AES/SSL encryption and TLS 1.2
- **Hardware Snapshot** – HPE 3Par, Nimble Storage and NetApp ONTAP

Deep Cloud Integration

- **Cloud Disaster Recovery** – run critical systems in the Arcserve Cloud, AWS and Azure after a disaster
- **Cloud Backup** – store copies of your backups in the Arcserve Cloud, Amazon AWS, Microsoft Azure and more clouds
- **Amazon AWS and Microsoft Azure** – protect your workloads from data loss and extended downtimes
- **Microsoft Office 365** – safeguard your emails, documents and files from data loss
- **Cloud Deployment** – install Arcserve UDP in Amazon AWS, Microsoft Azure, VMware vCloud Air, NTT Enterprise Cloud or Fujitsu Cloud Service for OSS for cloud-to-cloud backup with deduplication

Streamlined Management and Advanced Reporting

- **Web-based Console** – save time with unified, streamlined user interface
- **Role-based Administration** – assure security with complete access control
- **Policy-Based Management** – scale disaster recovery and backup without extra effort
- **SLA Reporting** – keep business stakeholders informed with RTO and RTA (Actual) comparison
- **CLI, API and DB integration** – advanced capabilities for deeper customization



We now have a strategy for disaster recovery that provides the IT team and users with complete peace of mind.

– Simon Hurlstone, IT Manager, Hunters



SUPPORTED PLATFORMS

Operating Systems

- (New) Windows Server 2019
- Windows 2016, 2012 R2, 2012, 2008 R2, 2008
- Windows 10, 8.1, 8, 7
- Red Hat Enterprise Linux 5.0-7.6, CentOS 6.0-7.6, SUSE Linux Enterprise Server 11.3-12.4, Oracle Linux Server 5.5-7.4, Oracle UEK R5, Debian 8.0-9.8, Ubuntu 14.04 LTS-18.04 LTS

Hypervisors

- (New) Nutanix AHV 5.5.3.1 and 5.10.x - including agentless backup, Instant VM, Virtual Standby and Assured Recovery
- (New) VMware vSphere 6.7 U2, 6.7 U1, 6.7, 6.5, 6.0, 5.5 – including agentless backup, Instant VM, Virtual Standby and Assured Recovery
- Microsoft Hyper-V Server and Windows Server with Hyper-V 2019, 2016, 2012 R2, 2012, 2008 R2 SP1 including agentless backup, Instant VM, Virtual Standby and Assured Recovery
- Guest-based backup for Linux KVM, Citrix XenServer, Oracle VM Server, as well as Nutanix AHV, VMware vSphere and Microsoft Hyper-V

Cloud Data and Workloads

- (New) Office 365 OneDrive for Business
- Office 365 Exchange Online
- Office 365 SharePoint Online
- Amazon AWS instances
- Microsoft Azure VMs

Applications and File Servers

- (New) Microsoft Exchange 2019 (including DAG) database backup and recovery
- Microsoft Exchange 2016, 2013, 2010 (including DAG) with granular item recovery
- (New) Microsoft SQL Server 2019
- Microsoft SQL Server 2017, 2016 SP1, 2014, 2012, 2008 R2, 2008
- (New) Microsoft SharePoint 2019
- Microsoft SharePoint 2016, 2013, 2010
- Oracle Database 18c, 12c with Oracle Fail Safe 4.2.1, 11g
- Windows Active Directory, including granular recovery

Storage

- Local disk storage – including true, global, source-side deduplication with up to 1:20 ratio
- Hardware snapshots – NetApp with Data ONTAP 8.1-8.3 and 9.3-9.5; Nimble OS 2.3.6.1-4.3; HPE 3Par StoreServ OS 3.2.2 or later with HPE RMC 2.0-5.0.x; VSS and VADP hardware snapshots, including Dell EMC Unity and Kaminario
- Tape – including standalone drives and tape libraries
- Cloud – Arcserve Cloud, Amazon S3, Microsoft Azure (including blob), Eucalyptus-Walrus, Fujitsu Cloud, and all compatible clouds
- Cloud (file copy only) – NIFTY, Cloudn, Cloudian, White Cloud Storage, IJ GIO, HGST

File Systems

- Windows: NTFS, ReFS, CSVFS (full backup)
- Linux: ext2, ext3, ext4, ReiserFS 3, XFS*, JFS*, including LVM* and software RAID on MBR and GPT disks
- NAS: CIFS, NFS

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 the reducing the cost and complexity of backing up and restoring data by up to 50 percent.



Explore more at www.arcserve.com