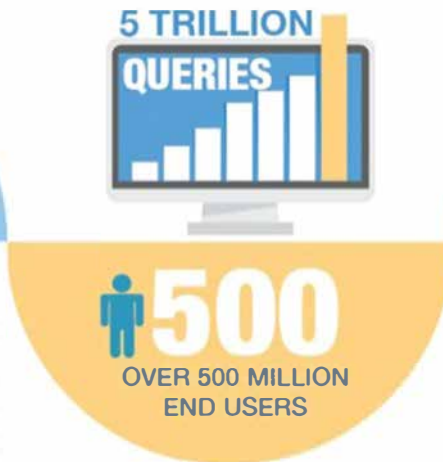# WebTitan – URL Filtering Categories

TitanHQ's high quality web filter, WebTitan, provides a content URL database which is highly accurate, provides comprehensive coverage of the ActiveWeb, supports malicious website detection and zero-hour protection and updates, with flexible deployment options via an appliance or hosted in the cloud.

WebTitan's URL policy engine includes 53 different website category options for web and URL filtering. There are also an additional 8 customizable categories. This gives you control over which sites can be accessed by users on your network. The easy-to-use, cloud based solution allows you to quickly set up user policies per network, group, users, device or IP address, giving you total control of your businesses web activity.

WebTitan is highly scalable, supporting small deployments through to ISPs and deployments with millions of users, with exceptional URL query performance. WebTitan provides market-leading accuracy, coverage and malicious website detection with an easy-to-integrate API. Our web categories are collated through real time advanced analytics and detection from 500 million end users and no less than 5 trillion web queries per month covering 99.9% of the active web.

53 CATEGORIES

99.98% COVERAGE OF THE ACTIVE WEB.

5 TRILLION QUERIES

500 OVER 500 MILLION END USERS

CAUGHT!
UPDATES OF MALICIOUS ACTIVITY ARE POSTED IN REAL-TIME

* Detection collated from 500 million end-users

These categories allow you provide protection to business users by:

1. Blocking access to categories including malware, phishing, malicious sites and spam sites.

2. Adhere to corporate usage policy by blocking access to categories such as adult, pornography, gambling, hate speech and nudity.

3. Create usage policies to ensure resource protection, controlling or limiting access to social media, social sites, video or streaming sites.

WebTitan Features:

The following features will ensure you do not have any management or maintenance headaches:

1. Coverage

WebTitan's network of 500 million users ensures over 99.9% coverage of the active web traffic.

2. Accurate

WebTitan uses a combination of machine learning and human quality assurance to maintain high accuracy, and it is updated in real-time.

3. Fast

WebTitan makes a decision in about 5 microseconds by using a local SDK, supplemented by cloud updates of uncategorized URL's.

4. Granular

53 different web categories in over 200 languages.

5. Easy Integration

WebTitan is available in an easy-to-integrate API.

6. Flexible Pricing

WebTitan is priced efficiently and on a flexible basis.

Real Time Malware Detection

Our market leading content categorization and malicious URL detection solution, WebTitan, also provides real-time, automated updates as new content and malicious sites are detected. We discover over 60,000 new malware iterations every single day.

TitanHQ WebTitan

WebTitan Web Filtering and URL Filtering Categories:

The 53 Categories available in WebTitan for Web Filtering and URL Filtering:

1. Alcohol:

Web pages that promote, advocate or sell alcohol including beer, wine and hard liquor.

2. Anonymizer:

Web pages that promote proxies and anonymizers for surfing websites with the intent of circumventing filters.

3. Art:

Theater, museums, exhibits, photography, and digital graphic resources.

4. Business/Services:

General business websites.

5. Cars/Transportation:

Vehicles including selling, promoting, or discussion.

6. Chat/Instant Messaging:

Communication through chat or Instant Messaging services as well as sites with information about Instant Messaging communication or chatrooms.

A particularly popular category with the increased popularity of FaceBook messenger. WebTitan has the functionality to allow access to Facebook but block Facebook messenger.

7. Community Sites:

Newsgroup sites and posting including forums and bulletin boards.

8. Compromised:

Web pages that have been compromised by someone other than the site owner, which appear to be legitimate but house malicious code. A very dangerous category in terms of malware threats.

9. Computers and Technology:

Sites with information about computers, software, hardware, peripheral and computers services.

10. Criminal Skills/Hacking:

Activities that violate human rights including murder, sabotage, bomb building etc. Information about illegal manipulation of electronic devices, encryption, misuse, and fraud. Warez and other illegal software distribution.

11. Dating:

Web pages that promote relationships such as dating sites and marriage sites.

12. Download Sites:

Shareware, Freeware and other software. P2P sites and software.

13. Education:

Educational institutions and schools. Educational and reference materials including dictionaries, encyclopedias.

14. Entertainment & Videos:

Web sites for videos, TV and motion picture including celebrity sites and entertainment news.

15. Finance:

Bank and insurance companies and other financial institutions. Active trading of certificates and stocks.

16. Gambling:

Web pages which promote gambling, betting, lotteries, casinos and betting agencies involving chance.

17. Games:

Web pages consisting of computer games, game producers and online gaming.

18. Government:

Government organizations, departments, or agencies. Includes police, fire, hospitals.

19. Hate Speech:

Web pages that promote extreme right/left wing groups, sexism, racism, religious hate and other discrimination.

20. Health:

Personal health and medical services including sites with information on equipment, procedures, etc.

WebTitan Web Filtering and URL Filtering Categories:

The 53 Categories available in WebTitan for Web Filtering and URL Filtering:

21. Home/Leisure:

Sites with information about home improvement and decorating, family, gardening, hobbies, etc.

22. Humor:

Web pages which include comics, jokes and other humorous content.

23. Illegal Drugs:

Web pages that promote the use or information of common illegal drugs and the misuse of prescription drugs and compounds

24. Job Search:

Web pages devoted to job searches or agencies, career planning and human resources

25. Mature:

Sites not appropriate for children. Includes sites with content about alternative lifestyles, profanity, etc.

26. Military:

Web pages sponsored by the armed forces and government controlled agencies.

27. Miscellaneous:

Content Servers used to supply supplementary website content, or web pages that do not clearly fall into any other category.

28. Music:

Web pages that include internet radio and streaming media, musicians, bands, MP3 and media downloads.

29. News:

Web pages with general news information such as newspapers and magazines.

30. Non-profits:

Clubs, communities, unions, and non-profit organizations.

31. Nudity:

Web pages that display full or partial nudity with no sexual references or intent

32. Online Ads:

Web pages strictly devoted to advertising graphics, banners, or pop-up ad content.

33. Personal Webpages:

Websites about or hosted by personal individuals. Communication through blogs and guestbook servers. Information on personal hobbies and activities.

34. Pharmacy:

Web pages which include prescribed medications and information about approved drugs and their medical use.

35. Phishing/Fraud:

Manipulated web pages and emails used for fraudulent purposes, also known as phishing

36. Politics and Law:

Sites that promote a political parties and interest groups. Information on elections and legislation. Sites that offer legal information and advice.

37. Pornography/Sex:

Explicit sexual content unsuitable for persons under the age of 18.

38. Portal Sites:

General web pages with customized personal portals, including white/yellow pages

39. Real Estate:

Web pages possessing information about renting, purchasing, selling or financing real estate including homes, apartments, office space, etc..

40. Religion:

Religious sites and information. Includes Sects, cults, occultism and religious fundamentalism.

41. Restaurants:

Food, dining and catering services including sites that provide reviews, advertisement or other promotion.

WebTitan Web Filtering and URL Filtering Categories:

The 53 Categories available in WebTitan for Web Filtering and URL Filtering:

42. Search Engines:

Web pages supporting the searching of web, newsgroups, pictures, directories, and other online content.

43. Shopping:

Online shops, catalogs and online ordering. Auction sites and advertising. Classified ads. Excludes shopping for products and services exclusively covered by another category such as health.

44. Social Networking:

Social networking web pages and online communities built around communities of people where users "connect" to other users.

45. Spam:

Products and web pages promoted through spam techniques. Very important for malware protection.

46. Sports and Recreation:

Sports teams, fan clubs and news. Recreation activities including zoos, public recreation centers, pools, amusement parks.

47. Spyware & Malicious Sites:

Sites or software that install on a user's computer with the intent to collect information or make system changes without the user's consent. A must block category.

48. Tobacco:

Web pages promoting the use of tobacco related products (cigarettes, cigars, pipes)

49. Translator:

Web pages which translate languages from one to another.

50. Travel:

Web pages which provide travel and tourism information, online booking or travel services such as airlines, car rentals, and hotels.

51. Violence:

Web pages that promote questionable activities such as violence and militancy.

52. Weapons:

Web pages that include guns and weapons

53. Web-based Email:

Web pages which enable users to send and/or receive email through a web accessible email account.
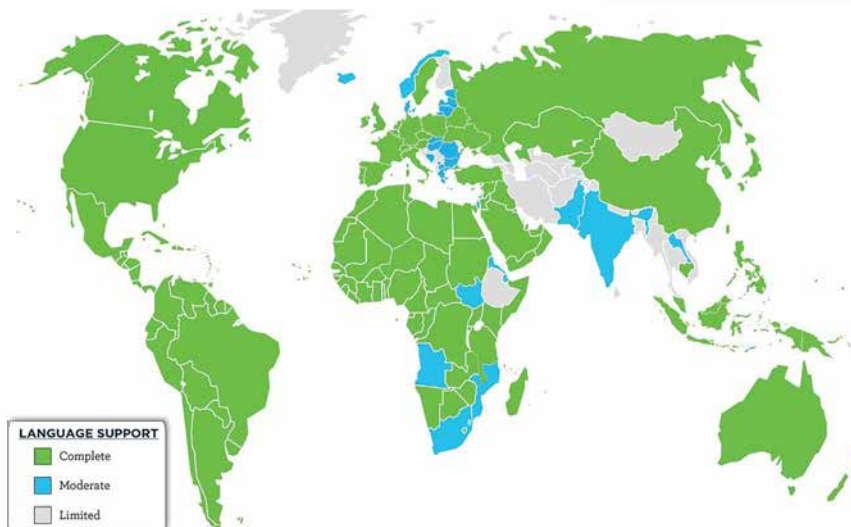
WebTitan Benchmarks

Accuracy:	• 99.9% accuracy • Proprietary AI-based and Machine Learning categorization engines process millions of URLs daily with Q/A and "supervised learning" being provided by the review of tens of thousands of URLs daily by multi-lingual Q/A teams • Tracks Accuracy across each Language/Category pair (i.e. English/Dating) on an hourly/daily/weekly basis with automated tuning of AI algorithms based on performance
Coverage:	• 99.9% coverage of the ActiveWeb • Validates coverage against the Alexa global and country-specific lists daily
Malicious Detection:	• Identifies new malicious URLs and IPs daily • Pioneer in Malicious Website detection techniques
Time to Categorize New URLs / IPs:	• New URLs are automatically identified and forwarded for contextual categorization and malicious detection processing • Average time to process/categorize new URL is less than 1 minute
Time to Respond / Correct Miscategorized URLs:	• 24x7 support for miscat submission handling • Average less than 20 minutes to research and correct, if necessary, any miscat submissions • Any corrections are immediately distributed
Updating / Database Freshness:	• Provides real-time updates throughout the day • Provides a full incremental file update daily • You have the option of getting real-time updates throughout the day as well as performing full-time updates daily • You have the option of getting real-time updates throughout the day as well as performing full-time updates daily
Category Granularity / Category Mapping:	• 53 categories in our content, objectionable and malicious categorie • Categories can easily be "mapped" to your specific category taxonomies if needed
Language Support:	• WebTitan includes categorized URLs from over 200 languages

LANGUAGE SUPPORT

■ Complete
■ Moderate
□ Limited

WebTitan URL Filtering supports over 200 languages for 6,500 customers globally

General queries: info@titanhq.com   www.titanhq.com