

Comprehensive Agentless Cloud Backup and Recovery Software for the Enterprise





Your company's single most valuable asset may be its data.

Customer data, product data, financial data, employee data — this is the lifeblood of modern organizations. And when something goes wrong, you will not define success by how the data was backed up — all that matters is getting your data back. All of it. All the time. All correct. All at once.

In data backup, recovery is everything. With this as the ultimate goal, your data protection solution should deliver maximum:

- Security
- Manageability
- Reliability
- Affordability

Comprehensive Data Protection and Recovery from Anywhere, Anytime

Our solution powered by Asigra protects all of your organization's critical data, including applications and databases, whether it's on physical servers, virtual machines, Docker, on desktops, laptops, smartphones and tablets, in SaaS-based applications such as G Suite, Salesforce.com, or Microsoft Office 365, or in cloud-based platforms like Amazon Web Services and Microsoft Azure.

With our solution, you avoid the cost, complexity, and protection gaps that are inherent with point solutions — solutions designed to protect only one or a small handful of data source types. The central administrative dashboard provides you with an organization-wide, real time view of your data protection status across all protected data sources, enabling you to quickly identify protection failures. Any failures can be immediately addressed using the same dashboard.

Although our solution is comprehensive, it does not force 'one-size-fits-all' protection on your data sources. Instead, we recognize that different data sources and workflows within your organization could have very different protection needs. For example, some VMs may need to be backed up once while others may require daily backups. Other VMs running mission critical apps may need to be replicated hourly to a warm standby VM for fast failover and disaster recovery purposes. Still other VMs may need to be both replicated and backed up. With our solution, you can easily establish rules like these on a granular basis to achieve your organization's overall data protection objectives without making any compromises.



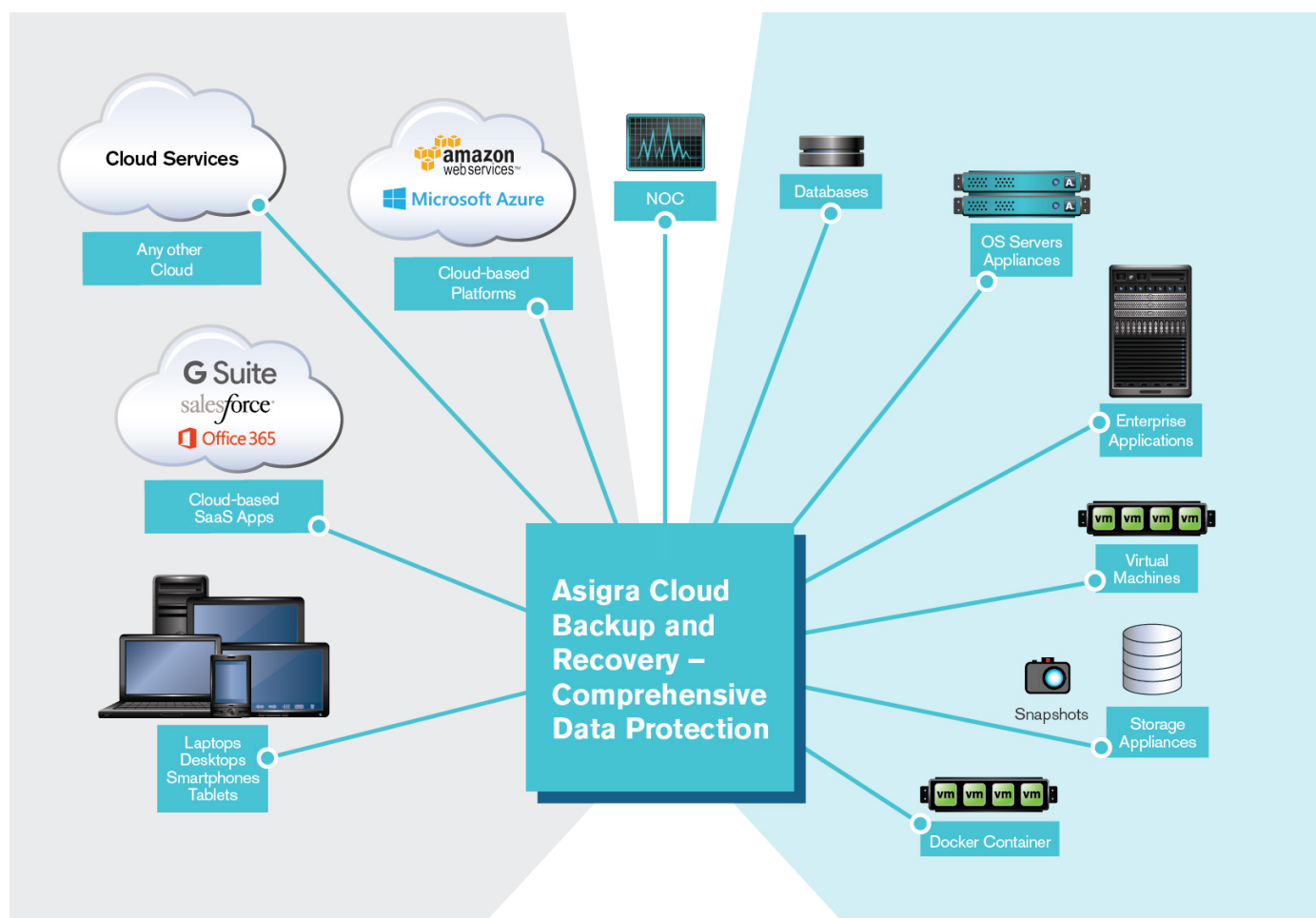
Maximum Security

With our solution, your data is protected at all times with the highest levels of security and compliance:

- AES 256-bit in-flight and at-rest data encryption
- Government-approved NIST FIPS 140-2 security certification
- Customer-controlled encryption key and authentication

Our solution is based on agentless architecture which means it is secure because it does not rely on vulnerable agents that need to be installed on each machine. This eliminates open ports on your firewall for all backup sources, dramatically enhancing security by removing points of attack inherent with agent-based architectures.

We also include geo-location and remote data wipe for mobile devices in our solution. These features enable you to quickly identify the location of a lost or stolen mobile device that contains your corporate data. If you decide the data is at risk of falling into the wrong hands, our solution gives you the power to remotely delete it with the click of a button, while leaving any of your employees' personal files untouched, making it an ideal data protection solution for BYOD environments.



Fact:

Enterprises using our solution powered by Asigra have achieved 100% recovery of all data, regardless of where it resides.

Maximum Manageability

Our solution powered by Asigra delivers continuous control with low-touch manageability, centralized operations and capacity management that give you a comprehensive, unified, organization-wide view of your systems, users and devices:

- **Single consolidated repository** simplifies backup and recovery of data that's currently backed up in silos scattered across the enterprise
- **Single-pane-of-glass view** allows you to manage from an intuitive web-based dashboard with visibility across the enterprise for even the most complex disaster recovery and business continuity strategies, including multiple branch locations and local/remote backup and recovery management of data centers
- **Support for private, hybrid and public cloud** so you choose the cloud architecture or deployment model that best suits your business needs, and easily migrate as your needs evolve
- **Agentless architecture** simplifies installation and ongoing operations in your environment by eliminating the downtime and disruption of deploying and maintaining agents
- **World-class service from our worldwide partner network** minimizes the time and resources you spend on backup and recovery

Maximum Reliability

Having confidence in your ability to recover data when it matters most comes from trusting in the backup and restoration processes. Our solution has two important processes to ensure reliability in your recoverability:

- **Autonomic Healing** verifies the logical and physical integrity of the data written to the storage systems
- **Restore Validation** ensures data is restoreable by simulating real recoveries (without actually writing the restored data)

Granular Recovery When You Need it the Most

Organizations often want to backup an entire data source to ensure all data is protected, even though they will usually only need to recover individual items or files from the backup. Email servers are a typical example. We support this use case for many data sources, including VMs, Microsoft Exchange and SharePoint servers, and SaaS based data, by allowing you to recover individual data elements from the backup.

For example, our solution includes a convenience feature that allows you to quickly backup hundreds of mailboxes belonging to a single Office 365 domain to one backup set. If you ever need to recover a single data element from the backup – such as an email attachment or calendar entry – you don't need to recover all data in the domain. Instead, our solution will let you pick and choose the items you want to recover, and the location where you want to recover them too – such as back to the Office 365 cloud or a local file on your laptop.

Key Features

Security

- Agentless Architecture
- NIST FIPS 140-2 Certification
- Encryption Key Management
- AES 256-bit Encryption
- Regulatory Compliance (SOX, HIPAA, Basel II)
- Compliant Data Destruction
- Geo-location and Remote Wipe

Manageability

- Block-Level Incremental Forever
- Deduplication
- Compression
- Local Storage
- Retention Rules
- LAN Storage & Resource Discovery
- Extensible Storage
- Backup Lifecycle Management (BLM)
- Microsoft System Center Configuration Manager (SCCM) Integration

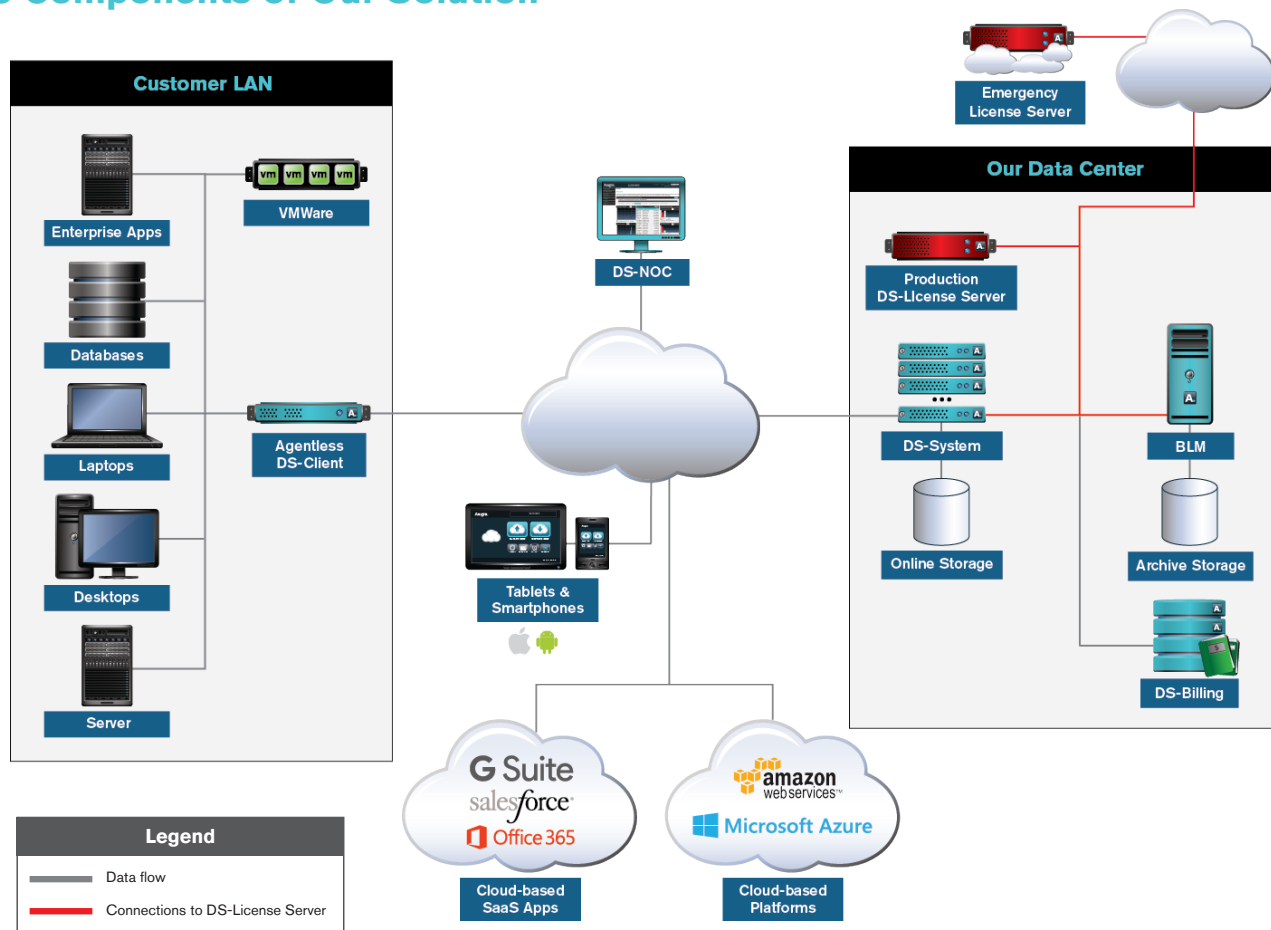
Reliability

- Restore Validation
- Autonomic Healing
- Reporting

Near-Instant Recovery

- Incremental Backup
- Continuous Data Protection (CDP)
- P2V Conversion
- Snapshot Support
- System Replication

The Components of Our Solution



Did You Know?

Organizations use our solution to restore in a few minutes rather than several hours.

Recover Quickly and Resume Business as Usual

Depending on your organization's Recovery Time Objective (RTO) requirements, you may want near-instant recovery for some mission-critical applications and data. Our solution provides peace of mind by safeguarding the availability of your environment with four optional features:

- **Continuous Data Protection (CDP)** can be selected for specific backup sets to ensure you can be up and running quickly with minimal data loss

- **Incremental Backup** enables you to backup VMs by retrieving only the changed blocks from the server and incrementals from the source.
- **Snapshot capability** gives you the ability to achieve aggressive Recovery Point Objectives (RPOs) and Recovery Time Objectives (RTOs) for even large amounts of data.
- **Physical to Virtual (P2V) Conversion** from physical to virtual machine.

Operating Systems and Applications Supported

Our solution powered by Asigra supports a wide range of operating systems, physical and virtual machines, servers, databases, applications, and storage environments to ensure you can recover heterogeneous environments in local, primary and disaster recovery data centers using a single consolidated tool.

All leading enterprise applications and operating systems are supported:

- Android
- Apple iOS
- AWS Cloud
- CentOS
- Docker
- G Suite
- Hyper-V
- IBM DB2
- IBM Domino
- IBM Notes
- IBM System i
- Linux
- Mac OSX
- MS Azure
- MS Exchange
- MS Office 365
- MS Outlook
- MS SharePoint
- MS SQL Server
- NetApp NAS
- Novell GroupWise
- Novell Netware
- Oracle
- Oracle MySQL
- PostgreSQL
- Red Hat
- Salesforce.com
- SUSE
- SAPASE
(Formerly Sybase)
- VMware
- Windows
- XenServer

