

## VBAK for Multi Sites >10-300GB

Suitable for end-user data volumes between 10-100 gigabytes

This VBAK solution is a flexible new managed service for customers with smaller data quantities which may not require a full Virtual Service Gateway (VSG) solution onsite. Therefore efficiencies can be aggregated across the business, providing effective data protection and restore.

With VBAK for multi sites the VSG system can be positioned at Tiver's premises or at a dedicated customer centre. Remote clients are then positioned at the end user site to download and compress data before storing it remotely through a network connection managed by Tiver.

Alternatively, if you have a number of distributed sites, then the VSG can be positioned at one of your

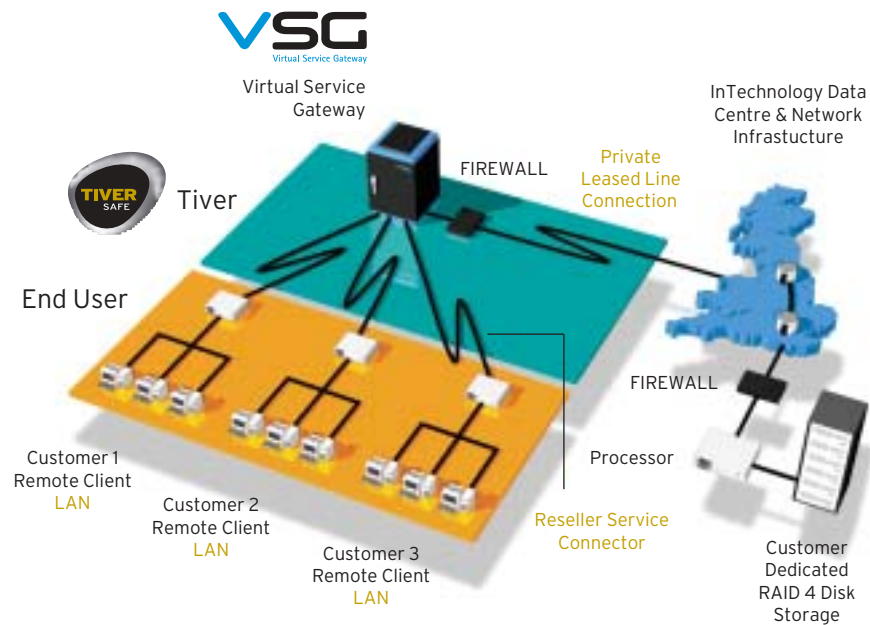
nominated sites and your organisation can operate the remote client network to back up data.

### Features include:

- + End user/customer to backup a maximum of 100 gigabytes of data
- + 24x7 choice of back-up time frames, and level 1 retrieval of files
- + Each remote client has a unique encryption key

### VBAK for multi-sites - Keynotes

1. VBAK application software installed
2. VSG installed at nominated site and automated schedule established
3. Data encrypted and compressed by VSG prior to offsite transfer
4. Data is transferred offsite to a remote Data Centre via a secure private network
5. Data held on disk for rapid online recovery
6. Data backed up to tape providing second offsite copy
7. Remote clients installed at end user site



## VBAK

One of Europe's leading Online Data Storage systems. Hosted data can be backed up and restored automatically to VBAK's secure, high availability data centres, eliminating limitations of traditional tape based storage.



### Data Storage Solutions

Tiver Limited, Abbot House, 14-22 Vale Royal, London N7 9AU  
T 020 7607 0101 F 020 7607 6367 E info@tiver.co.uk W www.tiver.co.uk



### Data Storage Solutions

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# VBAK

Have you ever suffered a major data loss?  
Do you store your data offsite?  
How quickly can you restore your data?

VBAK is an automated and unattended backup process ensuring that data held on PCs, NT/ NetWare® file servers, and application /database servers is securely backed up and transferred offsite via a single point of connection to your LAN/WAN. Data is immediately transferred offsite to a secure data facility where it is held on disk and available for instant restore online.

## Virtual Service Gateway (VSG) How it works -

The key to VBAK lies in our VSG that is delivered to your premises and links directly onto your network. This allows backed up data to be compressed and only changed data to be transferred (delta blocking).

Your network administrator can schedule a backup. Data is then compressed and encrypted by the VSG and backed-up to an off-site data centre in the north or south of the UK. Thereafter a private leased line is used to connect to a point of presence; feeding into a 2.4gb secure private network.

## Environment

VBAK runs on a high bandwidth, UK wide, TCP/IP fibre network. VBAK has points-of-presence in all major UK cities, running over a private network with wide area ethernet services.

The solution is particularly effective for organisations with multiple or remote site locations where backup is an issue:

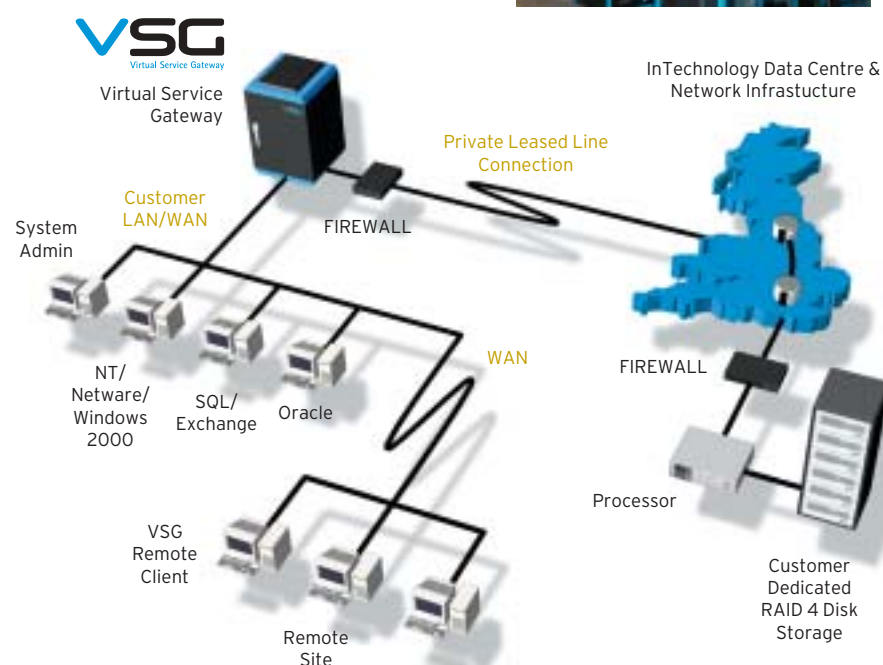
- + Centralised and automated backup scheduling
- + Agent Free allowing ease of management
- + Encrypted & Delta Blocked data sent securely and immediately offsite
- + Data held on dedicated disk for rapid restoration, with an optional second copy
- + Saves time, money and benefits the back up process with dramatic improvement in data restore performance
- + Multiple generations of data can be stored to meet fiscal and legislative requirements



## VBAK - Keynotes

1. VBAK application software installed
2. Virtual Service Gateway (VSG) installed on your network and automated schedule established
3. Data encrypted and compressed by VSG prior to offsite transfer
4. Data is transferred offsite to a remote Data Centre via a secure private network
5. Data held on disk for rapid online recovery
6. An additional copy of the data is held on tape

N.B LTS provision subject to data quantities



Additional VBAK Services:

## Long Term Storage (LTS)

Provides additional functionality to the VBAK service by allowing you to take a point-in-time copy of a backup set, sending this copy to an offsite tape backup solution:

- + Emulates tape backup scheduling
- + Search and restore individual files through LTS web interface
- + Allows archived data on a near store facility, freeing up critical data online for immediate retrieval
- + Allows less critical data to be stored on a lower cost medium

Left: Standard VBAK setup

Top: Northern Data Centre

Right: 24/7 operational monitoring and support of private IP network

## VBAK Enterprise Wide >1TB

This is VBAK at enterprise wide level, a major leap forward in managed offsite data storage for IT systems storing terabytes, it can offer:

- + Flexibility with LAN & WAN back-up
- + Policy based archiving (LTS)
- + Backup & Archive data replication
- + Optional software data encryption and delta blocking

## Benefits at a glance:

- + Your overall corporate business continuity is enhanced as data is secure and off-site
- + Data is available 24x7 for immediate restoration through a fully managed service
- + Improved business efficiency, yet with no capital investment. VBAK is a scalable pay-as-you-grow system, allowing you to manage your IT budget more efficiently, while employing staff more effectively

