AT&T Synaptic Storage as a Service[SM]

Secure, Scalable, Pay-per-Use Data Storage

Does anyone ever have enough closet space? Even walk-ins fill up. You can box the overflow and shift it to your basement or attic, but what a pain when you actually need to retrieve something. For business data, storage is an even bigger, more complicated issue. You can't stuff data in a closet. You must protect it and enable people to have quick access when they need it – and you have to keep adding capacity to accommodate your ever-growing volume of information.

That's why we developed AT&T Synaptic Storage: an easy answer to your data retention problems. Our "storage as a service" solution is enterprise-grade offering elasticity and reliability. And it's cost-effective, because you pay only for what you use.

Avoid Capital Outlays, Procurement Delays

A key advantage of AT&T Synaptic Storage is reducing or eliminating storage-related capital investments. Instead, when you store data, your investments become a monthly operating expense – as manageable as renting a storage unit for which the charge depends on how much stuff it holds.

But unlike a physical storage unit, AT&T Synaptic Storage keeps stretching as you pack data inside. No more procurement headaches, setup costs, and time delays to obtain additional storage. Expand your capacity on the spot, and later, shrink your storage consumption if you need to, and pay only for what you use.

Great for Companies of All Sizes

AT&T Synaptic Storage as a Service is especially suited for data you don't use every day but need to retain for months or years and access when you need it. It functions as an expandable pool of stored data, which you manage yourself based on your business needs.

You can add on AT&T Synaptic Storage as a Service no matter where your primary IT infrastructure, applications or data may be located: hosted in your own data center, with AT&T, or with a third party.

AT&T Synaptic Storage as a Service is ideal for companies of all sizes that:

- Face exploding data growth or have fluctuating data storage requirements

- Wish to find low-cost alternatives to expensive primary storage disks they want to access quickly, easily and reliably, but do not use constantly

- Retain data that needs to be easily accessible and always available but is not constantly used in real-time, such as web content or media or medical imaging files

- Lack capital to pay for storage capacity in advance but can manage the monthly operational expenses of storage as a service

- Have a library of content and media files that employees in many locations must access to download items

Benefits

- Avoid upfront capital expenditures
- Sidestep planning challenges by tapping elastic storage capacity
- Save time and hassles with a one-time procurement and setup process
- Meet peak demand without overprovisioning and shrink storage as needed without paying penalties
- Bolt on to your other storage systems for cost-effective data retention

Features

- Usage-based pricing
- Scalable on demand as your storage requirements fluctuate
- Unlimited access to on-demand, pay-per-use storage
- Accessible online from anywhere via an application program interface (API)
- Supports managed networks and a multi-layer security approach
- Four pre-defined storage policies to choose from
- Client search of objects feature
- Easily ingest data to AT&T Synaptic Storage as a Service depot
- Client provided SSL certificates for encryption and authentication into the Synaptic Platform for Security

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- Want employees in many locations to be able to upload files

- Seek to warehouse data in a consolidated way instead of maintaining several discrete storage units; or create a temporary storage container to hold data during migrations, transitions, or development and testing phases

- Must keep data safely and reliably for audits, reporting, regulatory compliance, discovery, backup and restore, or disaster recovery

What's Included in the Service

AT&T Synaptic Storage as a Service gives you four different storage management policies.

- Web-based access to the storage (over an application program interface, or API) so data can be retrieved from virtually anywhere using an enabled device connected to the Internet or on your AT&T VPN

- The option of creating your own private "storage as a service," which is connected directly to AT&T's network

- Reliability backed by a service level agreement of 99.99% availability for the API

- Data protection that taps our experience with global network security and embeds defense against distributed denial of service attacks (DDOS)

Why AT&T?

A trusted name for 125 years, AT&T has over a decade of experience building and running enterprise-class IT environments –

Setting Up Synaptic Storage as a Service Is Easy

Order It
Sign up for the service with your AT&T Account Representative or go to the AT&T portal.

Write to the Application Programming Interface (API)
Connect your existing application with a virtual AT&T Synaptic Storage as a Service container.

Set Policies
Choices are:
- **Policy #1 – Local Protection**: Data stored in one location and protected using *erasure coding.

- **Policy #2 – Remote Replication**: Data stored in two locations, with a copy maintained in one data center and replicated to a geographically remote data center.

- **Policy #3 – Compression**: Data is compressed to reduce file size. Data stored in one location and protected using *erasure coding.

- **Policy #4 – Written Once, Read Many (WORM):** Data is compressed to reduce file size and may not be altered after storage. Data stored in one location and protected using *erasure coding.

*Erasure coding is a software-based data protection scheme that allows for data recovery in the event of hardware failures.

Assign Project Codes (Optional)
Set a project code for each policy so you can charge storage costs back to internal business units or customers.

Use It
Start using AT&T Synaptic Storage as a Service. As you add or remove data, your capacity adjusts automatically. Check your storage consumption at any time via the portal.

and has earned accolades from top industry analysts for its hosting and managed services.

We invest in world-class people, processes, tools, and training and follow high security standards to help protect customers from

the risks and challenges that confront businesses today.

With AT&T Synaptic Storage, you can count on the same secure, reliable, high-performance services customers have come to expect from AT&T.

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