

ICAP Proxy Security

Lightweight proxy extension
for secure web traffic

A-V

Avira's **ICAP Proxy Security** solution delivers the industry's best malware protection for you and your customers' web traffic. It includes the award-winning Avira Scan Engine and is an ideal technology for those vendors looking to build their own branded solution without the burden of having to undertake low level integration. It works seamlessly with SQUID and other ICAP proxies.

ICAP Proxy Security provides you with the ability to filter or scan files to/from the Internet or intranet. With an option to connect to the [Avira Protection Cloud](#), it can deliver a detection rate exceeding 99.99%, identifying and preventing Zero-day and Advanced Persistent Threats. Delivered as a binary package, it enables integration by simply setting the ICAP port and the configuration file.

ICAP Proxy Security is an ideal solution for:

UTM and next-generation firewall vendors, web and email gateway service providers who want to utilize an award-winning proxy-based AV solution to scan web-bound traffic for known and unknown threats.

Managed Service Providers looking to improve security, protect clients and servers from malware, avoid breaches and keep customer data private and safe.

ICAP Proxy Security supports [SQUID](#) making it a very cost-effective alternative to other existing web proxy solutions.



- [ICAP](#) protocols including RESTMOD, REQMOD, OPTIONS
- Runs on all major Linux distributions (Redhat, Ubuntu, Suse, Debian)
- Customizable templates to allow branding
- Multi-threading and multi-processing ready
- Flexible licensing mechanism
- Own updater with no service interruption and HTTPS support

KEY FEATURES:

Application

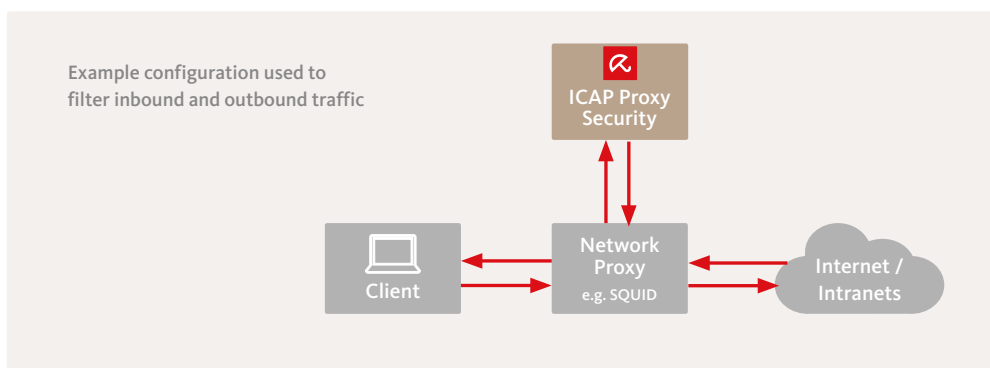
Avira's **ICAP Proxy Security** operates in a Request or Response mode, depending on whether filtering, or scanning, of files is required. In Request Mode, traffic from a client is routed by the network proxy to the **ICAP Proxy Security** solution which applies policies to filter the traffic based on a number of criteria including file extension or content type (application / executable / streaming traffic). In Response Mode, **ICAP Proxy Security** scans the file presented in the return path for malware, before it is delivered to the client.

Integration with Avira Protection Cloud

The **ICAP Proxy Security** solution includes an option to connect with the Avira Protection Cloud. The Avira Protection Cloud provides two additional assessment services: An upload of file hashes for evaluation against Avira's central hash database, or a hash evaluation followed by an upload of an unknown file for malware assessment (file reputation analysis) if the hash is unknown.

False Positive Control

A no-cost option available within the **ICAP Proxy Security** solution is Avira's unique False Positive Control technology. It ensures rare false positives are managed and do not impact detection performance.



Specifications

- **Size:**
80MB
- **Supported OS / Hardware:**
Linux / Intel
- **Implementation:**
Daemon
- **Functionality:**
>99.99% Detection rate with
Avira Protection Cloud
Generic and heuristic
Advanced archive scanner
Interfaces with Avira Protection Cloud
- **Scan and Detection:**
Malicious Windows .exe / .dll
Linux, MacOS and Android malware
Malicious script: JavaScript, VBScript etc
Office docs and embedded macros
- **Container Support:**
All known archives, installer packages,
ISO images, mailbox files
Flag password protected archives
- **Decoders:**
MBOX, MIME attachments
- **Adware and Spyware (selection):**
Worms, mailers
Web-based malware
(HTML, JavaScript, VBS)
Script virus DOS Batch MIRC/ IRC script
Shell script (Bash etc.)
PIF, INI, REG (ASCII)
- **Viruses (selection):**
Encrypters, Polymorphic & Metamorphic
viruses
Stealth viruses, Boot /File/MultiPartite
Java Applets, Exploits in file formats.
SPR (Security Privacy Risk e.g.: Jokes)

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