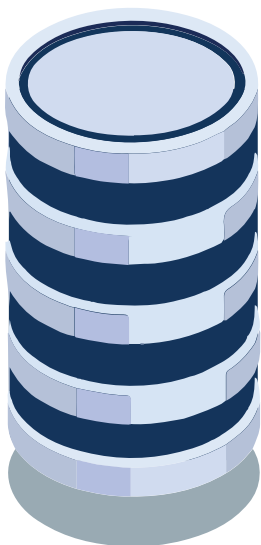# Olfeo oem

URL Database
Classify URLs and domains with accuracy

Classifying large volumes of URLs is a complex challenge

Categorizing the vast content of websites is challenging due to overlapping topics and the internet's dynamic nature, which constantly changes as websites update or disappear. This requires maintaining an accurate and up to date URL database, a task complicated by the enormous volume of data from billions of websites. Automated machine learning techniques are essential for managing this data efficiently while ensuring the classification system is user-friendly, intuitive, and meets the search needs of users.

Olfeo OEM offers the most reliable URL database

Olfeo provides its URL database and domains as a white-label product to software publishers wishing to enhance the functionalities of their product. Due to its reliability, the finesse of its categorization and its exhaustive coverage of 99% of queries, Olfeo OEM brings greater precision, context and value to the data collected by its customers.

22 millions domains	**100** categories
99% Recognition rate	**1 billion** web requests handeled daily

Highlights

- **Exhaustive database of URL domains and IPs**
- **Quality and accuracy ensured by a combination of IA tools and human classification team**
- **Hassle-free integration with your software**
- **A powerful database for Software Security Vendors, Investigation, parental control...**

— Domains / Sub-domains

— IPs

— Thematic content

— Categories content

Proud to be used by companies such as :

ekinops   Extreme networks

TELMAT   adaptiv networks

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Olfeo

Exhaustivity of the database

With the ability to filter hundreds of millions of URLs, Olfeo's URL database is capable of efficiently covering users' browsing profiles. With a unique recognition rate of over 99%, the vast majority of consulted sites are recognized and correctly categorized thanks to our approach combining automatic AI-based pre-classification and validation by a human operator.
This unique approach effectively enriches the services provided by your software solutions.

Reliable categorization

All categorized content in our URL database is subject to a double analysis: automatic and human. The systematic manual analysis of each categorized content, carried out by an Olfeo human expert, is a guarantee of quality. Our classification reliability rate is over 99%.
Systematic human verification of each piece of content is facilitated by the use of high-quality pre-ranking AI-based tools. The powerful artificial intelligence algorithms that analyze web pages, interacting with our keyword databases enriched by our linguists, deliver extremely high-quality pre-ranking results.
However, to achieve unrivalled classification finesse, only human intervention, supported by a proven methodology shared by the team, can achieve a navigation recognition rate of over 99% and a false positive rate close to 0.

Easy integration :

Olfeo database integration requires no third-party software installation. You maintain control over data exchanged with your customers. You are completely autonomous in the use of our Olfeo databases, and their integration is extremely simple.
The 2.5 GB database can be easily integrated into any physical or virtual appliance. In the form of an LMDB file, the database is securely updated on a weekly basis to ensure that data remains up to date.

Continuous database updates

A continuous process is in place to ensure the quality of the data in the database:
1. The database is continually enriched through feedback from users of OLFEO products, through research for new domains covering targeted themes, and through monitoring and exploiting lists of domains available in open source.
2. The integration of a new artificial intelligence algorithm into our automatic pre-processing chain, in collaboration with the MoD (Ministry of Defense), offers us continuous improvement and enhanced accuracy in this initial domain classification stage.
3. Human analysis by our teams of experts confirms the automatic analysis, or corrects it if necessary.
4. Finally, continuous improvement enables us to monitor possible changes in content and update categories. New categories are also created to adapt to changes in Internet usage. For example, the Generative AI category was recently deployed in response to a request from our customers, who needed to track the usage of services linked to generative AI (ChatGPT etc.) services.

Why Olfeo Stands Out

• **Market Leadership :** Olfeo is a preferred choice of leading vendors in the networking and security market, a testament to the trust and reliability of our database. We are honoured to be used by leading vendors.

• **On-Demand URL Addition :** We understand that your needs may change, which is why we offer an on- demand application addition service to keep your database current and comprehensive.

• **Data Quality :** The quality of our data set is coming from our AI Tools, points of collect and our dedicated Classification team. That brings Cultural relevance and regional understanding to our data ensuring that your solutions resonate with users worldwide.

Olfeo OEM covers a wide range of use cases

Cyber security

The Olfeo URL database helps improving the filtering capabilities of cyber security solutions. With a recognition rate in excess of 99%, and false positives close to 0, cyber security solution editors can set up web filtering that not only provides a very high level of security against malicious sites but also allows for fine-tuned access management according to groups or categories.

Brand protection

The identification of counterfeit websites enables to provide brands with a high level of detection and classification of counterfeit sites. Olfeo's team of experienced analysts systematically checks and confirms all sites before the final classification into the relevant category.

Lawful investigation

Data from investigations are voluminous, making manual analysis difficult as relevant information has to be identified quickly. Olfeo OEM enriches data and provides context to facilitate investigative actions with the highest level of reliability.

Contact Us : oem@olfeo.com
For more information or to schedule a consultation, reach out to our expert team. We're here to help you integrate Olfeo's database into your solution seamlessly.