Asigra v9 Data Center and Remote Site Protection

Asigra v9 is the next generation software aligned with Cloud Computing and designed to offer backup efficiencies unavailable with traditional backup architecture by allowing you to capture less, ingest less, and store less data thus reducing the amount of backup assets you buy, manage and maintain.

- Recover your Data and Systems.
- Recover your IT resources spent on mundane backup jobs.
- Recover your strategic focus by transforming your backup architecture.

MAIN LOCATION

BRANCH OFFICES

REMOTE USERS

DISASTER RECOVERY SITE

IP WAN

ASIGRA.

Efficient
Capture **less**
Ingest **less**
Store **less**

Cost-Effective
Buy **less**
Manage **less**
Maintain **less**

Transformational
Pain **less**
Mundane **less**
Lock-in **less**

ASIGRA.

Research from many studies show that almost 70% of the IT budget is spent on maintenance and efforts to "keep the lights on". Most IT leaders say their biggest problem is not having the time and resources to pursue projects of a higher strategic value, the ones that the CEO really cares about. Does this describe your shop?

Asigra v9 is more EFFICIENT than traditional Backup and Recovery Software.

CAPTURE LESS: Companies store excessive information and usually back up more data than they need to, and much of it is non-essential. In fact, non-essential and persistent data is one of IT's top contributors to inefficiency as it consumes excessive processing resources as well as networking and storage resources. Asigra v9 LAN Storage Discovery allows you to analyze the entire concentration of the data on your network and generate reports that identify storage inefficiencies like stale or redundant data. Asigra v9 also comes integrated with all industry leading data reduction technologies like incremental forever, common file elimination, compression and single-instance storage. The result is backup and retention policies are more efficient.

INGEST LESS: Legacy backup software often lacks de-duplication at the front-end or at the target-side. Further, the de-duplication technology may not be fully integrated with the backup architecture. Asigra v9 architecture is developed around backing up data to a remote location and comes integrated with Global De-duplication - at the source (Data Collector) and at the target (Data Repository) side. Asigra v9 provides WAN Bandwidth Optimization and Storage Capacity Optimization for unprecedented backup and storage efficiencies.

STORE LESS: Traditional backup design is inefficient as you keep backing up data that is no longer required for business purposes. Asigra v9 allows you to set up data retention policies at each step of the backup data workflow and lifecycle so that RTO and RPO objectives are met but over time, Smart Delete technology allows you to reclaim and reuse storage resources. With Asigra v9 Backup Lifecycle Management, your young & old backup data are managed differently on different cost structures (lower license, maintenance and denser hardware) to align the value of business information with the cost of protecting it.

Asigra v9 is more COST-EFFECTIVE than traditional Backup and Recovery Software.

BUY LESS: Organizations have to buy traditional backup media server and agent licenses for every protected system and pay for other point solutions like replication or tape transportation for compliance, business continuity and disaster recovery. Asigra v9 is available as a compressed, de-duped capacity-based perpetual (CAPEX) or a term ("Rental"/OPEX) Multi-Site License irrespective of the number of protected systems, locations and remote users. Asigra v9 offers a non-chargeable DS-Client (Data Collector) license installed on each site and reaches out over the LAN to back up all leading operating systems, applications, and databases– and transfers the distributed business data over a private or public WAN to the DS-System (centralized Data Repository).

MANAGE LESS: Matching backup agent revisions with operating system levels, researching compatibility issues, and other labor-intensive tasks are non-existent when using Asigra v9. Asigra v9 even self-upgrades so there is no time-consuming and administrative-resource-draining pushing of agents or updates. Mass Deployment capability enables you to deploy the Asigra v9 in silent mode and configure the software automatically to ensure minimum time consumption for sites/remote users with similar information.

MAINTAIN LESS: IT managers are increasingly being asked to back up and recover more data with stagnant, or shrinking, budgets and staffing. Asigra v9 requires little or no maintenance – it quietly runs in the background and ensures that data is backed up safely and is restorable. Autonomic Healing technology addresses the problems of file corruption and increases the integrity of backed up data. It continually monitors for data corruption and if corrupt data is found, it corrects it, removes it, or reports that a correction is needed.

Asigra v9 is more TRANSFORMATIONAL than traditional Backup and Recovery Software.

PAIN LESS Dealing with backup software agents is a cumbersome and mundane task that can be extremely time consuming. Many problems that occur while managing backup software are due to agent bugs and their incompatibility with host servers. Finally, traditional backup and recovery software puts agents onto servers and processing power is being stolen away from a server's core application to feed the needs of agents. Asigra v9 is built around an agentless architecture so that you experience no operating system and application disruption or downtime for implementation or upgrades; no security risk because of an open agent port that can be hacked; no server cycles being wasted for agent software.

MUNDANE LESS: In the centralized mainframe days, backup was done in the same room, because you could. In distributed computing, backup had to be done differently and as enterprise environments went from distributed to remotely distributed, backup and recovery design using traditional architecture has become broken. As organizations become flatter and wider, traditional backup environments are being stretched beyond their abilities to deliver adequate protection services and the Cloud Computing era demands a new approach to data protection. Asigra v9 architecture is built around transferring data to a remote location and organizations can leverage a Public Cloud infrastructure or use the company's Private Cloud to optimize the backup and recovery of data centers, central offices, distributed branch and remote locations, virtual machines and mobile users.

LOCK-IN LESS: You do not have to choose whether to exclusively manage the corporate backups by maintaining your own infrastructure or completely outsource them by leveraging SaaS. You can adopt a Hybrid Cloud Data Protection Strategy as Asigra v9 allows alternating and seamlessly migrating between the two strategies without reinstalling the Data Collector Client software at each protected site. Also, you can easily migrate your backup data from your internal data center to an MSP's facility

or vice-versa using the Asigra v9 migration tool. As your backup strategy evolves, whether you elect to retain the custody of your data or outsource custody to a trusted MSP, Asigra v9 ensures that you always maintain control over your backup data. Like money in the bank.

Key IT pain-points resolved by Asigra v9.

Traditional approaches to backup have not kept up with the exponential growth and value of data - and the complexity of the IT environment. As a result backups windows shrink as data grows and IT leaders divert valuable brainpower and resources to what should be a routine task in today's Cloud Computing era.

Asigra v9 allows you to optimize, economize, and modernize your backup strategy but addressing many existing IT pain-points including:

Shrinking backup windows and stringent RTOs/RPOs.
Most IT operational issues can be paired down to one common cause: data growth.

Data growth causes the need for more infrastructure which leads to greater likelihood of infrastructure failures, need for additional IT staff, larger footprint/power/cooling requirements, and increased likelihood of missing SLAs, being outside governance parameters, etc. From a backup and recovery perspective, more data requires more time, more horsepower, more media and more offsite vaulting expense. This is further exacerbated by multiple copies of primary data used for various reasons.

For Disaster Recovery, more data requires more time, more bandwidth, and more IT infrastructure in order to ensure recoverability SLAs continue to be met. Then there is the issue of Application slowdowns – more data to comb through requires more IT infrastructure to maintain application performance. Simply finding the right information becomes harder as the volume of information increases. Having more than a single place to look for data creates more opportunities for data to fall through the cracks—and makes it far more difficult for organizations to derive incremental benefit from an information asset after the primary use. Then there is the increased risk for security issues, lost information, unprotected data, etc.

Asigra v9 comes integrated with Data Discovery, Reduction, and Archival technologies that align the value of data with its storage costs.

Operational costs.
Research from many studies show that almost 70% of the IT budget is spent on maintenance and efforts to "keep the lights on". Most IT leaders say their biggest problem is not having the time and resources to pursue projects of a higher strategic value, the ones that the CEO really cares about. "Lights on" or "Run the business" implies maintenance and operations (necessary evil). "Enhancement" or "Grow the business" is the expense on keeping things current (remain competitive)."Frontier" or "Transform the business" is the expense to get ahead, modernize (achieve competitive superiority).

In general, organizations are constantly looking to reduce the cost of running the business, releasing more of the IT budget to invest in grow- and transform-the-business activities, which are the areas where the business sees IT provide the greatest value to the business. Every dollar of frontier investment begets ongoing costs. So, a firm that wishes to drive to aggressive levels of strategic IT investment will need to support that growth with ongoing increases in "lights on" dollars. Therefore, it makes sense for an organization to look at strategic technology that not only alleviates their current IT pain-points by bringing about a major transformation but also results in minimal "lights on" dollars.

Asigra v9 allows you to leverage the strategic benefits of Cloud Computing and lowers the "lights on" costs.

Centralized protection of distributed data.
Lets focus on the three era's of commercial computing –Centralized, Distributed and Internet/Cloud era and how they became additive – not replacements for each other. In the centralized mainframe days, backup was done in the same room, because you could. In distributed computing, backup had to be done differently and Openvision/VERITAS was born and they have been able to sustain top spot in the market for 25 years. Once, enterprise environments went from distributed to remotely distributed, backup and recovery design using traditional architecture has become broken. A new industry paradigm shift is finally catching up, with virtualization and public/private cloud computing. Traditional methodologies to backup and recover data are unable to deliver a unified platform that addresses customer needs in a holistic framework aligned with this paradigm shift. The key advantage of a cloud computing approach to backup and recovery is the ability to use wires full of data—instead of trucks full of tape—to send backups to a remote site for compliance and disaster recovery.
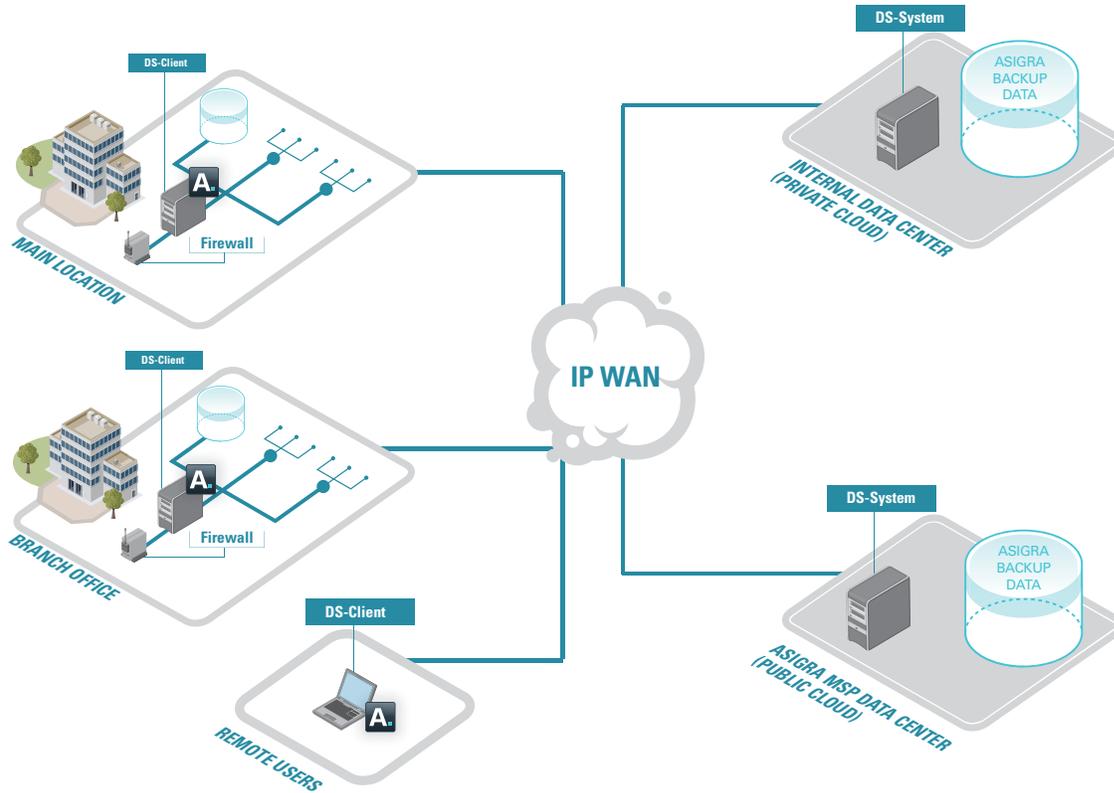
One of the biggest issues with backing up distributed sites and remote users is managing WAN bandwidth costs. Networking alone typically accounts for 30 percent or more of the total IT expenditures of an enterprise. For some companies, the recurring cost of WAN bandwidth is a show stopper – they choose not to implement a remote backup and recovery solution because of it.

Asigra v9 architecture is WAN-Optimized and built around copying up data from remote locations to a centralized data repository by leveraging a Public and/or Private Cloud..

To get more details on Asigra v9, click on www.RecoverYourCool.com/v9query to enter in your question and a product representative will get back to you.

Asigra.

Hybrid Cloud Backup Strategy.

Be in control with Data Mobility.

About Asigra.

Leading organizations reduce costs by applying cloud computing to backup and recovery with efficient, cost-effective and transformational solutions from Asigra. Customers consistently redirect savings derived from our approach to projects of higher strategic and personal value, many of which have been on-hold for a year or more. The positive business outcomes made possible from a low-touch agentless architecture are revealed through Asigra's Day One ROI™ - an exercise that delivers enormous value with little up-front investment.

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