



## Vericept Monitor for Education

*A Monitoring Tool for Enabling Compliance, Data Privacy, and Acceptable Use*

### Overview

The Internet offers unprecedented value for students, teachers, researchers, and administrators. It opens up a new world of ideas, promotes teachable moments, and encourages creativity, imagination, and critical thought. However, it also presents unprecedented risk and exposure for both students and schools. Network security and information technology professionals in K12 face the daunting challenge of managing an increasingly complex array of Internet traffic, including peer-to-peer (P2P) file sharing, instant messaging, email, web-based email, blogs, and more. At the same time, they must comply with federally mandated privacy protection such as the Family Education Right to Privacy Act (FERPA), Children's Internet Protection Act (CIPA), Health Insurance Portability and Accountability Act (HIPAA), and Personally Identifiable Information (PII).

### The Problem

As more and more inappropriate content is available on the Internet and as rogue protocols continue to multiply, it is increasingly difficult to maintain a safe school environment. Unfortunately, point protocol blocking solutions are no longer enough. Ineffective visibility to Internet communications such as instant messaging, chat rooms, social networking sites, blogs, and peer-to-peer traffic can put a school at risk of data breaches, hostile workplace litigation, downloads of copyrighted materials, or even worse – harm to students, faculty, and staff.

### Would you know if...

- ▶ Student records were being sent in clear text as in a web-based mail message?
- ▶ Your district's benefits administrator accidentally exposed your entire employee base to identity theft through careless handling of an Excel spreadsheet?
- ▶ Students used remote proxy servers to bypass your Internet filter and get to social networking sites?
- ▶ A teacher was circumventing your filter to engage in illicit activity or to run a side business during school hours?
- ▶ Students were using district computers to anonymously bully other students or send bomb threats?

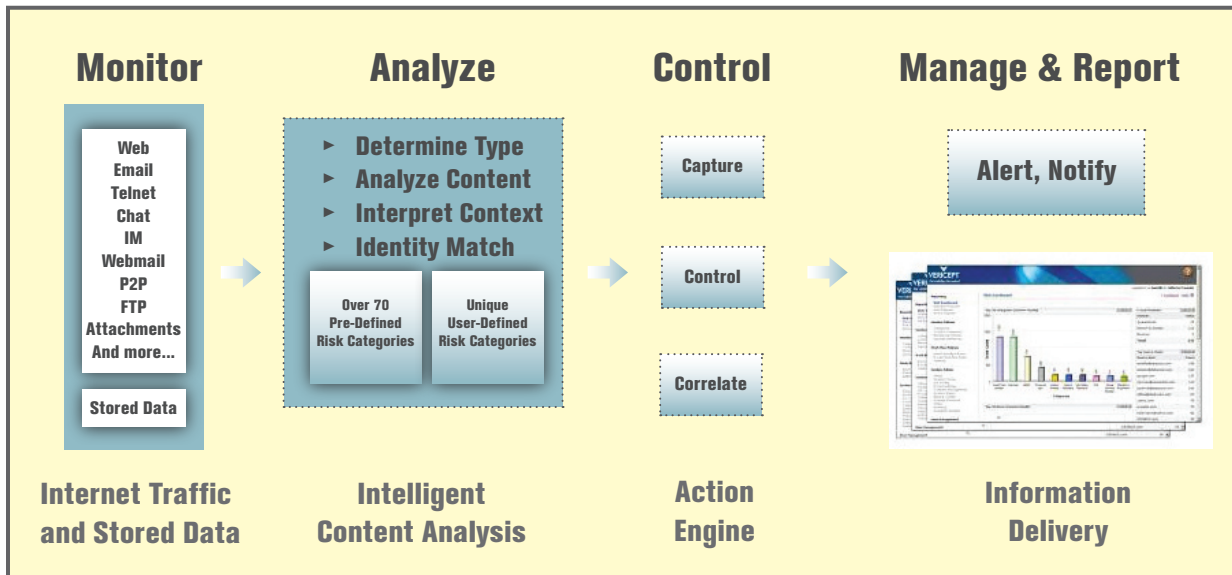
### The Impact on Your Organization

Due to the frequency at which schools are targets of lawsuits and the issue of federal mandates such as FERPA, CIPA, HIPAA, and PII, the legal and financial exposure to schools is now as great as it is for publicly-traded companies. Gaining visibility to inappropriate patterns of online behavior through the implementation of intelligent content monitoring will allow school districts to preempt and prevent online threats to an institution's network security, bandwidth performance, and Acceptable Use Policies.

# Is Your School District Adequately Protected from Online Threats?

Vericept Corporation, the leading provider of comprehensive compliance and data loss prevention solutions, is committed to providing school districts with safe and secure online environments. Our solutions provide effective content monitoring and filtering capabilities that reduce risks while empowering students and teachers to access the information they need for success.

## Vericept Monitors, Analyzes, Controls and Reports on Insider Risk



## Acceptable Use Policies

Hosts (From or To): 193.60.2

Accounts (From or To): ANY

Sort By: Date/Time  
 Ascending  
 Descending

Query Results:

Listing 1-100 of 605

Date/Time	Category	Reviewer	Priority	State	Case
2006-02-08 01:57:08 PM EST	Resignation	unassigned	1	NEW	
From Acct: From Host: jobsearch.usajobs.opm.gov To Acct: To Host: 193.60.2					
2006-02-08 01:55:27 PM EST	Resignation	unassigned	1	NEW	
From Acct: From Host: jobsearch.usajobs.opm.gov To Acct: To Host: 193.60.2					
2006-02-08 01:53:55 PM EST	Resignation	unassigned	1	NEW	
From Acct: From Host: jobsearch.usajobs.opm.gov To Acct: To Host: 193.60.2					
2006-02-08 12:28:33 PM EST	Resignation	unassigned	1	NEW	
From Acct: From Host: www.google.com To Acct: To Host: 193.60.2					
2006-02-07 11:11:08 AM EST	Blog	unassigned	1	VIEWED	
From Acct: From Host: 193.60.2 To Acct: To Host: www.123greetings.com					
2006-02-07 11:11:08 AM EST	Web & Blog Postings	unassigned	1	NEW	
From Acct: From Host: 193.60.2 To Acct: To Host: www.123greetings.com					
2006-02-07 11:10:45 AM EST	Blog	unassigned	1	VIEWED	
From Acct: From Host: 193.60.2 To Acct: To Host: www.123greetings.com					

This employee had 605 violations that include the following categories:

- Shopping - 580
- Resignation - 9
- Web and Blog Postings - 5
- Sports - 2
- Streaming Media - 2
- Adult - 1
- Substance Abuse - 24

This indicates a clear pattern of malicious behavior.

# Hacker Activity

This is a hacker discussion board which was not blocked by the URL filter. An individual is inquiring about how to key log someone through e-mail. The user wants to circumvent the filter in order to use Yahoo Mail.

Time of Event: 2007-05-11 08:08:40 AM PDT  
 Categories: Hacker Research  
 From: forums.hackerheaven.com  
 To: 165.199.5.192

GET /archive/index.php?t-9456.html HTTP/1.0  
 Via: 1.0 PROXY  
 User-Agent: Mozilla/4.0 (compatible; MSIE 6.0; Windows NT 5.1; SV1; NET CLR 1.1.4322)  
 Host: forums.hackerheaven.com  
 Accept: image/gif, image/x-bitmap, image/jpeg, application/x-shockwave-flash, application/vnd.ms-excel, application/vnd.ms-powerpoint, application/msword, \*/\*  
 Referer: http://www.google.com/search?q=hacking+tricks+accounts&hl=en&safe=active&start=290&ranM=index.php/t-9456.html

Hacker Heaven Security Forums > Public Forums > Public Chat > I will answer any hacking questions here..  
 View Full Version : [I will answer any hacking questions here..](#)

can u tell me how to keylog someone by email ? thx u =>

hi i am trying to get access to admin account at these page, http://ampilaguna.com/admin/login.asp is any program that can help me

Unregistered  
 I am trying to find crack to astro flash creator Version 1.21 can u help

Iviteila  
 Hi, I'm looking for an activation key for an Ringo (Palm Treo Software to use with mp3). can some body help me. PD: Sorry my english it's not my language. :)

Jesus\_rox  
 plz tell me how to hack this site http://christianpenpale.com/

Kitz E Kat  
 Looks like a Radical Ed post to me Phoenix :-)  
 fisherprice.com may be the best place to start

tuongkinhquoc  
 [QUOTE=Unregistered]i am trying to find crack to astro flash creator Version 1.21 can u help[/QUOTE]  
 HELPPPPPPPPPP ME I also need the serial for this soft. 24/02 is my friend's birthday. I can't send her a flash with UNREGISTERED WARNING.

UrBaNa^  
 What about one of these tools here  
 http://www.flash2me.com/download/  
 No one is going to give you a serial for that tool nor will crack it for you.

Cead\_Pile\_Faite  
 Can you tell me how to get past a block that the State Department of Education put up on yahoo email

# Data Privacy

Time of Event: 2006-03-10 11:37:40 AM MST  
 Categories: Social Security Number, PHI  
 From: 10.101.69.59  
 Content-type: text/html; charset=utf-8

ATTACHMENTS

URL: http://www. [redacted] /webacc

INDIVIDUALIZED EDUCATION PROGRAM School Year: 2006-07 ( ) Includes ESY Session: (Please check (x) if ESY services are included)

IDENTIFYING INFORMATION	
Student's Name	School
Social Security Number/MSIS ID Number	District
428-71- [redacted]	Municipal
Date of birth (month/year)	Grade
[redacted]	Grade
Mother's Name	Phone Number
[redacted]	[redacted]
Father's Name	Date of Current Eligibility Certification
[redacted]	5/15/03
Address	SLD/US: Articulation & Language
[redacted]	[redacted]

SUMMARY OF PERFORMANCE IN THE CURRENT EDUCATIONAL PROGRAM (Levels of performance should reflect how the student's disability affects involvement and progress in the general curriculum. For preschool children, reflect how the child's disability affects participation in appropriate activities.)

ARFA SUMMARY OF PRESENT LEVEL(S) OF PERFORMANCE

Articulation Robert [redacted] a 14-year-old male who has a long history of speech/language deficits. He wears bilateral hearing aids and his last hearing evaluation was on September 4, 2004. Robert exhibited 88% aided word discrimination at 50dB at that time. Robert consistently wears his hearing aids, however, he continues to exhibit a number of speech-sound errors. Most significant are final consonant and unstressed syllable deletion.

This is an example of a Family Education Right to Privacy Act (FERPA) violation – an e-mail attachment sent in clear text to an out of the district network. This puts the district at risk of losing eRate funding and exposes the student to the risk of identity theft.

This is a pervasive problem for most school districts. Vericept can provide immediate visibility allowing your district to address broken processes and security awareness training.

# Anonymous Web Proxies

MySpace en Español | International | Help | Sign Up

MySpace | People | Web | Music | Music Videos | Blogs

Home | Browse | Search | Invite | Film | Mail | Blog | Favorites | Forum | Groups | Events | Videos | Music | Comedy | Classifieds

## Unblock MySpace - How to get to MySpace from School

Lately, we have been receiving a lot of request and questions on how to unblock a school blocking MySpace. These students are looking for help in by-passing their school's filtering of the MySpace domain. Most visitors will do a search on Google, with the terms MySpace Blocked.

I thought I'd share three possible ways of by passing a schools filtering and blocking MySpace.com.

1) The first way to un-block MySpace is by using a Web browser proxy.  
 Here is a small list of web browser proxy sites:  
<http://www.ibypass.org/>  
<http://www.ipzap.com/>

Posted by: Squeaky | May 11, 2007 5:36 AM  
 Hey, wat up evrybody so im in skewl and i want 2 get into Myspace but i canto so pliz fix it!!!!!!!!!!!!

Posted by: L@C@n9ri | May 11, 2007 12:11 PM  
 try this <http://www.usbrowser.com>

Despite the best efforts of virtually every school district to block social networking sites, students often find a way to circumvent URL filters.

Here is a discussion Vericept captured describing how to use an anonymous Web proxy to get to my space.

Vericept can identify not only discussions around how to do it, but will also show when SSL web proxies are being used, allowing you to take action.

## Vericept Monitor

Vericept introduces the next generation of Vericept Monitor. Vericept Monitor is an ideal solution for educational institutions looking to detect inappropriate Internet activity and content. Using unparalleled intelligent content analysis, Vericept Monitor enforces network acceptable use policies (AUP) in order to provide a safe learning environment for students and staff. The solution is uniquely designed to protect school communities and complies with federal regulations such as the FERPA, CIPA, HIPAA, and PII.

Based on the patent-pending Intelligent Content Control Engine™, the Vericept Monitor solution exceeds keyword searches and pattern-matching by reading the content, understanding the context, and analyzing the structure of all Internet-based communication and attachments, regardless of protocol or channel. This includes email, Web traffic, IM, P2P file sharing, chat rooms, blogs, Web postings, FTP, and Telnet. This kind of content detection provides school security teams with the visibility and proof-positive evidence necessary to:

- ▶ Enforce compliance, data privacy, and acceptable use policies
- ▶ Protect districts from liability associated with Internet-based lawsuits
- ▶ Identify plagiarism, substance abuse, cyber-bullying, and other K12 issues
- ▶ Support federally mandated eDiscovery rules in the event of legal action
- ▶ Maintain a safe academic environment
- ▶ Gain full visibility to impending network threats



Vericept Monitor contains over 70 pre-defined risk categories designed to instantly identify, capture, and correlate threats to your organization's integrity. These risk categories include adult content, conflict, gambling, games, hacker research, peer-to-peer file sharing, plagiarism, gangs, violence, and many more. By analyzing and reporting on these areas of concern, school districts can take corrective action and eliminate threats before serious damage occurs.

## Why Vericept?

Vericept Corporation is the leading provider of comprehensive compliance and data loss prevention solutions. Vericept mitigates internal risk by providing enterprise-wide discovery, classification and prevention of the information exchanged inside and outside an organization. Vericept's patent-pending classification suite delivers the highest degree of accuracy and lowest instance of false positive events available in the marketplace. Only Vericept offers comprehensive solutions for data at rest, data in motion, and data in use at the endpoint, providing visibility and control of sensitive data across all forms of traffic, including email, webmail, IM, P2P, and FTP.

Vericept's technology is deployed in over 800 organizations worldwide and protects billions of pieces of communication every day. Vericept is a privately held company with major operations in Waltham, MA and Denver, CO.

**Contact us to learn more about the Vericept Platform at 800-262-0274  
or email us at [info@vericept.com](mailto:info@vericept.com).**

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## Turnkey Risk Categories

Vericept's Acceptable Use Categories/Education provides analysis and reporting in the following predefined areas of concern:

- Adult
- Conflict
- Gambling
- Games
- Gangs
- Hacker Research
- Peer-to-Peer File Sharing
- Plagiarism
- Racism
- Shopping
- Sports
- Substance Abuse
- Trading
- Violent Acts
- Weapons

## Vericept Monitor Features

- Patent-pending Intelligent Content Analysis Engine™
- Identity Match – tying content and users together
- Web-based interface
- Robust reporting, including:
  - Granular reports capturing the actual content, username, IP address, time and date
  - Summarized reports by user, date or date range, category
  - Executive-level reports with summaries and graphs
- Immediate alerting and notification capability
- Flexible user management and policy setting

**Vericept Corporation**

800.262.0274 [www.vericept.com](http://www.vericept.com)