

DNS filtering vs DCI-based solutions

Compare by:	Filtering with Deep Content Inspection (DCI) ¹	DNS filtering
Filtering by site database	Filters by DNS, URL, and IP address. Can apply separate rules to any address, e.g., www.example.org/anypart	Filters only by domain names (e.g., www.example.org)
Content analysis	Analyzes text of every page loaded and can filter Web 2.0 content, such as individual messages on forums, specific pages on social networks, etc.	-
DPI	DCI is an offshoot of DPI, offering exceptional filtering quality when analyzing content, and not packets or applications	-
Safe search	Forces use of Safe Search mode on Google, YouTube, and elsewhere	-
Download controls	Blocks certain file types from being downloaded	-
Banner and pop-ups blocking	Blocks banners from being shown	-
Use of special dictionaries	Filters all pages by content using special dictionaries ("Drugs", "Suicide", "Extremism", etc.)	-
Filtering of illegal sites	Can block more extremist materials (2,044 items as of 09/06/2013)	Can block a portion of the 175 blacklisted (illegal) sites with indicated URLs
Total effectiveness ²	Up to 99.8%	From 70 to 96%
Antivirus scan	Scans all downloaded files for viruses and malware	-

¹ - UserGate Web Filter and KinderGate Parental Control use DCI for content filtering. ² - According to testing by Anti-Malware Test Labs: <http://www.anti-malware-test.com/>.