Cloud Archive Service

eurotech
computer services ltd

44x as much data over coming decade

2010
800k petabytes

2020
35 zettabytes

80% of world's data is unstructured

Eurotech Cloud Archive helps solve the unstructured data explosion challenge

The Eurotech Cloud Archive service offers clients a solution to the big data explosion problem, that is overwhelming datacentres with a growing flood of unstructured data. This unstructured data is being produced by users and applications alike and consists of file, image, audio and video content, but increasingly is extending to include machine generated data like logs, application meta-data, CCTV footage and so on. The proliferation of end-user media devices in the past decade has driven this explosion but increasingly the Internet of Things (IoT) is a major contributor. This leaves organisations in a conundrum—their storage systems are full and have reached the limits of their scalability, yet the unstructured data at the root of the problem is too valuable to delete. Eurotech has introduced its Cloud Archive service to solve just this problem.

How Cloud Archive works

The Cloud Archive service is hosted from a Eurotech Tier 3/4 datacenter facility. A corporate VPN connection or leased line between the client's offices and the Eurotech datacentre provides the connectivity (from 100Mbps to 10Gbps) to the archive. Public Object (Amazon S3) or Private cloud storage is attached behind the Cloud Archive service. Compute resources at the client premises can connect to and consume the Cloud Archive storage directly over standard CIFS or NFS protocols. The Cloud Archive presents itself as a standard mapped network drive and data can be dragged and dropped into it and retrieved accordingly. Included in the service is a Network Migrator tool that can be used to migrate large volumes of data into the Cloud Archive through the use of policy-based automation.

CLIENT OFFICE

amazon web services

PUBLIC CLOUD STORAGE

Internet or WAN

PRIVATE ARCHIVE STORAGE
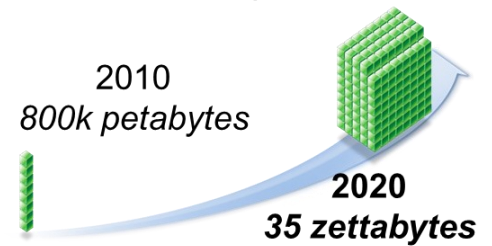
EUROTECH UK DC

Scope of the Service

Cloud Archive offers flexible deployment options and can be tailored to suite business requirements. The base service is designed to archive "stale" data in a highly resilient cloud environment (either manually or automatically using the Network Migrator) and to serve this data to the client's office via a standard internet link (requires VPN) or a leased line service. There is no limit to the amount of data that can be stored (service offering options dependent) and consumption is charged on a per-TB basis (monthly standing charge applies). Data locality can either be fixed in a geo-located private cloud or in the public cloud in one of the 3 main global regions (Americas, EMEA, APAC), which enables easy compliance with data export legislation. Optionally, Eurotech Professional Services can be contracted to integrate the Cloud Archive service into an existing environment to deliver an end-to-end storage solution. Day-to-day operational support of the service is provided during normal Eurotech business hours, Client local time, Monday through Friday (excluding public holidays).

Optional Managed Service

Eurotech offers an optional managed service wrapper around the Cloud Archive service. This allows the Client to outsource the monitoring, management and ongoing support of the Cloud NAS service to Eurotech. The scope of the managed service is covered in the terms and conditions of the associated Managed Services Agreement (MSA).

For more information and specific pricing, please contact a Eurotech sales representative at sales@eurotech-computers.com