

Backup as a Service (BUaaS)

Making sure that your data is backed up has always been vital to any enterprise. In the past, backups would typically have been run overnight and stored on tape or disk. These tapes or disks would have been physically transported off site, every day, in a secure location.

However, increasingly enterprises are switching to using a **Cloud-based Backup Service** which stores data in Cloud Storage. This will offer your business improved recovery times and the support of our dedicated recovery team.

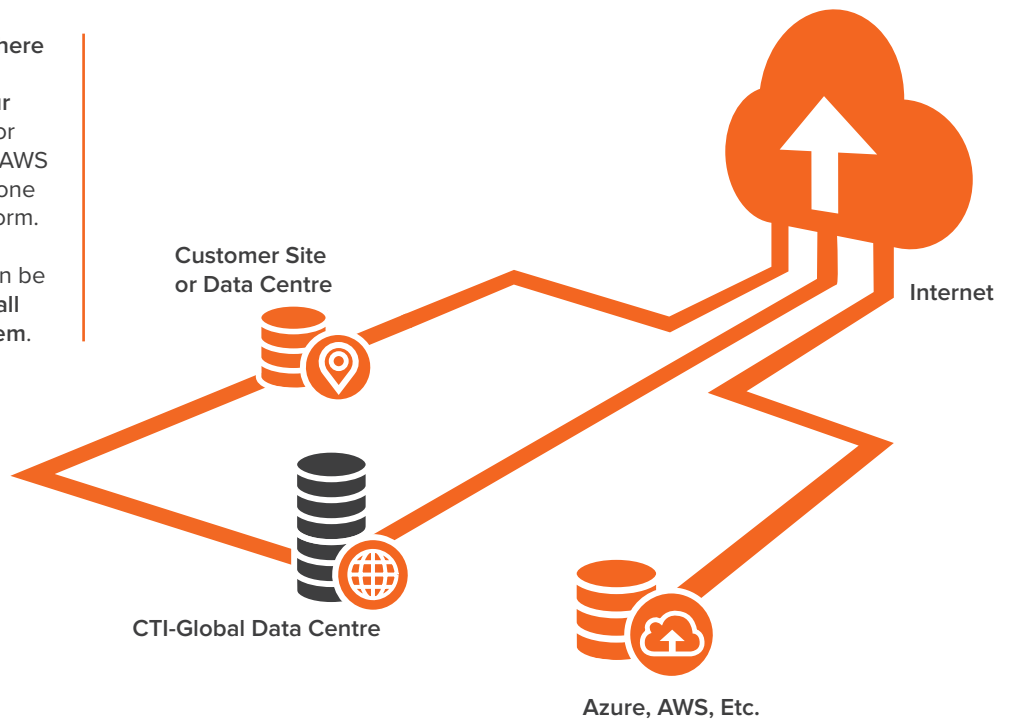
The **Backup as a Service (BUaaS)** solution offered by CTI-Global, provides a **Secure Cloud Based Platform** solution which incorporates best of breed technologies that are most appropriate to each customer's requirements. Some of the features of this Service are as follows:

CTI BUaaS Service Highlights

- **Cloud Based Backup from anywhere**

Whether your data is held on **your own premises**, in a **Data Centre** or in **Cloud based storage**, such as AWS or Azure, it can be backed up to one of CTI-Global's Data Centre Platform.

This ensures that all your data can be treated in the same manner and **all handled by one centralised system.**



- **Data Retention**

Depending on your business and regulatory requirements, and compliance regulation, you may need to **retain some of your data** for a few hours or days, whereas other data needs to be kept for up to 7 years. CTI-Global can design your Backup Service to handle all these types of data retention thresholds with **one integrated solution** using Backup Lifecycle Management.

- **Recovery Point Objectives**

Recovery Point Objectives for different data types can vary widely. The CTI Backup Service System uses Continuous Data Protection (CDP) for your business critical systems. CDP enables data copies almost in real-time, capturing multiple versions of the data as it is changed.

It allows you to **restore data** from any of these versions throughout the retention period. It might be necessary to restore a whole system from the most recent backup or to restore file or directories from a few days ago, if they are deleted, corrupted or infected with Ransomware.

- **Integration with Disaster Recovery**

The Backup Service System used by CTI, can be fully integrated with the CTI DRaaS. This provides a comprehensive **Backup and Restore System** which can be used to restore anything from a single file to whole systems from any Point in Time which is required.

CTI BUaaS Service Highlights (continued)

- **Efficient Bandwidth Utilisation**

The CTI Backup Service offers efficiencies to the data being captured, ingested, stored and transmitted over the network using the following methods:

- De-duplication techniques
- Backup and transmission of only new/changed data
- **Advanced Compression techniques**

This means that the bandwidth used for backups over the WAN or Internet, is **optimised for the most efficient use.**

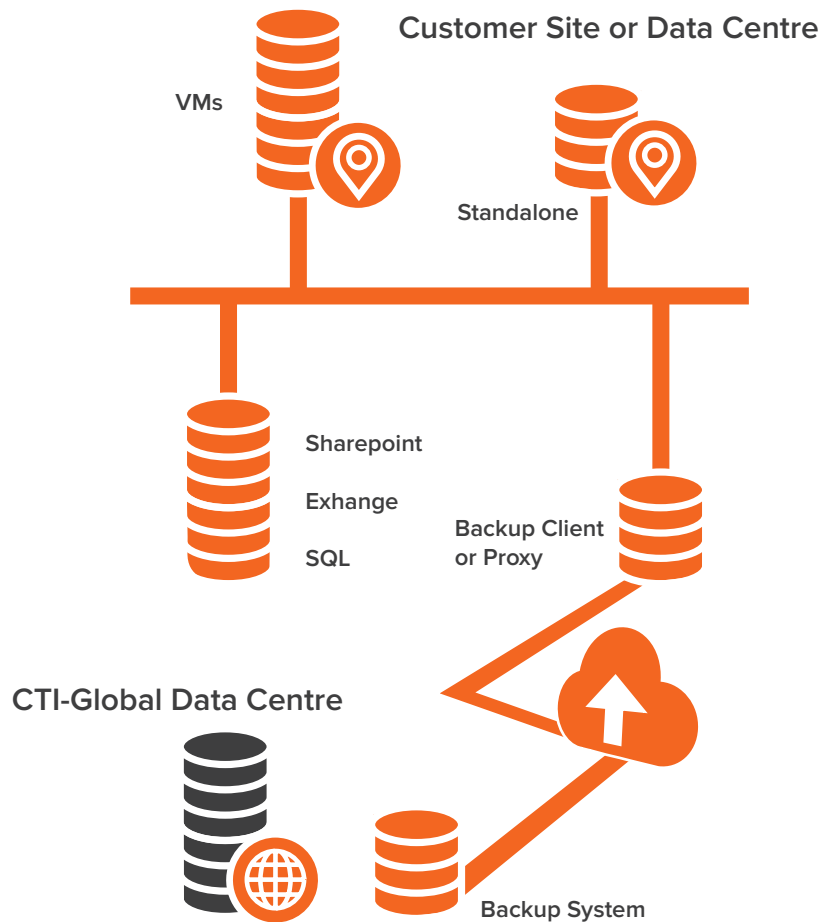
How it works

- **Agentless Cloud Backup**

The CTI Backup Service system does not require any agents to be installed for each machine or application that needs to be protected, instead it **reaches out over the network** to back up operating systems, file systems, and applications.

This makes the system **easier to support, less resource intensive, and compatible with a wide range of applications.**





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