

PixAlert Auditor

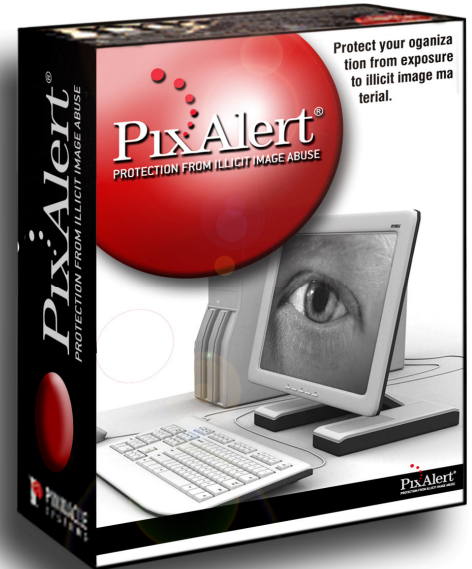
Detecting and Managing Illicit Image Abuse



The Image Issue

It is mistakenly assumed by business leaders that firewalls and anti-spam solutions will stop all illicit material entering and being distributed across the corporate network. The reality is that almost all organizations, large or small, have illicit image content residing on and being distributed over their networks.

Digital pornography in the workplace is an important issue with major implications for corporations. It affects employee's efficiency, morale, and disrupts the smooth running of the business. More worryingly, it can have serious and damaging effects on corporate reputation.



Key Features

- **Accuracy** - uses the most advanced and accurate image analysis algorithms available to detect pornography in over 150 different file type;
- **Coverage** - no other software can detect inappropriate images on PCs, File Servers and Corporate Email Servers;
- **Agentless** - connects to all network resources from an audit PC; there is no need to install software on target machines or servers;
- **Movies** - PixAlert Auditor also scans movie files for adult content;
- **Microsoft Office** - scans all Microsoft Office documents for inappropriate image content;
- **Email** - analyzes images in emails including Microsoft Outlook, Microsoft Exchange, Novell GroupWise and Lotus Notes;
- **Compressed files** - scans ZIP, RAR and other compressed files;
- **Comprehensive Reports** - 19 different reports which can be generated as Microsoft Word, Comma Separated Variable or XML files.

PixAlert Auditor

PixAlert Auditor™ is the most advanced software solution available to help organizations quickly determine the level of risk associated with pornographic images inside the corporate network.

PixAlert Auditor scans PCs, File Servers and Email accounts looking for pornographic images and video clips. PixAlert Auditor:

- **Analyzes** - images and video in over 100 file types including Microsoft Office® documents, compressed (Zipped) files and in emails (including Microsoft Exchange®, Microsoft Outlook®, Novell GroupWise® and Lotus Notes®) and reports suspect content;
- **Classifies** - suspect images automatically from a database of known illicit images and allows other illicit images to be added by the IT Auditor;
- **Logs** - multimedia files such as MP3s, MP4s and other popular audio and video formats;
- **Reports** - comprehensively, using up to 19 different auto-generated report types, with the option to report anonymously in order to protect suspects' identities until appropriate action has been decided.

Features and Specifications

Image Analysis Engine

PixAlert Auditor uses state-of-the-art image analysis algorithms which are tuned to identify pornographic images. PixAlert Auditor analyses each image using the following 7 image algorithms to build a statistical likelihood of inappropriateness:

- Body;
- Face;
- Background;
- Foreground;
- Luminosity;
- Edge;
- Texture.

Black Lists and White Lists

White list: If a benign image is repeatedly displayed as a suspect image, an auditor can simply add the image to the 'white list'. During future scans, images scanned which match images on the white list will not be identified as suspect by the Image analysis engine.

Black List: PixAlert Auditor ships with a database of thousands of known pornographic image signatures. Once an illicit image has been classified by the IT Auditor it can also be added to the black list such that if PixAlert Auditor encounters the same image again it will be automatically added to the case file.

PixAlert Auditor System Requirements

PixAlert Auditor is designed to run from PCs. The minimum hardware and operating system requirements detailed below refer to the auditing computer and are NOT a requirement for target computers whose files systems are being audited.

PixAlert Auditor Hardware Requirements

- Desktop PC;
- 512MB RAM;
- 1 GB free disk space.

Operating System Requirements

- MS Windows® 2000 Professional SP2;
- MS Windows® XP Professional;
- MS Windows 2003 Server.

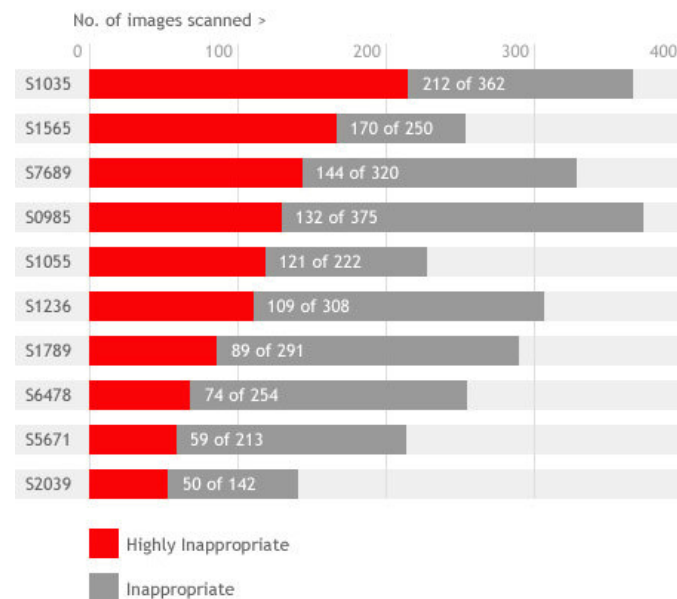
PixAlert Auditor scans

- Microsoft Windows® operating systems;
- Unix / Linux operating systems;
- Novell Netware;
- Microsoft Exchange, Lotus Notes, Novell GroupWise;
- Citrix Servers.

Reporting Module

PixAlert's reporting module is capable of automatically generating 19 different types of report including:

- Master overview report;
- Top 25 offenders;
- Email source and destinations;
- Email content report;
- URL source;
- Audit score card;
- Clean shares;
- Image details;
- Frequency of images;
- Frequency of owners;
- Image source analysis;
- PowerPoint and Word details;
- Severity analysis by description;
- Severity analysis summary;
- Share alias list;
- Owner alias list;
- Summary file sizes;
- Image summary;
- Image blacklist.



Example 'top offenders' chart from auto-generated reports

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