

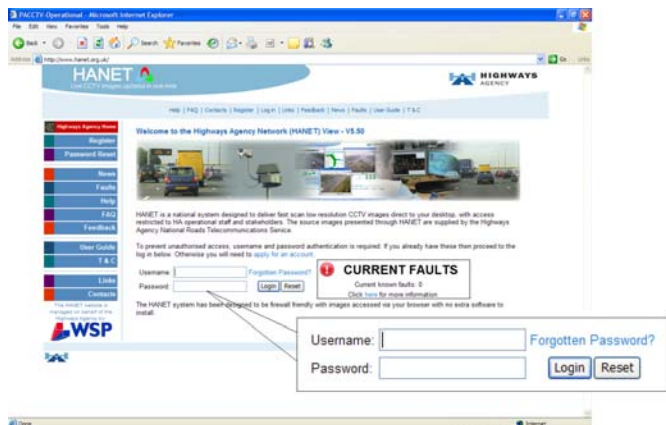
Highways Agency Network Viewer (HANET) QUICK START GUIDE

HANET is an integral part of the Highways Agency's Traffic Cameras Service. It is an internet based technology designed to stream fast scan low resolution live CCTV images to Internet enabled desktop computers or mobile computing devices. The source images presented through HANET are supplied by the Highways Agency National Roads Telecommunications Service. This brief guide shows how to use the HANET Operational computer interface.

System Logon

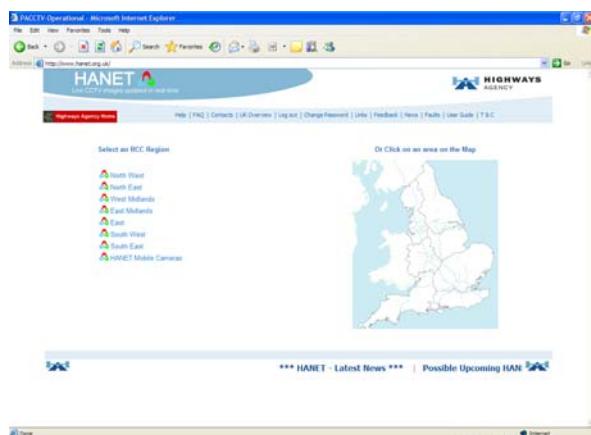
Using your internet browser you can access HANET via the following URL: www.hanet.org.uk

An image of the welcome page is shown below. The page contains details of HANET and allows new users to apply for an account. Authorised users are able to access HANET upon entering their allocated username and password:

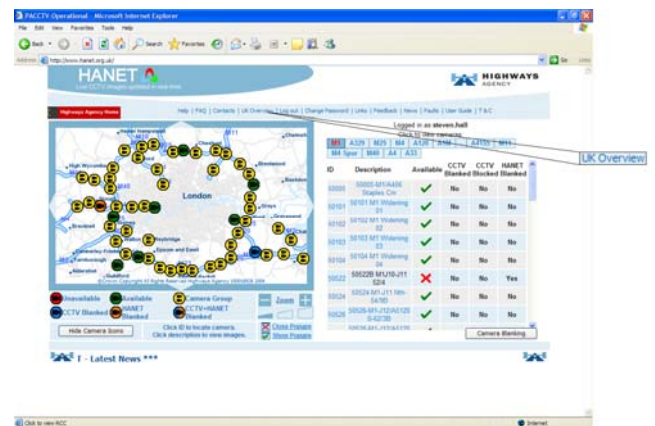


System Navigation

After a successful login you will see the HANET region selection page:

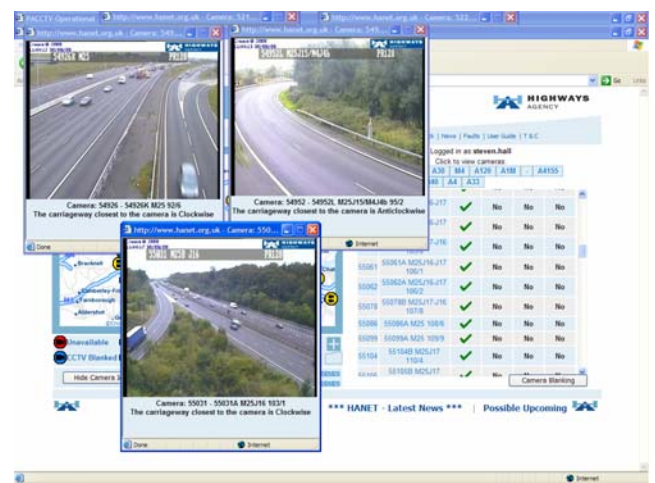


Using your mouse select a region. You can return to the region selection page at any time by clicking on the [UK overview](#) link at the top of the page:



Viewing Images

To view a camera, select a camera identifier from the map or select the camera ID from the column on the right. A camera window should appear similar to the one below:



You can zoom-in and zoom-out of the navigational map as well as manage camera pop-ups using the navigation buttons shown below:



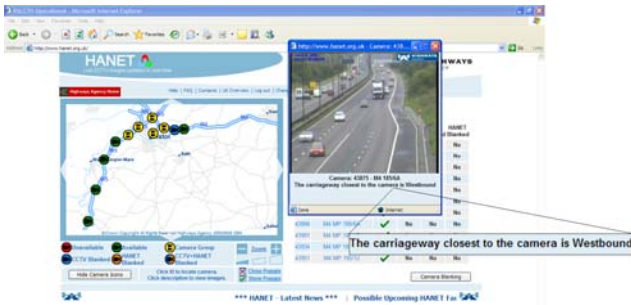
Camera Orientation

In order to make it easier to establish which direction the camera is pointing, we have developed a camera orientation database. This is displayed at the bottom of each camera pop-up for which the orientation has been recorded and indicates the direction of travel for the carriageway closest to where the camera is mounted.

Location data is not currently available to us for all cameras and with this in mind we would welcome your comments and feedback so that we can add to the number of cameras that we currently provide this information for.

Similarly, if you come across any orientation information that you believe to be incorrect, please let us know so that we can make the necessary corrections.

The best way to provide feedback to us is by using the [feedback](#) link at the top of each page on the website.



Camera Blanking

There are three blanking states within HANET. The first two are CCTV blanked and CCTV blocked. When a camera is CCTV blanked only high level HANET users are able to view images. When a camera is CCTV blocked neither high level users or standard users are able to view the cameras. Both of these states are controlled outside of HANET by Highways Agency Control

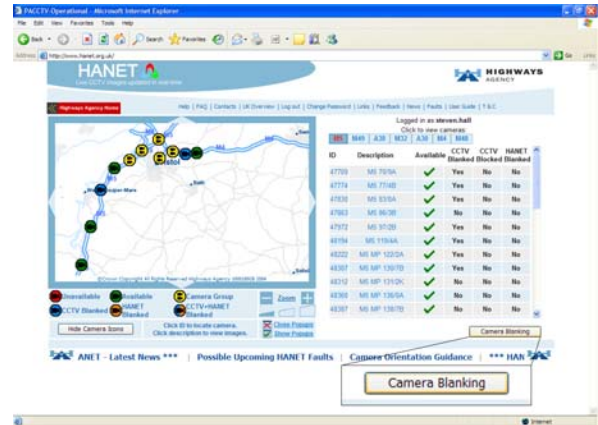
Room Operators. This is shown in the table below:

	CCTV Blanked	CCTV Blocked	HANET Blanked
High Level User	Available	Unavailable	Available
Standard Level User	Unavailable	Unavailable	Unavailable

High level users also have the option to HANET blank cameras to standard level users (Certain cameras need to be HANET blanked at all times. These cameras have been "Admin blanked." This facility has the same effect as HANET blanking except that they cannot be altered from the website, even by high level users. If you require any cameras unblanked please contact the [helpdesk](#).)

To HANET blank a camera you must select the [camera blanking](#) button at the bottom right of the screen (This button is only shown if you are a high level user and are on a page with cameras listed i.e. you have already selected a specific region.)

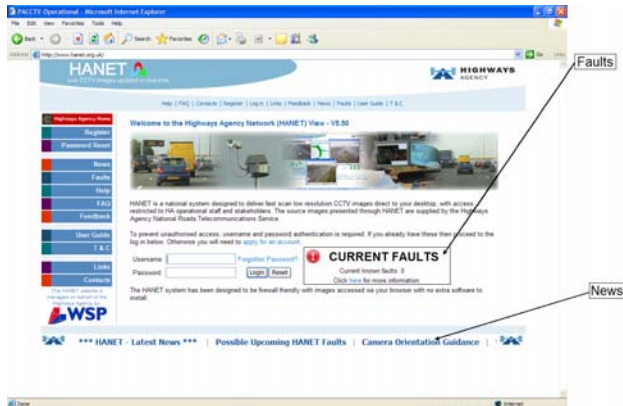
You will then be able to select the camera(s) you wish to blank or unblank:



News and Faults

The HANET website is kept up to date with news and faults information. The news items will provide information about forthcoming improvements or temporary maintenance periods. A ticker tape scrolls at the bottom of every HANET screen containing the latest HANET news headlines. By clicking a headline

the full story will open in a new window. Alternatively you can click the [news](#) link at the top of the page to view the full list of news items.

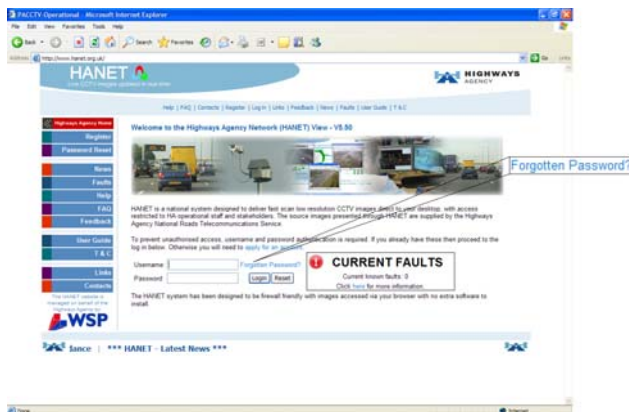


Any faults which occur on HANET are also recorded on the website to keep you informed of the current system status. The homepage contains a faults box showing the total number of current faults on HANET. There is a link to the [faults](#) section within this faults box and also in the toolbar at the top of the screen.

Help, FAQ and Feedback

The HANET website offers numerous forms of help to enable you to fully utilise the website and its contents as quickly and simply as possible.

There is a [forgotten password?](#) link on the homepage if you are struggling to log on:



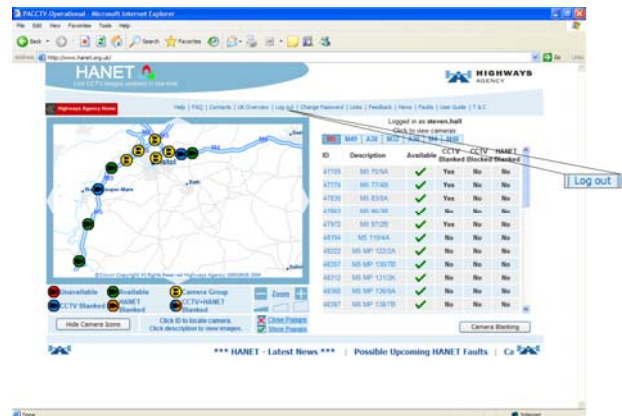
There is also a [change password](#) link at the top of the page once you have successfully logged on.

Also at the top of the page is a [help](#) and [FAQ](#) link with lots of handy hints and tips which are easy to find.

Finally there is a [feedback](#) option to enable you to contact us. An email helpdesk is available Monday to Thursday between 9am and 5pm, and on Fridays between 9am and 1pm. We are always happy to hear your thoughts and queries and will endeavour to reply to you as soon as possible.

Logging Out

To log out of HANET simply select the [Log out](#) option from the links at the top of the screen:



Remember

If you have any questions or queries you can contact the HANET Helpdesk via the [feedback](#) link at the top of the screen.