



NAME	INTERNET SECURITY BARRIER X6
Company	Intego
Version	10.6
Type of product	Client
Devices supported	Computer
Operating systems	Mac OS X
Price *	1 year, up to two Macs: 94,95€
Language of interface	all the languages supported by OS X
GLOBAL RANKING	<p>≤ 12 years old users: 19/25 [1,470 points out of 4]</p> <p>≥ 13 years old users: 13/25 [2,072 points out of 4]</p>

* Prices might change according to the latest company offers

For a Spanish user it was very easy to learn the software without external help or handbooks during the configuration process.

Test user placed in: Spain

Test user's degree of computer literacy:



User's voice





FUNCTIONALITY

The tool consists in an all-in-one security suite: protection against viruses, spyware, and other internet threats that can harm users' PC. The tool provides an Internet Parental Control tool (ContentBarrier). The Internet Parental Control is able both to customize the webpage filtering and to manage the use of some applications/protocol. The parent can indicate specific URLs to be blocked (creation of a black list) or allowed (creation of a white list) by the filter despite the selected categories to be blocked/allowed. The parent can create a list of "key-phrases". This will block the page containing the listed keywords. It is possible to block some applications/protocols (Streaming, FTP, P2P, email) mainly through the "other" tool section.

Streaming: it is possible to filter audio/video streaming on the internet, in the "Other" section. It is possible to restrict internet access to some applications, leaving out streaming applications. The parent can block the chat application, not the entire IRC protocol. Chats and email and instant messaging conversations are filtered with the "Anti-harassment filter": The filter is based on a list of sentences and keywords like "are you alone", "are you naked" in Italian, English, French, Japanese, German and Spanish. It doesn't work with Skype. It is possible to block the access to social networks, as there is a "social networks" item among the categories of content that can be blocked. It is also possible to force the user to use the safe search functionality of Google.

FUNCTIONALITY SCORE: 2,8 OUT OF 4 POINTS

EFFECTIVENESS

The overall effectiveness score is weak.

The effectiveness is low on adult content and very low on other harmful content. It is to be noted that the underblocking is high and the overblocking is almost equal to zero. In other words, the other harmful content is almost not filtered by the tool.

The tool offers a better effectiveness score for teenagers than for children.

There is no major difference in effectiveness between web and web 2.0.

There is no major difference in effectiveness among the different languages.

Effectiveness score with adult content filtering for ≤ 12 years old user: 0,8

Effectiveness score with other harmful content filtering for ≤ 12 years old user: 0,8

Effectiveness score with adult content filtering for ≥ 13 years old user: 1,6

Effectiveness score with other harmful content filtering for ≥ 13 years old user: 1,6

OVERALL SCORE FOR EFFECTIVENESS FOR ≤ 12 YEARS OLD USER: 0,8 OUT OF 4 POINTS

OVERALL SCORE FOR EFFECTIVENESS FOR ≥ 13 YEARS OLD USER: 1,6 OUT OF 4 POINTS





USABILITY

Installation of the tool: The installation process is well comprehensible. The installer does not provide advanced options and cannot be influenced with regard to kind or amount of information, but it provides information about the status of the process. The steps are generally consistent and conform to users' expectations. The design is appealing and joyful.

Configuration of the tool: The configuration process is generally comprehensible and easy to learn, but context sensitive explanations are casually missing. There are barely any options to individualise or influence the process. The process is generally consistent and is conform to users' expectations. The design could be optimised a little.

Usage of the tool: The tool provides options to react when a website has been blocked, but these are mainly addressed to parents and not to children. The alert message can be customised, but it is not by default worded with respect to children's capability of understanding. The reporting is well comprehensible and joyful. It offers a preview of visited or blocked websites.

Usability of the installation process: 2,88

Usability of the configuration process: 2,82

Usability of the usage of the product: 2,94

OVERALL SCORE FOR USABILITY: 2,87 OUT OF 4 POINTS

SECURITY

It was possible to by-pass the tool by using Mac OS Safe mode.

OVERALL SCORE FOR SECURITY: 2 OUT OF 4 POINTS



DETAILED FUNCTIONALITY FICHE

AREA OF NEED	FUNCTIONALITY	SPECIFIC ISSUE	ASSESSMENT
MGMNT	Management of users profile	Create several profiles	YES
	Monitoring	Remote access	YES
FILTERING CUSTOMIZATION	Topics	Customisation of filtering topics	YES
	Urls White lists	Restrict browsing to a white list	YES
		Default white list	YES
		Modification OR Creation	Modification – YES Creation – NO
	Urls Black lists	Creation of user's own black list	YES
KEYWORDS	Keywords	Default black list	NO
		Default white list	NO
		Creation of a user's black list	YES
		Creation of a user's white list	NO
TIME	Time limit settings	Set a specific timeframe or web access duration	YES
BLOCKING MESSAGE	Type	Ask for unblocking to parents	SI
		Redirect to safe resources	NO
USAGE RESTRICTION	Web	block access	YES
		monitor usage	YES
	Safe Search	Availability	SI
	Social Networks	Block access	SI
		Monitor usage	NO
	Personal data provision	Block	SI
	Streaming	Block the access	Application - YES Web - YES
		Monitor the access to the application	NO
		block the application	YES
	P2P	monitor	NO
		block (chat, VoIP, Video-chat)	YES
	Skype application	monitor the usage	YES
		prevent from new contact	NO
		block the application	YES
	MSN	monitor the application usage	YES
prevent from new contact		NO	
block email Client and/or web		YES	






DETAILED SECURITY FINDINGS

The Tool prevents the user from by-passing the filter by:	YES/NO
Using the IP address instead of the URL	YES
Using an alternative browser	YES
Changing time and date settings*	YES
Disabling or uninstalling the software without a password*	YES
Closing the filtering tool through the Task Manager	YES
Using a proxy instead of a direct connection to the internet.	YES
Accessing the web-pages through the Google cache	YES
Reaching a website through translation sites	YES
Renaming a blocked application	YES
Renaming a blocked application	NO
Using Safe Mode	NO
Changing the port of Peer-to-Peer application	NO

*As managed directly by the tool and not by the device.

DETAILED USABILITY FINDINGS

	YES/NO
I: installation in less than 5 steps	NO
I: choice of installation for beginners or advanced users	YES
C: different degrees of strength for the filtering	NO
C: different content criteria for the filtering	YES
C: option to transfer filter configurations between target users	YES
C: option to transfer filter configurations between devices	YES
C: overall comprehensible configuration	YES
C: overall conformity with user expectations	YES
C: overall ease of learning	YES
U: alert message in a child friendly language	NO
U: option to customize the reaction in case of blocking	YES
U: overall easily operable and comprehensible reporting	YES