

WEBSENSE MASTER DATABASE APPLICATION CATEGORIES



The heart of Websense® software is the Websense Master Database. A dedicated staff of analysts works diligently to keep it the largest and most up-to-date database in the industry. Utilizing a combination of proprietary classification software and human inspection techniques to ensure the most complete coverage, the Websense Master Database has the most accurate classification of applications, protocols, and URLs. The Websense Master Database contains more than 1.9 million applications and executables, organized into more than 50 categories. This variety of categories gives organizations a high degree of specificity in designing their application use policies.

APPLICATION CATEGORIES

One of the key elements of all Websense solutions is the Websense Master Database.

Access / Privacy / Security

- **Antivirus Software** – Software that detects, filters, and eliminates viruses imported into the network.
- **Authentication and Authorization** – Software that restricts access to and use of the computer and its contents to authorized users and authorized uses.
- **Encryption, PKI** – Software that enables the encryption and decryption of data for security purposes.
- **Firewalls** – Software that protects the desktop from unauthorized remote access.
- **Hacking** – Software used to attack or evade access controls and privacy measures on other computers.
- **Potentially Unwanted Software** – Technologies that alter the operation of the user's hardware, software, or network in ways that diminish control over the user experience, privacy, or the collection and distribution of personal information.
- **Proxy Avoidance** – Applications that enable or facilitate the avoidance or bypassing of proxy server features.
- **Remote Access** – Software that enables authorized access to and use of a desktop computer or private network from a remote location.
- **System Audit** – Software used to monitor and log activity on a computer network, including both legitimate use and attempts to access or use network assets in unauthorized fashion, and to assess the status and security of the network.

Audio / Video

- **Imaging** – Software that enables the creation, manipulation, and display of images to standards significantly lower than with those tools in Graphics.
- **Media Players** – Software that enables the creation and playback of audio or video files.

Communication

- **Collaboration** – Software that enables the sharing of files and applications across workgroups, networks, or enterprises and provides communication and shared workspace for groups. (Sometimes known as groupware).
- **Dedicated Browsers** – Software that enables connection to a specified website or set of websites; typically these browsers refresh frequently or constantly to display new content.
- **Email** – Software that enables the receiving, display, composing, and sending of email from the desktop. Includes the client side of network applications (e.g. Microsoft Outlook) and bulk email software, but not email applications built into web browsers.
- **Instant Messaging** – Software that enables the sending and receiving of synchronous, real-time messages on the desktop. (Also known as chat-room software.)
- **P2P File Sharing** – Software that enables file search and sharing across a network without dependence on a central server.
- **Telephony, Conferencing, Fax** – Software that enables telephonic transmission of voice and other data, including software for BBS, IP telephony, and dial-up internet access.
- **Web Browsers** – Software that interprets content and presents it on the desktop screen; excludes browsers dedicated to a single or limited sources.

Critical Functions

- **Never Block** – Executables needed to enable the desktop machine to perform its basic functions prior to the use of added applications.

Entertainment

- **Adult** – Software that includes depictions of nudity or sexual activity or other elements that might be objectionable to non-consenting users.
- **Gambling** – Software that enables online wagering or pay-for-play activity.

- **Games** – Software that enables the playing of games, whether solo or jointly with other players.
- **Screen Savers** – Software that creates a display on the desktop screen when no keystrokes or mouse movements have occurred for some specified time.

Malware

- **Bots** – Bots and associated applications infiltrated into users' computers for malicious purposes (e.g. remote access or data theft). Excludes web crawlers.
- **Keyloggers** – Programs that run in the background, recording all keystrokes, and which may also send those keystrokes (potentially including passwords or confidential information) to an external party.
- **Malicious Software** – Software that is designed by an outsider to attack or manipulate the desktop machine or the network, either to cause harm or to make unauthorized use of information or resources.
- **Spyware** – Software used to log and report on activity on the desktop without the user's knowledge (excludes adware and cookies).

Miscellaneous

- **Java Files** – Binary files containing code to be executed by a Java interpreter (i.e. files with .class or .jar extensions).
- **Other** – Executables not otherwise categorized.
- **Scripts** – Files containing non-malicious code to be executed by a scripting host (i.e. as with .bat, .pl, .vbs extensions).
- **Temporary Internet Files** – JavaScript files, which load onto the desktop chiefly in association with HTML files.

Productivity

- **Contact Managers** – Programs that store and manage information about clients, customers, vendors, and other classes of business contacts. Programs elsewhere labeled 'personal information managers' are also categorized here, as are personal schedulers.

- **CRM** – Customer Relationship Management software that manages all or many aspects of the firm's relationships with customers, such as sales force automation, sales support, customer service, marketing, campaign management, ordering, call center, and fulfillment.
- **Data Warehousing, Analytics, and Reporting** – Software that gathers and stores large quantities of business data, that performs a variety of analyses of it, or that prepares a variety of reports on it.
- **Database** – Software that enables the creation and utilization of structured sets of information, the structure being provided by the definition of fields or data objects, and the utilization consisting of analysis, synthesis, and comparison across large quantities of such data.
- **Document Viewers** – Software other than that incorporated into document-creation tools (e.g. word processors) or other than web browsers that enable the creation and viewing of documents and diagrams.
- **ERP, SCM** – Enables the tracking and management of some or many core business processes, including purchasing, inventory, human resources, general ledger and other accounting tasks, logistics, and other planning processes.
- **Graphics** – Software packages that enable sophisticated graphics creation and manipulation to engineering or studio standards. Includes CAD, cartographic, rendering, and animation tools.
- **Presentation** – Software that enables the creation of charts, slides, or multimedia displays.
- **Project Managers** – Software used for project planning, estimating, scheduling and management, job tracking, and cost accounting.
- **Proprietary** – Software developed within the firm for its own use and not as a product or component of a product.

- **Reference, Information Tools** – Software that provides a body of reference information and means for accessing and displaying it. This also includes general desktop tools such as calendars, clocks, and calculators.
- **Search, Retrieval, Knowledge Management** – Software that enables searches of data on file servers, intranets, or websites, and retrieval of relevant results, or that combines search with indexing functions.
- **Software Development** – Tools used to create, debug, test, compile, and prepare for installation and use new software programs.
- **Spreadsheets** – Software that enables the creation and management of dynamic tables.
- **Suite, Integrated** – Software utilities and other executables that are part of an application suite but that are not specifically associated with any one of the applications.
- **Web and Desktop Publishing** – Software that enables format conversion, manipulation, and integration of text and image files for the purpose of publication on paper or on the Web.
- **Word Processing** – Software that enables the creation, editing, viewing, and management of documents.

System

- **File Management** – Software that enables user control over file format, organization, backup, and transfer, but not manipulation of graphics files.
- **Infrastructure** – Software used in system assessment and maintenance, user support, and other administrative tasks other than those classified in System Audit.
- **Installers** – Executables that install applications.
- **Miscellaneous Utilities** – Other enabling tools not otherwise classified.
- **Operating Systems** – The fundamental programs that enable the computer to recognize and accept input, to enable and organize the operation of devices and application programs, to manage stored information, and to direct output in designated modes.
- **Scripting Hosts** – Native executables that provide an environment within which a variety of native and non-native scripts can execute.

THE WEBSense MASTER DATABASE

URLs

- Contains over 20 million websites, published in more than 50 languages, and organized into more than 90 categories.
- Gives organizations a high degree of specificity when designing their internet use policies.

Protocols

- Contains over 80 protocols, organized into 15 categories, including current protocols for peer-to-peer (P2P), instant messaging (IM), and streaming media applications.
- Helps organizations manage their network use by allowing or disallowing use of an application requiring network resources to communicate.

Applications

- A comprehensive categorization of PC applications – contains over 1.9 million applications and executables (not including Miscellaneous category and sub-categories), organized into 50 application categories.
- Allows organizations to define flexible, scalable policies for acceptable application use at the endpoint.

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