



NAME	SecurityShield
<b>Company</b>	SMobile Systems Inc.
<b>Version</b>	8.8.13
<b>Devices supported</b>	Mobile Tested on SYMBIAN 3.1 with Nokia E71
<b>Operating systems</b>	BlackBerry, Symbian, Windows Mobile, or Android
<b>Price</b>	1 year: 29,99 \$
<b>Language of interface</b>	English
The tool does not provide webpage filtering. Therefore the effectiveness was not possible. The tool provides, by the way, various functionalities to control the communication activities more typically linked to the phone usage (SMS and calls monitoring).	





## FUNCTIONALITY

The tool has various parental control features which does not allow web filtering but only control over telephone related activities such as:

- SMS
- MMS
- Images present in the device

The only Internet related control is on email: the tool allows the parent to monitor the email sent/received by the device user. The parent is reported (via email or through the web-based dashboard) about the email: text, sender or receiver and time. It is possible for the parent to customize the reporting by setting a blacklist of keywords (created by the parents or the default list)

**FUNCTIONALITY SCORE:** 0.2 OUT OF 4 POINTS (assessment referred as to the external tool only)

## USABILITY

Installation of the tool: Security Shield is delivered as an application which is installed nearly automatically. Therefore the installation process was not tested with regard to usability.

Configuration of the tool: The configuration process is not self-explanatory in many points and context sensitive explanations are missing. Most of the steps are easy to learn, but help is needed, especially to know how continue after the installation. The process offers barely any options to influence or customise the configuration. The process has some inconsistencies, but it is overall conform to users' expectations. The design could be optimised with regard to the PC-based dashboard.

Usage of the tool: The product does not provide options of URL filtering. The product's usage therefore was not part of the interest of the SIP Benchmark test and has not been tested with regard to usability.

Usability of the installation process: /

Usability of the configuration process: 2,04

Usability of the usage of the product: /

**OVERALL SCORE FOR USABILITY:** 2,04 OUT OF 4 POINTS

## SECURITY

The low rate is due to the possibility for the user to uninstall the tool without a password.

**SECURITY SCORE:** 0 OUT OF 4 POINTS (assessment referred as to the external tool only)





## DETAILED FUNCTIONALITY FINDINGS

EXTERNAL TOOL – Security Shield			
Area of need	Functionality	Specific Issue	Assessment
Filtering customisation	<b>Web Filtering</b>	Filter web pages according to content	NO
	<b>Topic filtering</b>	Customisation filtering topics	NO
	<b>White lists</b>	Restrict browsing to a white list	NO
		Default white list	NO
		Modification OR	Modification – NO
		Creation	Creation – NO
	<b>Black lists</b>	Creation of user's own black list	NO
Keywords	<b>Keywords</b>	Default black list	YES (for email)
		Default white list	NO
		Creation of a user's black list	YES (for email)
		Creation of a user's white list	NO
Time	<b>Time limit settings</b>	Set a specific timeframe or web access duration	NO
Usage restriction	<b>Web</b>	<u>Block</u> access	NO
		<u>Monitor</u> * usage	NO
	<b>Streaming</b>	<u>block</u> the access to streaming	Application: NO Web: NO
		<u>monitor</u> the streaming activity	NO
Usage restriction related to communication activities	<b>Skype</b>	<u>block</u> (chat, VoIP, Video-chat)	NO
		<u>monitor</u> the usage	NO
		prevent from <i>new</i> contact	NO
	<b>MSN</b>	<u>block</u> the application:	NO
		<u>monitor</u> the application usage:	NO
		prevent from <i>new</i> contact	NO
	<b>e-mail</b>	block email Client and/or web	YES





## DETAILED SECURITY FINDINGS:

The Tool prevents the user from by-passing the filter by	YES - NO - N/A*
Using the IP address instead of the URL	N/A
Disabling or uninstalling the software without a password	N/A
Using a proxy instead of a direct connection to the internet.	N/A
Accessing the web-pages through the Google cache	NO
Reaching a website through translation sites (ex. Google translate)	N/A

*\*It was not possible to carry on the test since the device does not allow the functionality or does not allow the access to the specific test bed.*

## DETAILED USABILITY FINDINGS:

	YES/NO
I: installation in less than 5 steps	/
I: choice of installation for beginners or advanced users	/
C: different degrees of strength for the filtering	NO
C: different content criteria for the filtering	NO
C: option to transfer filter configurations between target users	Could not be tested
C: option to transfer filter configurations between devices	YES
C: overall comprehensible configuration	NO
C: overall conformity with user expectations	YES
C: overall ease of learning	NO
U: alert message in a child friendly language	/
U: option to customize the reaction in case of blocking	/
U: overall easily operable and comprehensible reporting	/

