

ContentCache Central™

Unleash the power of ContentCache™

Avantis ContentCache Central is a central management solution for Avantis ContentCache web caching (edge cache) appliances. ContentCache Central binds together a deployment of stand-alone ContentCaches to create a fully fledged Content Delivery Network.

ContentCache Central opens up a whole new world of functionality for anyone with central responsibility for broadband, caching, e-learning or network management. ContentCache Central is a perfect solution for LEAs, content publishers who manage content at their customer sites or indeed any organisation that deploys e-learning or web content to remote sites.

ContentCache Central allows an authorised administrator to: deploy content; view and change settings; monitor statistics and performance; install software updates. Any of these functions can be performed on an individual cache or on a multitude of caches at the same time.

ContentCache Central can also be used to manage ISA Server based hierarchical caches at upstream central or hub locations.

Easy Content Delivery

Allows centrally procured or centrally managed content to be deployed to all sites with a single click. Centrally managed content categories (channels) can be created and deployed to one or more ContentCache edge caches.

Empowering the Edge Cache

Unlike competitive systems the ContentCache Central system requires no expensive additional hardware. It is a software solution that works by

empowering edge caches to pre-cache or pre-load content directly from origin web servers. Upstream hierarchical caches can be used to automatically accelerate and optimise these pre-caching or pre-loading operations to create a fully optimised hierarchical caching solution.

Instant View of Cache Deployment Status

From the ContentCache Central User Interface you get an instant view of the status of your caches, whether they are on-line and operating correctly, how much bandwidth they are saving, and more.

Remote Cache Administration

Provides a single User Interface through which one or many ContentCache web cache appliances can be remotely administered and monitored.

Saves Cost of Site Visits

Reduces the need for engineers to visit sites to change settings or install or update content, saving time & money.

Quick to Install & Firewall Friendly

Communication between ContentCaches and the ContentCache Central system is initiated from ContentCache edge caches on a pull basis, using Microsoft .NET Web Services technology, operating using HTTP on port 80 only. These communications pass through firewalls and routers without the need for re-configuration because they are no different to ordinary web traffic.

Instant Response Live Information

The ContentCache Central system displays live information, so settings are implemented instantly when applied and performance data is live.



ContentCache Central Client

Windows User Interface

The ContentCache Central system is administered using the ContentCache Central Client software. This is a Windows Application that can be run on any PC, anywhere. The Windows Application UI provides a faster mechanism to view and control the large volume of information presented in a system of this kind and is far superior to web based central management and content delivery systems.

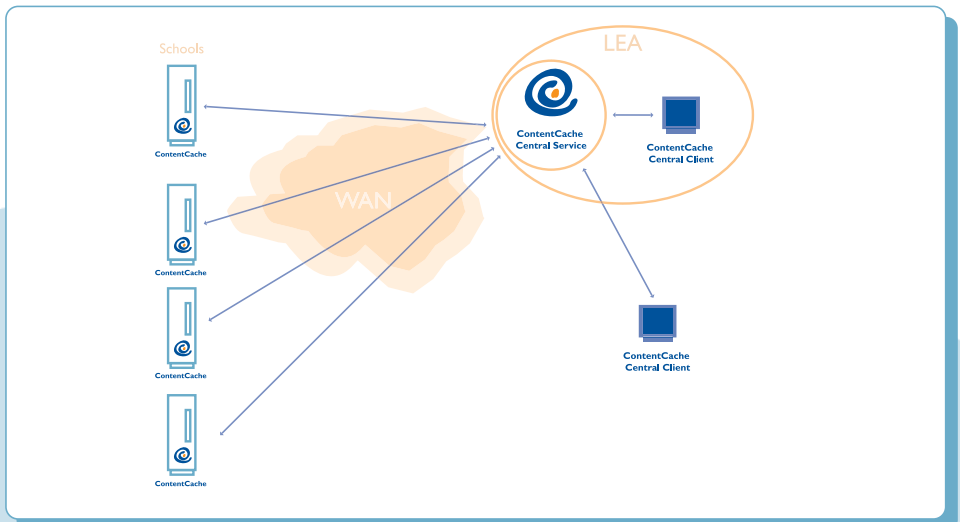
Deploy Software Updates and Patches

ContentCache Central can be used to deploy new software versions and software updates to one or more ContentCaches. These can include Avantis and Microsoft software, updates and patches. This mechanism can also be used to deploy or update third party software to ContentCaches, such as web filtering or Anti-virus. NB. ContentCaches can also be configured to automatically download and install Windows security fixes without the need for ContentCache Central.

ContentCache Central™

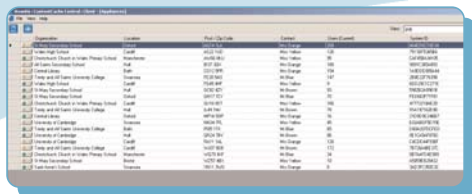
Getting Started

1. Install ContentCache Central Server software on a new or existing server in a central location. Requires no configuration or maintenance.
2. Register school ContentCaches with the ContentCache Central server by setting up the "ContentCache Central" administration page in the Web UI of the ContentCaches.
3. Install the ContentCache Central Client software on a PC, connect to the ContentCache Central server and Login.



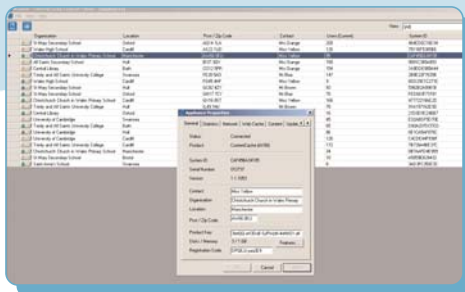
User Interface

From the ContentCache Central Client User Interface a list of edge caches can be seen together with the required information in columns. The list can be filtered to show any subset of caches.

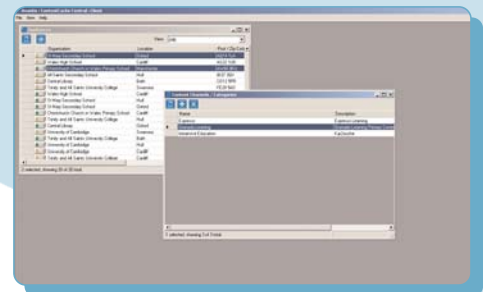


List of ContentCache Servers

ContentCache Central within an LEA



ContentCache Server Property Sheets



List of Categories

The property sheets can be opened for an individual cache or multiple caches. One can then view statistics, change settings, deploy content, software, updates and so on. The property sheets in ContentCache Central emulate the equivalent web-based property sheets on the individual servers. Wizards provide a fool-proof easy-to-use method to conduct the most common tasks.

Content is managed through Content Categories (channels) which can be setup in ContentCache Central. Each category contains one or more Content Jobs (pre-caching or pre-loading instructions).

Content Publisher Support

Avantis works with leading content publishers through its Content Provider Program. ContentCache Central can deploy non-standard content from leading publishers such as:

- Granada Learning,
- Espresso,
- Compass Learning,
- Immersive Education,
- Sherston.

Avantis ContentCache™ Servers

ContentCache Central from Avantis is used to manage multiples of Avantis ContentCache servers. ContentCache, powered by Microsoft Internet Security and Acceleration (ISA) Server, is a smart web caching appliance that is installed on a school network to speed up access to web content and e-learning resources. Further information about Avantis ContentCache Servers is available from our website: <http://www.avantisworld.com>



Due to our policy of continued product development, Avantis is constantly updating and improving product specifications. Please refer to the Avantis website www.avantisworld.com for the latest specifications.

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