



# WEBFILTERING PROVISION

## What is the web filtering service?

The web filtering service provided to the school provides a filter for staff and learners which prevents them from accessing potentially harmful and explicit content online. The service which is not noted by the end user, intercepts all internet traffic from the schools network provided as part of the Broadband Provision.

All filtering can be configured using various policies, these policies can be set globally across all computers or at individual level depending on the requirements of staff, time of day, time of week, or website specific e.g. Facebook.

Schools can require greater control if required in line with individual school policies.

In the event of a site being discovered that is deemed inappropriate by the school, this should be logged immediately via your point of contact at 24/7 Technology or consultant so that we can take the appropriate action.

## How does web filtering work?

Web filtering blocks access to potentially harmful material found online from staff and learners by categorizing online content e.g. gaming, gambling, pornography, social media etc.

## Statement from our provider

“Our categorization is based on an automated engine called ICAP which uses language dictionaries in any language as well as sites being scanned in a number of ways:

- URLs which are requested by the user but have not been rated will be automatically scanned for any illicit language as well as colour tone in images before being displayed to the end user
- Users can request we scan specific sites either in bulk or on a site by site basis

In General though the ratings are done by the automated rating system. The system does not rate malicious content such as viruses and exploits as in some cases the sites have legitimate content. The ICAP server also obtains third party feeds from governments and other organisations of sites containing extremist or sexual violence. Any requests to change the rating of a site will be dealt personally by a member of staff and the site will be fully vetted before re-rating to ensure the highest level of security.

- All data is displayed in a hierarchical system that displays, IP, domain and website details of what was visited, it may only block a certain portion of the website due to illicit language and the rest of the website be free to browse

## Does the service provide appropriate filtering and monitoring?

Schools in England (and Wales) are required “to ensure children are safe from terrorist and extremist material when accessing the internet in school, including by establishing appropriate levels of filtering” 1 . Furthermore, the Department for Education published the revised statutory guidance ‘Keeping Children Safe in Education’2 in May 2016 (and active from 5th September 2016) for schools and colleges in England. Amongst the revisions, schools are obligated to “ensure appropriate filters and appropriate monitoring systems are in place. Children

should not be able to access harmful or inappropriate material from the school or colleges IT system” however, schools will need to “be careful that “over blocking” does not lead to unreasonable restrictions as to what children can be taught with regards to online teaching and safeguarding.”

### **Illegal Online Content**

Filtering providers should ensure that access to illegal content is blocked, specifically that the filtering providers:

Aspect	Rating	Explanation
<ul style="list-style-type: none"> <li>• Are IWF Members</li> </ul>		Diladele B.V are IWF members
<ul style="list-style-type: none"> <li>• And block access to illegal child abuse images (by actively implementing the IWF CAIC list)</li> </ul>		The IWF CAIC list is part of Diladele B.V Web Filtering Service. Category – Child Abuse: websites that have been verified by the Internet Watch Foundation to contain or distribute images of non-adult children that are depicted in a state of abuse.
<ul style="list-style-type: none"> <li>• Integrate the ‘the police assessed list of unlawful terrorist content, produced on behalf of the Home Office’</li> </ul>		The list is part of the Diladele B.V web filtering system.

### **Inappropriate Online Content**

Recognizing that no filter can guarantee to be 100% effective, providers should both confirm, and describe how, their system manages the following content

Content	Rating	Explanation
Discrimination		<b>Category - Discrimination</b> Sites that promote the identification of racial groups, the denigration or subjection of groups, or the superiority of any group. <b>Sites in this category are blocked by default for schools</b>
Drugs/Substance Abuse		<b>Category - Drug Abuse</b> Websites that feature information on illegal drug activities including: drug promotion, preparation, cultivation, trafficking, distribution, solicitation, etc. <b>Sites in this category are blocked by default for schools</b>
Extermism		<b>Category - Extremist Groups</b> Sites that feature radical militia groups or movements with aggressive anti-government convictions or beliefs <b>Sites in this category are blocked by default for schools</b>

Malware/Hacking		<p><b>Category - Malicious Websites</b> Sites that host software that is covertly downloaded to a user's machine to collect information and monitor user activity, and sites that are infected with destructive or malicious software, specifically designed to damage, disrupt, attack or manipulate computer systems without the user's consent, such as virus or trojan horse.</p> <p><b>Category - Hacking</b> Websites that depict illicit activities surrounding the unauthorized modification or access to programs, computers, equipment and websites.</p> <p><b><i>Sites in these categories are blocked by default for schools</i></b></p>
Pornography		<p><b>Category - Pornography</b> Mature content websites (18+ years and over) which present or display sexual acts with the intent to sexually arouse and excite.</p> <p><b>Category - Nudity and Risque</b> Mature content websites (18+ years and over) that depict the human body in full or partial nudity without the intent to sexually arouse</p> <p><b><i>Sites in these categories are blocked by default for schools</i></b></p>
Piracy & Copyright		<p><b>Category - Peer-to-Peer File Sharing</b> Websites that allow users to share files and data storage between each other.</p> <p><b><i>Sites in this category are blocked by default for schools</i></b></p>
Self Harm		<p><b>Category - Explicit Violence</b> This category includes sites that depict offensive material on brutality, death, cruelty, acts of abuse, mutilation, etc</p> <p><b><i>Sites in this category are blocked by default for schools</i></b></p>
Violence		<p><b>Category - Explicit Violence</b> This category includes sites that depict offensive material on brutality, death, cruelty, acts of abuse, mutilation, etc</p> <p><b><i>Sites in this category are blocked by default for schools</i></b></p>

This list should not be considered an exhaustive list. Please outline how the system manages this content and many other aspects

The policies which we use for schools have been carefully tailored to enable access to the majority of appropriate websites. On the occasion where a school is unable to access a specific website, the school is able to either unblock the website themselves if they have requested this level of access or contact our service desk to request the site be unblocked.

### Filtering System Features

How does the filtering system meet the following principles:

Principle	Rating	Explanation
<ul style="list-style-type: none"> <li>Age appropriate, differentiated filtering – includes the ability to vary filtering strength appropriate to age and role</li> </ul>		Policies can be adjusted to account for different, requirements, use groups, times of day etc.
<ul style="list-style-type: none"> <li>Control - has the ability and ease of use that allows schools to control the filter themselves to permit or deny access to specific content</li> </ul>		All schools have the option of managing their own Block and Permit policies.
<ul style="list-style-type: none"> <li>Filtering Policy – the filtering provider publishes a rationale that details their approach to filtering with classification and categorisation as well as over blocking</li> </ul>		The general categories can be found here  <a href="#">Diladele B.V Categories</a>
<ul style="list-style-type: none"> <li>Identification - the filtering system should have the ability to identify users</li> </ul>		Users are identified via IP address.
<ul style="list-style-type: none"> <li>Mobile and App content – isn't limited to filtering web traffic and includes the blocking of inappropriate content via mobile and app technologies</li> </ul>		The Diladele B.V service is a proxy service managed by group policy that can be enabled on mobile app and other technologies
<ul style="list-style-type: none"> <li>Multiple language support – the ability for the system to manage relevant languages</li> </ul>		The filter can has multi-lingual support
<ul style="list-style-type: none"> <li>Reporting mechanism – the ability to report inappropriate content for access or blocking</li> </ul>		We implement a standard block page, and schools can either unblock or report the issue to us via our service desk for the site to be unblocked Where inappropriate access has occurred, again the school can block this site if they have requested that level of

		access, or contact our service desk for the site to be blocked.
<ul style="list-style-type: none"> <li>• Reports – the system offers clear historical information on the websites visited by your users</li> </ul>		The system offers a broad range of reports which schools can request. Historical data is stored for a set period of time and reports ran against this data.

**Filtering systems are only ever a tool in helping to safeguard children when online and schools have an obligation to *“consider how children may be taught about safeguarding, including online, through teaching and learning opportunities, as part of providing a broad and balanced curriculum”*.**

Ref. <https://www.gov.uk/government/publications/keeping-children-safe-in-education--2>