

# Carbonite QuickCache

## Rapid backups and restores for your remote offices using QuickCaches

When it comes to backup and recovery, businesses want the LAN speeds of on-premise backup as well as the offsite protections of cloud-based backup. All too often, IT is forced to make a tradeoff between network performance and offsite protection. With QuickCache, IT can protect their bandwidth while still having fast backup.

Managing how this data travels across the corporate network has become a critical task for IT professionals. Clearly, IT needs solutions that ease the already massive traffic flows on their networks and have mechanisms built in to allow them to direct traffic across the WAN.

### QuickCaches – No compromises

QuickCaches are smart centrally managed data caches which are easily installed on endpoints, in the cloud and in physical locations that allow geographically distributed enterprises to manage bandwidth consumption and decrease time-to-protection while backing up data.

Used in conjunction with Carbonite Endpoint Backup, QuickCaches on NAS devices in remote locations perform backup and global de-duplication within minutes of installation.

Bandwidth can be managed by shifting uploads to the central Carbonite Endpoint Backup Vault to off-peak times when network traffic is lower.

### Easy deployment

With QuickCaches, your network of caching devices can rapidly be installed and deployed to remote offices:

- **Configure policies:** The Administrator sets up the central Carbonite Endpoint Backup Vault and configures all relevant policies relating to backup frequency/times etc.
- **Install software:** The QuickCaches are installed onto specified commodity hardware and sent out to the remote locations or deployed remotely over the Internet.
- **Activate caching network:** Once in place the Carbonite Endpoint Backup Vault, endpoint agents and the remote QuickCaches form an intelligent network.

### Overview

- Accelerate time-to-protection
- Accelerate time-to-recovery
- Manage bandwidth

### Key Capabilities

- Accelerated time to protection - reduce backup times by 10x via high speed LANs
- Accelerated recovery speed - lost data is quickly restored from a local QuickCache over the LAN
- Bandwidth management - manage when backups travel across the corporate network between QuickCaches and the Carbonite Endpoint Backup Vault for optimal network access for your employees
- Multi-site flexibility & security - encrypted and centrally managed QuickCaches can be placed at any/all company locations
- Ease of deployment - send QuickCaches pre-installed on NAS devices to remote locations or easily install remotely

# Carbonite QuickCache

## Accelerate time-to-protection

Backup end user data in remote locations in a matter of hours:

- **Activate software:** In remote locations, silently deploy or have end users activate Carbonite Endpoint Backup software on their laptops.
- **Protect and deduplicate data:** Carbonite Endpoint Backup encrypts the content before performing global deduplication to ensure only unique encrypted content is uploaded.
- **Backup to QuickCache:** Carbonite Endpoint Backup immediately starts uploading the user's encrypted content to the nearest QuickCache using the local network policies and schedules set by the Administrator.
- **Upload to Carbonite Endpoint Backup Vault:** Unique blocks of content are sent by the QuickCache to the central Carbonite Endpoint Backup Vault with traffic typically being set at off-peak hours.

## Accelerate recovery time

End users can recover data within minutes of receiving a new laptop:

- **Initiate recovery:** End user initiates recovery and data is delivered across the global network - the end user is unaware of whether their data is in the Carbonite Endpoint Backup Vault or on a local QuickCache
- **Rapid restoration:** Time-to-recovery is accelerated because the data travels from the local QuickCache on the LAN rather than the WAN.

## Manage bandwidth

Carbonite allows network managers to improve network performance by controlling when backups occur per location:

- **Schedule uploads:** Scheduling backups from a QuickCache enables a branch office to collect frequent end user backups during the day but only send the updates to the Carbonite Endpoint Backup Vault at scheduled "off peak" intervals.
- **Lower traffic:** Scheduling backups lowers traffic during peak employee usage times and moves backups to a time that does not impact productivity.
- **Reduce bandwidth:** Recovery requires less bandwidth because the end user retrieves their files from the local QuickCache rather than having to recover from the Carbonite Endpoint Backup Vault. This reduces traffic across the WAN.

## Specifications

- Windows Server 2008 R2, Windows Server 2012, or Windows Server 2016
- 1 GB RAM
- 1 TB available storage

## Contact us

2 Ave de Lafayette  
Boston, MA 02111  
800-683-4667  
DataProtectionSales@  
carbonite.com  
<http://www.datacastlered.com>