

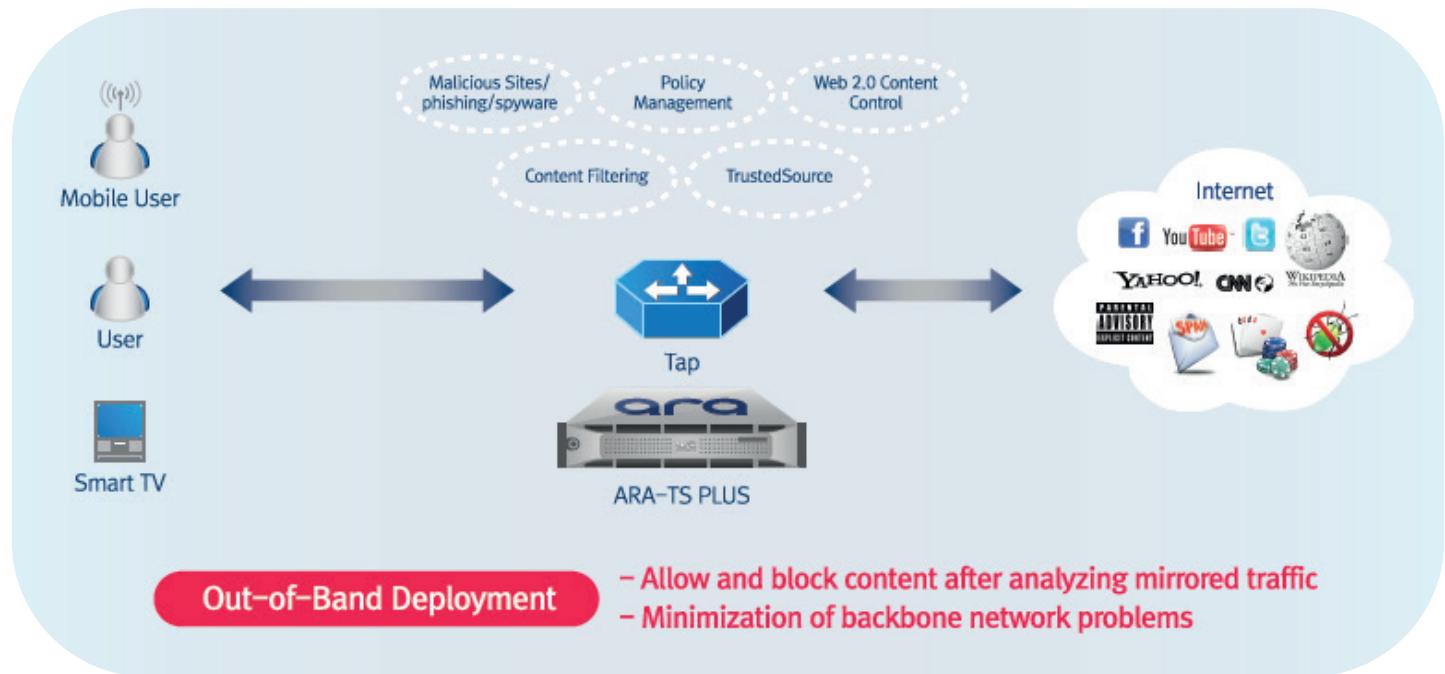
ARA-TS PLUS

Web Content Filtering Solution Zero-latency filtering, Safety and Compliance

Introduction

ARA-TS PLUS provides web filtering solutions that address the needs of today's dynamic Web 2.0 environment, while helping you control outbound web access and protect users against web-based threats. You are faced with the need to filter the web minimally. There is the moral obligation to prevent the spread of child sexual abuse images and videos by governments. Moreover, you may need to filter other objectionable contents such as adult, gambling, phishing, SNS, anti-government, and religion.

ARA-TS PLUS uses McAfee SmartFilter, one of the most widely deployed filtering solutions in ISP and corporate environments. ARA-TS PLUS consists of "TS-MANAGER," a centralized management tool, and "TS-PLUS," an action server for Web Filtering. With TS-MANAGER, you can control a group of TS-PLUS at once. As ARA-TS PLUS is a software-based solution, you can reduce TCO by leveraging standard Intel-based hardware servers rather than costly appliances. ARA-TS PLUS is available in both the appliance model and the software model, to meet customers' various demands. Competitive prices and worldwide warranties are available with servers from the top global server manufacturers.



Benefits



Stability

Does not affect your network even when it is suddenly shut down or restarted with Out-of-Band deployment.



Best Protection

McAfee's TrustedSource collects and classifies over 25 million URLs every day.



Supporting the leading Web Filtering DB

Provides the world's leading SmartFilter database from McAfee

ARA-TS PLUS



Perfect Protection

Blocks all detour methods: DNS detour, anonymizer, IP header assembly, non-standard web port, URL encoding / variation



Throughput

Provides the maximum throughput of 20Gbps



High Performance

Performs URL filtering normally without decreasing the speed during the peak traffic.



Supporting Asymmetric Routing

Performs URL filtering normally even in the asymmetric network.



Policy

Patch & Update

Networks Sniffing

NPM (Network Monitoring Platform)

URL Filtering

Log Analysis

Reporting

Low-Level Device

ARA-TS PLUS is optimized for processing large traffic with the 64-bit OS based high-performance NMP (Network Monitoring Platform) architecture. By arranging modules in parallel, the performance is NOT downgraded while processing large traffic.

ARA-TS PLUS

Features

Control on Various Web Traffic

- Blocks proxy detour
- Supports ACL controlling for each user, group, and date
- Blocks embedded URLs
- Blocks URLs that include IP addresses with special characters

Custom Category

- Provides custom category on the white list and the black list
- Supports immediate application of added / deleted / changed details on the client group list

Integrated Policy Configuration and Management

- Provides the GUI for web-based centralized management
- Provides configuration distribution and management
- Supports policy application for each IP address / IP range / user / group
- Filter Option – time/day/month, file extension, URL / IP address
- Supports Safe Search
- Connects through HTTPS and SSH v2

Various Reports

- Provides a summary report
- Analyzes top web / categories
- Provides top website statistics
- Provides a report in the web / Excel format

SmartFilter Support

- Supports the leading web filtering database, McAfee's SmartFilter
- Provides over 90 categories / Supports over 60 languages
- Updates the SmartFilter database automatically / manually

ARA-TS PLUS

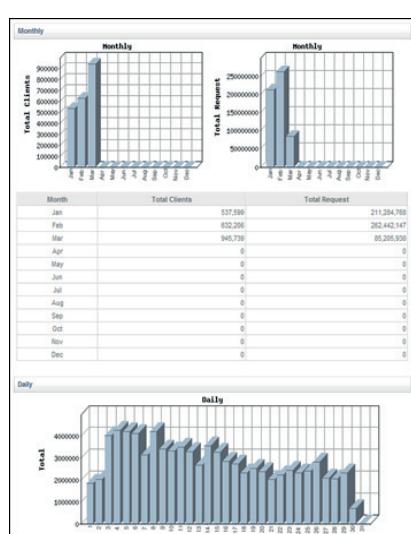
Specifications

TS-PLUS (monitoring and filtering unit) hardware specification is as follows:

MODEL	Tsps-20G
CPU	2 * Intel Xeon E5-2620v2 (2.1GHz), 6 core or higher
RAM	32GB RAM or more
Total HDD's	2 * 300GB 10K 2.5 SAS HDD
Power Supply	2 * 460W power supply - redundant
NIC	2 * 1GbE, 1 * 10GbE (Intel x520 Dual Port)

TS-MANAGER (centralized management tool) hardware specification is as follows:

MODEL	Tspm
CPU	1 * Intel Xeon E5-2620v2 (2.1GHz), 6 core or higher
RAM	32GB RAM or more
Total HDD's	4 * 1.2TB 10K 2.5 SAS HDD
Power Supply	2 * 460W power supply - redundant
NIC	2 * 1GbE



The TS-MANAGER interface includes several sections: 'Monitoring' (Current Status, Log Analysis, Daily, Log File, Log Search, Disk Info, Verification), 'Filtering' (URL, Anonymizer, Spam Mailer, Exclude Client IP), 'Configuration' (Network, DNS List, Organization & Category, Redirect Pages, Client Group List, TSPlus List, TSPlus Config, Additional Update DB, Log Manager, FTP Account, Admin Account, Admin Access, Syslog & NTP, Backup/Restore, History Mgmt, DB, Access, Config, TSPlus), 'Database' (Filtering List, Config List, Action: Insert, Apply, Delete, Update, Upload), and 'Action: All' (Time, Menu, Item, Action, User). A log table at the bottom shows actions like 'Upload' and 'Delete' for various entries.