

# WEB-CONTENT OPTENET LEGAL FILTERING (WOLF)

## OPTENET SECURITY SOLUTIONS FOR TELCOS

### FUNCTIONALITIES

- WEB/WAP FILTERING ADAPTED TO LOCAL LEGISLATION
- REAL-TIME MONITORING
- REPORTING TOOLS
- AUTOMATIC UPDATES
- INCORPORATES LISTS FROM EXTERNAL BODIES (IWF, ACMA)

### EXPERIENCE

UNBEATABLE EXPERIENCE WITH ISPS AND OPERATORS AROUND THE WORLD



## FILTERING OF ILLEGAL WEB/WAP CONTENT AT ISPs AND TELECOM OPERATORS

*The growing proliferation of online pedophilia and child pornography offences has forced governments to strengthen measures controlling, blocking and/or prohibiting illegal websites, in cooperation with the technical intermediaries involved in the trade and transfer of this content: Internet service providers and telecom operators.*

**Web Content Optenet Legal Filtering (WOLF)** is a service that enables Internet service providers and telecom operators to effectively filter all Web/WAP content classified as illegal by local authorities, ensuring they do not inadvertently transfer content prohibited by law. The solution stands out for its simplicity, highly effective filtering system and flexibility when it comes to deploying it in the operator's network infrastructure. Other key features include its ability to simultaneously filter all lists of illegal content stipulated by the competent authorities of the various governments of the countries where they operate (e.g. IWF in the United Kingdom or ACMA in Australia).

### BENEFITS

#### Integrated security

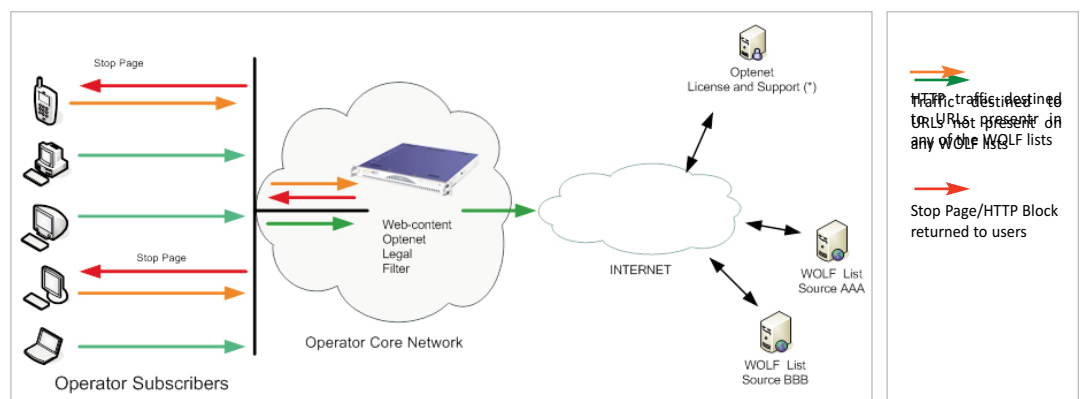
Web-Content Optenet Legal Filtering (WOLF) detects, intercepts and blocks all Web content listed as illegal by local authorities and prevents it from reaching the end user, thus ensuring compliance with the specific regulations of each country.

#### Simultaneous management of multiple databases

One of the main advantages of the service lies in the fact that it can simultaneously integrate and manage multiple lists of illegal content validated and supplied by the various governments of the countries where the operators have a presence.

### NETWORK DIAGRAM

The following diagram shows the information flows when deployed with its simplest configuration:



## FEATURES

- **Web-Content Optenet Legal Filtering (WOLF)** selectively blocks content from a site or domain, reducing the collateral damage that results from total restriction.
- The system **incorporates custom programs for downloading and importing external lists** of content classified as illegal.
- It also allows the operator to **urgently edit externally supplied databases** following legal judgments in the event that they contain an error.
- The highly configurable solution allows management of specific security policies for each imported list. It also enables logs on traffic blocked to be configured in accordance with legal requirements, with the option to partially hide or encrypt sensitive data (user IPs and URLs blocked).
- With **Optenet**, any administrator can generate **operational alerts and custom reports**.
- The solution includes a system of **automatic downloads and updates** of the latest files supplied by the source (competent authority) and of the configured lists.

## RECOMMENDED ARCHITECTURE

**WOLF** can be configured in router or **transparent modes**. The ideal method of integrating the solution is using the **Carrier Class Optenet Transparent Traffic Analyzer (CCOTTA™)** and, optionally, its integrated BGP module. This integration includes a minimum of **two machines (A-500 series)**, guaranteeing system availability with the management modules installed on both. If transparent mode is chosen, the minimum number of machines required varies.

## HARDWARE FEATURES



### A500

|                                    |   |
|------------------------------------|---|
| Gigabit network adaptors           | 2 on motherboard<br>2 on PCI-X expansion card   |
| Hard disk                          | 160 GB (recommended)  |
| Case                               | 1U Rackmount  |
| Dimensions (height, width, length) | 1.7"/43mm, 17.2"/437mm, 27"/686mm   |
| Weight                             | 47lbs/21.3Kg  |
| Cooling                            | 4x6-pin fans  |
| Operating temperature              | 10 - 35°C   |
| Storage temperature                | -40 - +70°C   |
| Humidity                           | 8 - 90% without condensation  |
| Power supply                       | 2x700W, 100-240V, 50-60Hz, 9.5-4.5 Amp  |
| Regulations                        | USA - UL listed, FCC<br>Canada - CUL listed<br>Germany - TUV certified<br>Europe/EC framework<br>EN 60950/IEC 60950-Compliant |

## WORKING WITH OPERATORS FOR OVER 10 YEARS (\*)



**Optenet is an information security technology multinational** that specializes in developing solutions that enable individuals, enterprises, telecoms operators and ISPs to guarantee the security, availability and integrity of their information. With a portfolio of over **50 global ISPs and mobile operators like Orange, Vodafone and Cable**

**& Wireless**, its products have the seal of approval from the Australian and British authorities to filter illegal web content using external databases supplied by local bodies such as the **Internet Watch Foundation (IWF)** and the **Australian Communications and Media Authority (ACMA)**.



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