

# 8e6 R3000

## 8e6 Technologies

### DEVELOPER'S STATEMENT

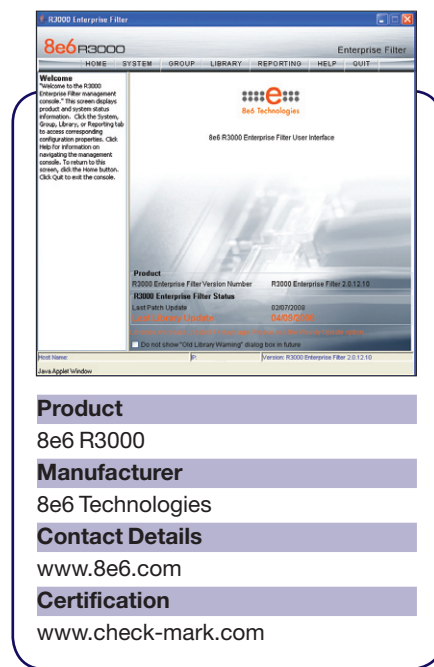
8e6 R3000 is a comprehensive solution that integrates the best best-in-class URL filtering, delivering performance, power, ease of use and unmatched scalability.

The 8e6 R3000 is an internet filtering solution designed for high traffic, enterprise corporations and has multiple deployment modes to accommodate different network scenarios. Monitoring consists not only of URLs, but also file types and extensions, multiple protocols such as HTTP, HTTPS, FTP and NNTP, along with TCP port monitoring.

The solution has four different operational modes - Invisible, Router, Firewall, and Mobile. For this round of testing, West Coast Labs used Invisible mode.

Configuration is carried out through a Java Applet, which is accessed via a browser through a non-standard port. The administrative console is separated into six sections - Home, System, Group, Library, Reporting, and Help. All selections are documented in detail and broken down into sub sections allowing for easy navigation. At any point throughout the solution interface the administrator can press F1 and receive context sensitive help.

Profiles for the URL filtering functionality



are implemented through the Group section and are applied to different selections of client machines. These groups of clients may be specified in multiple ways – either by network range, specific IP addresses, or MAC addresses.

Once the Profile is set, the administrator can customize it by specifying the categories to prohibit. There is a wide range of categories available – there are main categories, which are then broken

down into sub-categories, allowing a very granular level of control. The administrator is further able to add custom URLs into the solution if required.

As well as the traditional block pages that can be shown by the solution, the R3000 offers the facility to warn users about the content they are about to view, with the user then having a choice whether to proceed to view the website or not.

There is a nice regulatory mechanism that can be implemented with this device called “X-Strikes” Blocking. This allows the solution to suspend internet traffic for a certain number of minutes or for unlimited time to a specific client machine, and this is triggered when a user repeatedly attempts to access a prohibited category or categories over a specified time period.

The administrator is easily able to customise the number of attempts allowed, the time period and the categories to which this rule is implemented. Although configured separately to the group policy, it must be activated in the group policy section.

8e6 recommend using their Enterprise Reporter application for generating reports with full scope and drill down ability, and this opens up a significant extra amount of ways of presenting the data .



### WEST COAST LABS VERDICT

8e6 R3000 offers ease of implementation, common authentication mechanisms, a high degree of customization, and an easy interface that has few demands on the user with an ability to deploy the device in multiple modes.

### CHECKMARK CERTIFICATION SYSTEM

The 8e6 R3000 solution is registered and tested in the Checkmark Certification System and accredited to the Premium certification level. Independently tested and validated.  
[www.check-mark.com](http://www.check-mark.com)