



*Automate Management &
Administration of Your
Network Use Policies*

Benefits:

- Leverage real-world “teachable moments”
- Optimize the performance of your network
- Up and running in minutes with minimal maintenance

Features:

- Detect infringing uses
- Graduated levels of disciplinary action
- Automate student communication
- Integrate with your judicial systems
- Zero false positives for copyright identification
- Keep current with the latest detection methods
- Highly scalable

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The Audible Magic Solution

The CopySense Appliance balances an institution’s need to offer unfettered network access for legitimate research and education while at the same time effectively manage their network policies against copyright infringement and other illegitimate uses. Behaviors are the problem when it comes to infringing activities, not technology; therefore the CopySense Appliance is designed to leverage technology to enable institutions to take advantage of “teachable moments.” The flexibility of Audible Magic’s technology enables a university to match the technology to their own unique set of network use policies and disciplinary actions.

Graduated Response Leverages the Teachable Moment

Research has shown that the most effective long term method for controlling inappropriate internet use is through education. The CopySense Appliance offers a fully automated, multi-level, Graduated Response System for infringing activities by a user; that works well for institutions using a 3-strikes approach. This system leverages educational opportunities, communication of infractions and sanctions, and integrates to campus judicial systems.

Graduated response might first begin with an educational redirect where upon the appliance detecting an infringing activity, the student is directed to a web page or receive an email warning of the specific infraction of your network policy. Further levels might include requiring students to take an online exams, redirecting them to legitimate music sources, disrupting their peer-to-peer file sharing, giving student an internet access timeout or a more permanent shutting down of their access to the internet.

Detect Violations of Your Network Policy

To match each institutions unique network policies, the CopySense Appliance offers a number of easily configured options to detect various infringing activities.

Copyright Identification

The patent-protected copyright identification of music and video accurately identifies transfers of commercially registered copyright material over peer-to-peer networks. Identification is done with zero false positives which means legitimate traffic is not affected. Audible Magic maintains one of the largest databases of content with over 7M commercially registered songs, film, TV and other video. The technology is flexible in recognizing content using various file formats and is resilient to compression methods.

Peer-to-Peer File Sharing Activity

File sharing of copyright material is most frequently conducted over peer-to-peer networks. The appliance detects and manages this activity by user.

Bayesian Filtering

Similar to spam-filtering software, Bayesian filtering is used by the appliance to detect highly probable transfers of copyrighted and/or other inappropriate content.

White/Black Listing and Keyword Identification

Allow/Restrict access by user, IP address ranges and/or keyword phrases in meta data. Keyword identification enables an institution to customize detection of other activities such as the inappropriate file sharing of digital text books and other academic works.

ActiveUpdate Subscription

Similar to anti-virus or spam software, essential to the CopySense Appliance is keeping current with the latest detection methods. The AutoUpdate Subscription Service provides every appliance daily updates about newly registered copyright information and new detection methods to tackle countermeasures from third parties.

No Impact on Your Network Performance

Detecting inappropriate uses and violations of your network policies that do not affect legitimate network traffic is of paramount importance. As a passive device, the CopySense Appliance has no affect on network performance, introduces no points of failure to your network and does not introduce problems of typical inline devices such as jitter or packet-loss.

Easy Installation

The CopySense™ Appliance comes pre-configured in a 1-U rack system. Simply connect to your network via two LAN connections - one listening to network traffic via a mirror port or a passive tap, and the other to provide control information back to the network. Most installations can be up and running in less than 30 minutes.

Easy Setup and Management

All functions are managed via an easy-to-use web browser interface. Your control choices can be applied to the entire network or to specified network subnets. Functions may also be set to operate over specified hours of the day. Use the built-in measurement and reporting capabilities to plan further refinements to your choices. To keep the appliance secure and not prone to attack, it is secured through an access control list; the appliance ignores probes from anywhere on the network other than via the access list.

Easy Report Generation

A variety of report formats have been designed to inform you about file sharing activity on your network. These reports show P2P bandwidth utilization versus your total bandwidth over time, number of infringing transfers over time, and more detailed reports containing a list of copyrighted files uploaded from or downloaded to your network. These reports can also be exported in csv, xml, or html formats.

Restricted Reporting Model to Limit Access to User Data

To address specific network policies or where local laws may be more restrictive, a Restricted Reporting Model of the CopySense Appliance is available that limits reporting of IP addresses and user data. (Use of other appliance features may be limited with this model.)

Scalable Platform

The CopySense Appliance can scale to the capacity of your network. Actual configurations and specifications are dependent on specific bandwidth requirements. Please contact your Audible Magic representative for the appropriate configuration suited to your network requirements.