

FastTracker's Internet content filter uses a combination of URL lists and a revolutionary, patent-pending vector-space artificial intelligence to categorize web pages. That means you get "smart" Internet content filtering. Products that rely on URL lists or databases alone can't keep up with the myriad new sites that appear every day. It's simply physically impossible. When a web site isn't in FastTracker's URL database, our artificial intelligence instantaneously categorizes it when a user tries to access it.

FastTracker offers two choices for categorizing web pages: 30 basic categories or 60 more-detailed categories. The following list describes the type of information that falls into each of the 60 categories. In the 30-category option, indented categories are encompassed within the main category.

Adult: These are sites directed to adults, not necessarily pornographic sites. Adult clubs; strip clubs, swingers clubs, escort services, strippers; general information about sex, non-pornographic in nature; genital piercing; adult products, adult greeting cards; information about sex not in the context of health or disease.

Dating: Dating sites, online personals, matrimonial agencies, etc., for adults.

Lingerie and Swimsuits: Intimate apparel, especially when modeled.

Non-sexual Nudity: Nudism/nudity; nudist camps; artistic nudes.

Porn: Sexually explicit text or depictions. Includes the following: nude celebrities; anime and XXX cartoons; general XXX depictions; material of a sexually violent nature (bondage, domination, sadomasochism, torture, rape, spanking, snuff, fantasy death, necrophilia); other fetish material (foot/legs, infantilism, balloon sex, latex gloves, enema, pregnant women, pony-play, BBW, bestiality); XXX chat rooms; sex simulators; gay pornography; sites that offer strip poker; adult movies; lewd art; web-based pornographic e-mail.

Tasteless or Obscene: Sites that offer tasteless, often gory photographs such as autopsy photos, photos of crime scenes, crime or accident victims; sites displaying excessive obscene material.

Violence: Sites related to violence and violent behavior.

Advertisements: Banner and pop-up ads that often accompany a web page; other advertising sites that provide advertisement content.

Arts and Entertainment: Galleries and exhibitions; artists and art; photography; literature and books, publishing; movies; performing arts and theater; music and radio; television; celebrities and fan sites; design; architecture; entertainment news, venues; humor.

Dining and Drinking: Eating and drinking establishments; restaurants, bars, taverns, brewpubs; restaurant guides and reviews.

Automatic Updating: Web pages that monitor activities and automatically update page content on a regular basis, such as stock tickers or weather reports.

Business and Industry: Sites involved in business-to-business transactions of all kinds. Advertising, marketing, commerce, corporations, business practices, workforce, human resources, transportation, payroll, security, venture capital, etc; office supplies; industrial equipment (process equipment), machines and mechanical systems; heating equipment, cooling equipment; materials handling equipment; packaging equipment; manufacturing: solids handling, metal fabrication construction and building; passenger transportation; commerce; industrial design; construction, building materials; industrial design; shipping and freight: freight services, trucking, freight forwarders, truckload carriers, freight/transportation brokers, expedited services, load & freight matching, track & trace, NVOCC, railroad shipping, ocean shipping, road feeder services, moving & storage.

Computers and Internet: Information about computers and software such as: hardware, software, software support sites; information for software engineers, programming and networking; website design, and the web and Internet in general; computer science; computer graphics and clipart.

Web Hosting: Sites that provide web site hosting services.

Criminal Related: Pages that promote crime such as stealing, fraud, phreaking and cracking; warez and pirated software; computer viruses; terrorism, bombs, and anarchy; sites depicting murder and suicide as well as explaining ways to commit them.

Cheating and Plagiarism: Sites promoting cheating and selling written work (e.g. term papers) for plagiarism.

Hacking: Sites discussing ways to hack into web sites, software, and computers.

Customer Assigned Classification: Using FastTracker Policy Manager, the customer has specifically identified the URLs for these web pages and has pre-assigned whether they are classified as business, non-business, or unacceptable.

Education: Education-related sites and web pages such as schools, colleges, universities, teaching materials, teachers resources; technical and vocational training; online training; education issues and policy; financial aid; school funding; standards and testing.

Failed URL request: URL could not be retrieved for reasons such as non-existence or lack of authorization. This occurs in cases such as a **404 Page Not Found** error.

Filter Avoidance: Web pages that promote and aid undetectable and anonymous surfing.

Finance: Sites and information that are primarily financial in nature such as: accounting practices and accountants; taxation; banking; insurance; investing: information relating to the stock market, stocks, bonds, mutual funds, brokers, stock analysis and commentary, stock screens, stock charts, IPOs, stock splits; the national economy; personal finance involving insurance of all types; credit cards; retirement and estate planning; loans; mortgages; taxes.

FYI: City and state guides; maps, weather, time; reference sources; dictionaries; libraries; museums; ski conditions; personal information; mass transportation: consumer mass transit information (bus, commuter train, subway, airport), schedules.

News: News, headlines; newspapers; TV station websites.

Games: Various card games, board games, word games, video games; computer games, Internet games (RPGs and D&D); combat games; sports games; downloadable games; game reviews; cheat sheets.

Lottery and Sweepstakes: Sweepstakes, contests and lotteries.

Government and Law: Foreign relations; news and information relating to politics and elections such as: politics, political parties, election news and voting; sites and information relating the field of law such as: attorneys, law firms, law publications, legal reference material, courts, dockets, legal associations; legislation and court decisions; civil rights issues; immigration; patents and copyrights; sites and information relating to law enforcement and correctional systems; sites relating to the military such as: the armed forces, military bases, military organizations, and military equipment; anti-terrorism.

Crime: Sites related to crime, crime reporting, law enforcement, crime statistics, etc.

Weapons: Sites or information relating to the purchase or use of conventional weapons such as: gun sellers; gun auctions; gun classified ads; gun accessories; gun shows; gun training; general information about guns; other weapons (e.g., knives, brass knuckles) may be included.

Hate Speech: Hate-related sites, involving racism, sexism, racist theology; hate music; Christian identity religions; World Church of the Creator; Neo-Nazi organizations: Aryan Nations, American Nazi parties, Neo-Nazis, Ku Klux Klan, National Alliance, White Aryan Resistance, white supremacists; National Socialist Movement; Holocaust denial.

Health and Nutrition: Health care; disease and disabilities; medical care; hospitals; doctors; medicinal drugs; mental health; psychiatry; pharmacology; exercise and

fitness; physical disabilities; vitamins and supplements; sex in a context of health (disease and health care); tobacco use, alcohol use, drug use, and gambling in a context of health (disease and health care); food in general; food and beverage; cooking and recipes; food and nutrition, health, dieting.

Sex Education and Abortion: Sexual health; information about, or descriptions of, abortion procedures such as: abortion pills, medical abortions, surgical abortions; abortion clinics and abortion providers.

Job Search: Career advice; advice on resume writing and interviewing skills; job placement services; job databanks; employment and temp agencies; employer sites.

Misc: Cannot be categorized -- often because the web page is secured from outside visibility or there's either no text or too little text to assess it.

Nature: Natural resources; ecology and conservation; forests; wilderness; plants; flowers; forest conservation; forest, wilderness, forestry practices; forest management (re-forestation, forest protection, conservation, harvesting, forest health, thinning, prescribed burning); agricultural practices: agriculture, gardening, horticulture, landscaping, planting, weed control, irrigation, pruning, harvesting; pollution issues: air quality, hazardous waste, pollution prevention, recycling, waste management, water quality, environmental clean-up industry; animals, pets, livestock, zoology; biology; botany.

Non-mainstream: Non-mainstream approaches to life. Occult practices: esoteric magic, voodoo, witchcraft, casting spells; fortune telling practices: I Ching, numerology, psychic advice, Tarot; paranormal: out of body, astral travel, séances; astrology, horoscopes; UFOs and aliens.

Online Communities: Personal web pages; affinity groups; special interest groups; professional organizations for social purposes; personal photo collections; web newsgroups.

Online Trading: Online brokerages, sites which afford the user the ability to trade stocks online.

Science and Technology: Sites involving science and technology: aerospace, electronics, engineering, mathematics, etc.; space exploration; meteorology; geography; environment; energy: oil, nuclear, wind, sun; communications: telephones, telecomm.

Search Engines and Portals: Web directories and search engines that often serve as home pages such as Excite, MSN, Alta Vista, and Google.

Shopping: Auctions; bartering; online purchasing; coupons and free offers; yellow pages; classified ads; general office supplies; online catalogs; online malls.

Cars and Motorcycles: Sites about personal transportation; information about cars and motorcycles; shopping for new and used cars and motorcycles; car clubs; boats, RVs, etc. (Note: auto and motorcycle racing is categorized as Sports and Recreation).

Real Estate: Information that would support the search for real estate. This includes: office and commercial space; real estate listings: rentals, apartments, homes; house building; roommates, etc.

Travel: Business and personal travel: travel information; travel resources; travel agents; vacation packages; cruises; lodging and accommodations; travel transportation: flight booking, airfares, renting cars; vacation homes.

Social Science: Sites related to: archaeology; anthropology; cultural studies; economics; history; linguistics; philosophy; political science; psychology; theology; women's studies.

Society and Culture: Family and relationships; religions; ethnicity and race; social organizations; genealogy; seniors; clothing and fashion; spas; hair salons; cosmetics (skin care for diseases or conditions may be categorized as Health and Nutrition); hobbies; do-it-yourself; toys for kids; model and remote controlled cars; toy soldiers.

Cults: Cults and cult behavior.

Gay and Lesbian: Gay, lesbian, bisexual, transgendered: gay family, gay parenting, coming out, gay pride sites; gay civil rights issues, politics, sports, clubs and events, travel and accommodations, leisure activities; gay bars.

Spiritual Healing: Spiritual healing; alternative approaches to health, both physical and mental.

Tattoos: Pictures and text relating to body modification; tattoos and piercing venues; articles and information about tattoos and piercing; body painting.

Young Child: Sites directed toward and specifically approved for young children.

Sports and Recreation: All sports, professional and amateur; recreational activities; hunting; fishing; fantasy sports; gun and hunting clubs; public parks; amusement parks; water parks; theme parks; zoos and aquariums.

Streaming Media: Sites that involve: net radio; net TV; web casts; streaming audio; streaming video.

Vice: Sites involving illegal drugs, alcohol, tobacco, and gambling.

Alcohol and Tobacco: Beer, wine, spirits: beer and wine making, cocktail recipes, liquor sellers, wineries, vineyards, breweries; mixed drinks; tobacco; pipes and smoking products.

Gambling: Casinos and online gambling sites; bookmakers and odds; gambling advice; horse and dog racing in a gambling context; sports book; sports gambling.

Illegal Drugs: Information about recreational drugs, drug paraphernalia, marijuana seeds; advice on how to grow marijuana.

Web Messaging: General use of the web for messages: e-cards, on-line meetings, message boards, etc.

Instant Messaging: Web-based instant messaging.

Peer File Transfer: Peer-to-peer file request sites. This does not track the file transfers themselves.

Web-based Chat: Web-based chat sites.

Web-based Email: Email portals and email messages ported through the web.

With FastTracker, you can choose how each of the 60 distinct categories should be classified -- Business, Non-Business, or Unacceptable – and you can set unique policies for different groups within your organization. The following table shows the default classifications assigned by FastTracker.

Adult	Unacceptable	Nature	Non-Business
Advertisements	Non-Business	Lottery and Sweepstakes	Non-Business
Alcohol and Tobacco	Non-Business	News	Non-Business
Arts and Entertainment	Non-Business	Non-mainstream	Non-Business
Automatic Updating	Non-Business	Non-sexual Nudity	Unacceptable
Business and Industry	Business	Online Communities	Non-Business
Cars and Motorcycles	Non-Business	Online Trading	Non-Business
Cheating and Plagiarism	Non-Business	Peer File Transfer	Non-Business
Computers and Internet	Business	Porn	Unacceptable
Crime	Business	Real Estate	Non-Business
Criminal Related	Non-Business	Science and Technology	Non-Business
Cults	Non-Business	Search Engines and Portals	Business
Dating	Non-Business	Sex Ed and Abortion	Non-Business
Dining and Drinking	Non-Business	Shopping	Non-Business
Education	Business	Social Science	Non-Business
Failed URL Request	Non-Business	Society and Culture	Non-Business
Filter Avoidance	Unacceptable	Spiritual Healing	Non-Business
Finance	Business	Sports and Recreation	Non-Business
FYI	Business	Streaming Media	Non-Business

Gambling	Non-Business	Tasteless or Obscene	Unacceptable
Games	Non-Business	Tattoos	Non-Business
Gay and Lesbian	Non-Business	Travel	Non-Business
Government and Law	Business	Vice	Non-Business
Hacking	Non-Business	Violence	Unacceptable
Hate Speech	Unacceptable	Weapons	Business
Health and Nutrition	Non-Business	Web Hosting	Business
Illegal Drugs	Non-Business	Web Messaging	Non-Business
Instant Messaging	Non-Business	Web-based Chat	Non-Business
Job Search	Non-Business	Web-based Email	Non-Business
Lingerie and Swimsuits	Unacceptable	Young Child	Non-Business