SAFEMEDIA CORP

PEER-TO-PEER DISAGGREGATOR™ TECHNOLOGY

Stop Contaminated P2P Network Threats

Peer-To-Peer Disaggregator (P2PD) is the culmination of a unique set of technologies developed by SafeMedia Corporation that effectively ends broad scale contaminated P2P file sharing. By preventing user upload and download to and from contaminated P2P networks (networks which contains illegal digital files), P2PD drains those networks of content and reduces their appeal and use effectively eliminating them as sources of illegally obtained digital files.

P2PD is accurate, scalable, robust, and drops all contaminated P2P network traffic whether encrypted or not while allowing the unimpeded passage of all uncontaminated traffic. This is accomplished at network speed and without invading user privacy.

Achieving these results required a new paradigm in system architecture encapsulating the total functionality of many advanced technologies and deploying a multi/hyper processing architecture created specifically for network operations, resulting in far higher, scalable processing capacity

A culmination of a unique set of technologies, SafeMedia's solutions provide the following benefits:

- Cost effective, zero installation, and pro-active protection against contaminated P2P networks
- Safely drops all contaminated P2P network traffic
- Reduces network bandwidth consumption
- Does not compromise user privacy
- Eliminates the risk of inadvertently disclosing classified national security information or confidential personal and business information associated with the use of contaminated P2P networks
- Eliminates the risk of viruses, Malware and spyware associated with the use of contaminated P2P networks
- Zero administration – automatically updates itself when needed and is self healing
- No discernable network latency impact

P2PD is based upon the following breakthrough technologies:

ADAPTIVE FINGERPRINTING AND DNA MARKERS: SafeMedia's library of all P2P clients and protocols is the world's largest and most current library of P2P fingerprints and DNA markers and is constantly updated. P2PD looks for fingerprints and DNA markers in outgoing and incoming packets and depending upon identity strength, employs three levels of analysis. In the few cases where fingerprints alone are insufficient, P2PD actually combines DNA marker evidence from multiple packets using stored evidence history from the intelligent libraries.

ADAPTIVE NETWORK PATTERNS: Not all protocols can be easily identified with a single set of packets. As such, P2PD is set to monitor packet flows and adapt its processing technique based on what it has already seen and what it sees now. This extensible system utilizes a technique called experience libraries. P2PD looks for patterns

of certain identifiable characteristics of network events and determines if the packets are contaminated or non-contaminated. Contaminated packets are dropped and non-contaminated packets continue on their way.

INTELLIGENT LIBRARIES: SafeMedia's experience libraries are knowledge-based and created from the actual operations of the clients and include specific fingerprints/DNA markers in addition to the adaptive network patterns.

REMOTE UPDATE AND SELF-HEALING: All maintenance and integrity checks, sanity checks, system housekeeping, and self-defense are remotely performed through SafeMedia's servers with minimal delay in network operation.

P2PD technologies provide the foundation to implement the following advanced features:

NO INVASION OF USER PRIVACY: P2PD detection does not invade user privacy, never captures or records user IPs, does not decrypt any traffic, and allows the execution of all current security techniques (Tunneling, SSH etc.).

ACCURACY: P2PD is fully effective at forensically discriminating between contaminated and non-contaminated P2P traffic with no false positives (i.e., identifying another protocol as the targeted protocol) whether encrypted or not.

SPEED: P2PD operates at network speed with little or no latency.

SCALABILITY: P2PD has the ability to protect a network as it grows from 10MB to 10GB and high availability clustered units.

(See the P2PD Product Line brochure for additional information.)

About Us

SafeMedia, a Florida corporation was founded by Mr. Safwat Fahmy in October 2003. The SafeMedia Corporation mission is to provide an effective, cost efficient and easily implemented preventive solution to the unresolved issues of national security breaches, identity theft and the massive theft of copyrighted digital materials associated with the use of contaminated peer-to-peer networks.

FOR MORE INFORMATION
For more information about SafeMedia and P2P Disaggregator™ technology visit www.safemediacorp.com/ disaggregator.

CLOUSEAU NETWORK SECURITY   **SAFE** DSL™   **SAFE** CABLE™

SAFEMEDIA CORP

SafeMedia Corporation
6531 Park of Commerce Blvd., Suite 180
Boca Raton, FL 33487
P: 561.989.1934
F: 561.989.1937
www.safemediacorp.com

Peer-to-Peer Disaggregator™ technology is a registered trademark of SafeMedia Corporation