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Facebook scans private messages to inflate the "Like" counter on websites | Naked Security

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no .. its not like what you are thinking, its because of java-script used by the website on that page. I have tested it on 4 website, but website having same java-script code of Facebook likes gets incremented while which does not , it remain same as it is. So there is no risks of reveal of private messages,

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About the author

I've been writing about technology, careers, science and health since 1995. I rose to the lofty heights of Executive Editor for eWEEK, popped out with the 2008 crash, joined the freelancer economy, and am still writing for my beloved peeps at places like Sophos's Naked Security, CIO Mag, ComputerWorld, PC Mag, IT Expert Voice, Software Quality Connection, Time, and the US and British editions of HP's Input/Output. I respond to cash and spicy sites, so don't be shy.

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Consumer

Your Private Facebook Messages Aren't So Private: Shared Links Count Towards 'Like' Data

Greg Finn on October 3, 2012 at 9:33 am

See that "Like" button just above this sentence? The majority of folks think that the number displayed is made up of all those who've actually "liked" this article. It's not the case however — the Like button is an aggregate score from a variety of Facebook actions, including links shared within private messages.



[TheNextWeb](#) uncovered a bug last week that was actually providing two Likes for data shared privately. Facebook did confirm that the issue of double counts was a bug, but did also confirm that shared messages do count towards the overall "like" data. In fact the [Facebook Developers page](#) clearly states the following about Like buttons:

The number shown is the sum of:

- The number of likes of this URL
- The number of shares of this URL (this includes copy/pasting a link back to Facebook)
- The number of likes and comments on stories on Facebook about this URL
- The number of inbox messages containing this URL as an attachment.

The fact that private shares gave an endorsement (even if an anonymous one) drew a bit of an uproar. What if users were sharing a link of a product that they didn't like? Well, it will still be counted as a "like." In fact every time that a link is privately it counts as an additional Like on the Like button. Facebook gave TheNextWeb the following statement on the private message "likes:"

Absolutely no private information has been exposed and Facebook is not automatically Liking any Facebook Pages on a user's behalf.

Many websites that use Facebook's 'Like', 'Recommend', or 'Share' buttons also carry a counter next to them. This counter reflects the number of times people have clicked those buttons and also the number of times people have shared that page's link on Facebook. When the count is

increased via shares over private messages, no user information is exchanged, and privacy settings of content are unaffected. Links shared through messages do not affect the Like count on Facebook Pages.

We've reached out to Facebook for more data on the Like button. For more information see [TheNextWeb](#).



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ABOUT THE AUTHOR



Greg Finn



Greg Finn is the Director of Marketing for Cypress North, a company that provides world-class social media and search marketing services and web & application development. He has been in the Internet marketing industry for 10+ years and specializes in Digital Marketing. You can also find Greg on Twitter (@gregfinn) or LinkedIn.

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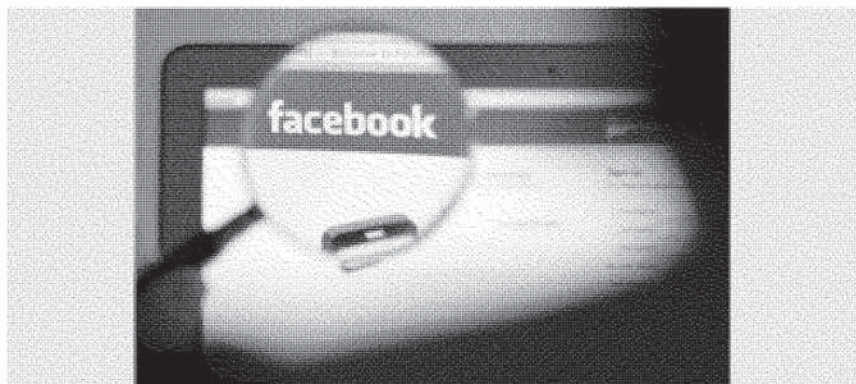
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Social networks scan for sexual predators, with uneven results

SAN FRANCISCO | BY JOSEPH MENN



In this photo illustration, a Facebook logo on a computer screen is seen through a magnifying glass held by a woman in Bern May 19, 2012.
REUTERS/THOMAS HOEDEL

(Reuters) - On March 9 of this year, a piece of Facebook software spotted something suspicious.

A man in his early thirties was chatting about sex with a 13-year-old South Florida girl and planned to meet her after middle-school classes the next day.

Facebook's extensive but little-discussed technology for scanning postings and chats for criminal activity automatically flagged the conversation for employees, who read it and quickly called police.

Officers took control of the teenager's computer and arrested the man the next day, said Special Agent Supervisor Jeffrey Duncan of the Florida Department of Law Enforcement. The alleged predator has pleaded not guilty to multiple charges of soliciting a minor.

"The manner and speed with which they contacted us gave us the ability to respond as soon as possible," said Duncan, one of a half-dozen law enforcement officials interviewed who praised Facebook for triggering inquiries.

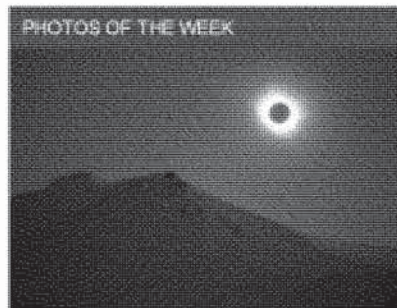
Facebook is among the many companies that are embracing a combination of new technologies and human monitoring to thwart sex predators. Such efforts generally start with automated screening for inappropriate language and exchanges of personal information, and extend to using the records of convicted pedophiles' online chats to teach the software what to seek out.

Yet even though defensive techniques are now available and effective they can be expensive. They can also alienate some of a site's target audience -- especially teen users who expect more freedom of expression. While many top sites catering to young children are quite vigilant, the same can't be said for the burgeoning array of online options for the

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13- to 18-year-old set.

"There are companies out there that are doing a very good job, working within the confines of what they have available," said Brooke Donahue, a supervisory special agent with an FBI team devoted to Internet predators and child pornography. "There are companies out there that are more concerned about profitability."

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THE SMARTPHONE FACTOR

Two recent incidents are raising new questions about companies' willingness to invest in safety.

Last month the maker of a smartphone app called Skout, designed for flirtation with strangers in the same area, admitted its use had led to sexual assaults on three teenagers by adults. The venture-backed firm had not verified that users of its now-shuttered teen section were under 20, giving predators easy access.

Also in June, a teen-oriented virtual world called Habbo Hotel, which boasts hundreds of millions of registered users, temporarily blocked all chatting after UK television reported that two sex predators had found victims on the site and that a journalist posing as an 11-year-old girl was bombarded with explicit remarks and requests that she disrobe on webcam.

Former employees said site owner Sulake of Finland laid off many in-house workers earlier this year, leaving it unable to moderate 70 million lines of daily chat adequately. Sulake said it had kept 225 moderators and is still investigating what went wrong.

The failures at Skout and Habbo shocked child-safety experts and technology professionals, who fear they will lead to a renewed panic about online safety that is not justified by the data.

By some measures, Internet-related sex crimes against children have always been rare and are now falling (as are reports of assaults on minors that do not involve the Net). Most sex crimes against children are committed by people the children know, rather than strangers.

The National Center for Missing and Exploited Children processed 3,638 reports of online "enticement" of children by adults last year, down from 4,053 in 2010 and 5,759 in 2009.

Even those companies with state-of-the-art defenses spend far more time trying to stop online bullying and attempts to sneak profanity past automatic word filters than they do fending off sex predators.

Still, as the Skout case showed, there are several recent trends that have heightened the concerns of child-safety experts: the rise of smartphones, which are harder for parents to monitor; location-oriented services, which are the darling of Net companies seeking more ad revenue from local businesses; and the rapid proliferation in phone and tablet apps, which don't always make clear what data they are using and distributing.

EXPENSIVE DEFENSES

A solid system for defending against online predators requires both oversight by trained

employees and intelligent software that not only searches for improper communication but also analyzes patterns of behavior, experts said.

The better software typically starts as a filter, blocking the exchange of abusive language and personal contact information such as email addresses, phone numbers and Skype login names. But instead of looking just at one set of messages it will examine whether a user has asked for contact information from dozens of people or tried to develop multiple deeper and potentially sexual relationship, a process known as grooming.

Companies can set the software to take many defensive steps automatically, including temporarily silencing those who are breaking rules or banning them permanently. As a result, many threats are eliminated without human intervention and moderators at the company are notified later.

Sites that operate with such software still should have one professional on safety patrol for every 2,000 users online at the same time, said Sacramento-based Metaverse Mod Squad, a moderating service. At that level the human side of the task entails "months and months of boredom followed by a few minutes of your hair on fire," said Metaverse Vice President Rich Weil.

Metaverse uses hundreds of employees and contractors to monitor websites for clients including virtual world Second Life, Time Warner's Warner Brothers and the PBS public television service.

Metaverse Chief Executive Amy Pritchard said that in five years her staff only intercepted something terrifying once, about a month ago, when a man on a discussion board for a major media company was asking for the email address of a young site user.

Software recognized that the same person had been making similar requests of others and flagged the account for Metaverse moderators. They called the media company, which then alerted authorities. Other sites aimed at kids agree that such crises are rarities.

NAUGHTY USERS, NICER REVENUES

Sites aimed at those under 13 are very different from those with large teen audiences.

Under a 1998 law known as COPPA, for the Children's Online Privacy Protection Act, sites directed at those 12 and under must have verified parental consent before collecting data on children. Some sites go much further: Disney's Club Penguin offers a choice of viewing either filtered chat that avoids blacklisted words or chats that contain only words that the company has pre-approved.

Filters and moderators are essential for a clean experience, said Claire Quinn, safety chief at a smaller site aimed at kids and young teens, WeeWorld. But the programs and people cost money and can depress ad rates.

"You might lose some of your naughty users, and if you lose traffic you might lose some of your revenue," Quinn said. "You have to be prepared to take a hit."

There is no legal or technical reason that companies with large teen audiences, like Facebook, or mainly teen users, such as Habbo, can't do the same thing as Disney and WeeWorld.

From a business perspective, however, there are powerful reasons not to be so restrictive, starting with teen expectations of more freedom of expression as they age. If they don't find it on one site, they will somewhere else.

The looser the filters, the more the need for the most sophisticated monitoring tools, like those employed at Facebook and those offered by independent companies such as the UK's Crisp Thinking, which works for Lego, Electronic Arts, and Sony Corp's online entertainment unit, among others.

In addition to blocking forbidden words and strings of digits that could represent phone numbers, Crisp assigns warning scores to chats based on multiple categories of information, including the use of profanity, personally identifying information and signs of grooming. Things like too many "unrequited" messages, or those that go unresponded to, also factor in, because they correlate with spamming or attempts to groom in quantity, as does analysis of the actual chats of convicted pedophiles.

The highest scores generate color-coded "tickets," with those marked red requiring the quickest response from moderators.

Facebook's software likewise depends on relationship analysis and archives of real chats that preceded sex assaults, Chief Security Officer Joe Sullivan told Reuters in the company's most expansive comments on the subject to date.

Like most of its peers, Facebook generally avoids discussing its safety practices to discourage scare stories, because it doesn't catch many wrongdoers, and to sidestep privacy concerns. Users could be unnerved about the extent to which their conversations are reviewed, at least by computer programs.

CATCHING ONE IN 10?

In part because of its massive size, Facebook relies more than some rivals on such technology.

"We've never wanted to set up an environment where we have employees looking at private communications, so it's really important that we use technology that has a very low false-positive rate," he said. In addition, Facebook doesn't probe deeply into what it thinks are pre-existing relationships.

A low rate of false positives, though, also means that many dangerous communications go undetected.

Some adults have used Facebook to target dozens of minors before assaulting one or more and then being identified by their victims or the victims' parents, court records show.

"I feel for every one we arrest, ten others get through the system," Florida's Duncan said of tips from Facebook and other companies.

Another pillar in Facebook's strategy is to limit how those under 18 can interact on the site and to make it harder for adults to find them. Minors don't show up in public searches, only friends of friends can send them Facebook messages, and only friends can chat with them.

The gaping hole in the defense of Facebook and many other sites popular with teens is that minors can easily make up a birth date and pretend to be adults -- and adults can pretend to be minors, as happened with Skout, which declined an interview request.

Technology is available for verifying the ages of Web and app users. One of the providers is Aristotle International Inc, which offers a variety of methods, including having a parent vouch for a child and make a token payment with a credit card to establish the parent's identity.

Yet even in the wake of the Skout disaster, no site aimed at minors has hired Aristotle for

age checks. "We could do real parental consent with 14-year-olds, but no one has asked," said Aristotle Chief Executive John Phillips.

Such checks would cost money and alienate teens who don't want their parents involved.

Barring a wave of costly litigation or new laws, it is hard to see the protections getting much tougher, experts said. Instead, the app and location booms will only add to the market pressure for more freedom on youth sites and greater challenges for parents.

"For every Skout that shuts down, there are ten more that popped up yesterday," said the FBI's Donahue. "The free market pushes towards permissiveness."

(Editing by Jonathan Weber and Prudence Crowther)



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Facebook Monitors Your Posts and Chats To Catch Sexual Predators

By Will Oremus



A poster is seen below a message board announcing Facebook's IPO price in Times Square in New York City on May 17.

Photo by Justin Sullivan/Getty Images

Ever wonder if Facebook is reading your posts? Well, it is—or, its computers are, at least. / if you say the wrong thing, you could be locked up.



WILL OREMUS

Will Oremus is *Slate's* senior technology writer. Email him at will.oremus@slate.com or follow him on Twitter.



That's the takeaway from a recent Reuters article, which recounted a case in

with a 13-year-old Florida girl for sex. From Reuters:

Facebook's extensive but little-discussed technology for scanning postings and chats for criminal activity automatically flagged the conversation for employees, who read it and quickly called police.

Officers took control of the teenager's computer and arrested the man the next day, said Special Agent Supervisor Jeffrey Duncan of the Florida Department of Law Enforcement. The alleged predator has pleaded not guilty to multiple charges of soliciting a minor.

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Facebook's chief security officer told Reuters that the company's monitoring software uses actual chats that led to sexual assaults to predict when another might occur. This is eerily similar to the hypothetical software I discussed in an article last month on whether police could arrest people based on suspicious-looking Google searches. I noted in the piece that while the idea might sound far-fetched, the technology already exists, and it might even be legal.

In Facebook's case, the scanning hasn't stirred outrage—probably because it seems to be focused on catching sexual predators. There are two reasons why online predators make sense as an initial target for automatic-monitoring algorithms. First, soliciting sex with a minor on the Internet is a crime in itself, not just a prelude to a crime (like, say, searching Google for ways to murder someone in their sleep). And second, sexual predators are unlikely to elicit much sympathy, so the public is more likely to tolerate intrusive means of nabbing them. Facebook is fighting creepy with creepy.

The key to the technology's success—from a public-opinion standpoint, and possibly from a legal standpoint—is avoiding false positives. Arresting an innocent person based on a Facebook chat would surely cause controversy. So according to the Reuters piece, Facebook dials down the algorithm's sensitivity, to minimize the chances of this happening.

It seems clear that this technology has the potential to do some good. But that shouldn't blind us to the fact that it represents a further erosion of our online privacy, one more serious than selling our personal information to advertisers.

Future Tense is a partnership of Slate, New America, and Arizona State University.

Facebook analyzes relationships and chats to flag up sexual predators

By [louisgoddard](#) on July 13, 2012 06:05 am



Facebook automatically scans posts and chat logs for criminal activity, using big data processing techniques similar to those used in targeting advertising to determine the most vulnerable users, according to a [new Reuters report](#) that explores combating pedophilia in social media. The social network's scanning tools use factors such as mutual friends, past interaction, distance and age difference — alongside simple phrase searches — to flag potentially nefarious

conversations for human moderators. They also rely on archives of previous conversations that are known to have led to sexual assaults, identifying patterns and searching for similar ones.

"WE USE TECHNOLOGY THAT HAS A VERY LOW FALSE-POSITIVE RATE."

Apparently keen to pre-empt the sorts of privacy concerns that have dogged Facebook in recent months, Chief Security Officer Joe Sullivan tells *Reuters* that "it's really important that we use technology that has a very low false-positive rate." He explains that "[w]e've never wanted to set up an environment where we have employees looking at private communications," stressing that the company's systems attempt to avoid flagging up long-standing personal relationships. A lot of the activity that Facebook refers to law enforcement is identified through its user reporting system, detailed in a [recent infographic](#).

Privacy issues aside, it would be practically impossible for human moderators to effectively trawl through the vast amount of data generated by more than 900 million users each day. Even much smaller sites such as Habbo Hotel are unable to provide effective human monitoring — lacking Facebook's automatic flagging technology, the site became embroiled in an embarrassing [pedophile scandal](#) last month, when a journalist posing as a 13-year-old girl was bombarded with sexually explicit messages.

Facebook limits interactions with under-18s, removing their profiles from public searches while restricting messaging to friends-of-friends and chat to friends only. Unfortunately, this doesn't solve the issue of users providing false ages, a problem which cuts both ways: while predatory adults are known to impersonate teens, children younger than 13 also frequently lie about their age to gain access to the site.

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Facebook scans chats and posts for criminal activity

Facebook's monitoring software focuses on conversations between members who have a loose relationship on the social network.

by Emil Protalinski @emilprotalinski / July 12, 2012 5:45 PM PDT



Facebook has added sleuthing to its array of data-mining capabilities, scanning your posts and chats for criminal activity. If the social-networking giant detects suspicious behavior, it flags the content and determines if further steps, such as informing the police, are required.



The new tidbit about the company's monitoring system comes from a [Reuters](#) interview with Facebook Chief Security Officer Joe Sullivan. Here's the lead-in to the Reuters story:

A man in his early 30s was chatting about sex with a 13-year-old South Florida girl and planned to meet her after middle-school classes the next day. Facebook's extensive but little-discussed technology for scanning postings and chats for criminal activity automatically flagged the conversation for employees, who read it and quickly called police. Officers took control of the teenager's computer and arrested the man the next day.

Facebook's software focuses on conversations between members who have a loose relationship on the social network. For example, if two users aren't friends, only recently became friends, have no mutual friends, interact with each other very little, have a significant age difference, and/or are located far from each other, the tool pays particular attention.

The scanning program looks for certain phrases found in previously obtained chat records from criminals, including sexual predators (because of the Reuters story, we know of at least one alleged child predator who is being brought before the courts as a direct result of Facebook's chat scanning). The relationship analysis and phrase material have to add up before a Facebook employee actually looks at communications and makes the final decision of whether to ping the authorities.

"We've never wanted to set up an environment where we have employees looking at private communications, so it's really important that we use technology that has a very low false-positive rate," Sullivan told Reuters. While details of the tool are still scarce, it's a well-known fact that Facebook cooperates with the police, since, like any company, it has to abide by the law. In fact, just a few months ago, Facebook complied with a police subpoena by sending over **62 pages of photos, Wall posts, messages, contacts, and past activity on the site for a murder suspect.**

For more information about Facebook's stance on working with the police, I

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checked out these two pages: [Law Enforcement and Third-Party Matters](#), as well as [Information for Law Enforcement Authorities](#). It's worth noting that neither of these documents discusses the aforementioned tool (a quick search for the words "monitor" and "scan" bring up nothing).

Facebook likely wants to avoid discussing the existence of the monitoring technology in order to avoid further privacy concerns. Many users don't like the idea of having their conversations reviewed, even if it's done by software and rarely by Facebook employees.

See also:

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- [Mark Zuckerberg: Facebook users eventually get over privacy anxiety](#)
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ABOUT THE AUTHOR



Emil Protalinski /

Emil is a freelance journalist writing for CNET and ZDNet. Over the years, he has covered the tech industry for multiple publications, including Ars Technica, Neowin, and TechSpot. [See full bio](#)

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Facebook Monitors Your Chats for Criminal Activity [REPORT]

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BY [ALEX FITZPATRICK](#)
[JUL 12, 2012](#)

[Facebook](#) and other social platforms are watching users' chats for criminal activity and notifying police if any suspicious behavior is detected, according to a report.

The screening process begins with scanning software that monitors chats for words or phrases that signal something might be amiss, such as an exchange of personal information or vulgar language.

The software pays more attention to chats between users who don't already have a well-established connection on the site and whose profile data indicate something may be wrong, such as a wide age gap. The scanning program is also "smart" — it's taught to keep an eye out for certain phrases found in the previously obtained chat records from criminals including sexual predators.

If the scanning software flags a suspicious chat exchange, it notifies Facebook security employees, who can then determine if police should be notified.

Keeping most of the scanned chats out of the eyes of Facebook employees may help Facebook deflect criticism from privacy advocates, but whether the scanned chats are deleted or stored permanently is yet unknown.

The new details about Facebook's monitoring system came from an interview which the company's Chief Security Officer Joe Sullivan gave to [Reuters](#). At least one alleged child predator has been brought to trial directly as a result of Facebook's chat scanning, according to Reuters' report.

When asked for a comment, Facebook only repeated the remarks given by Sullivan to Reuters: "We've never wanted to set up an environment where we have employees looking at private communications, so it's really important that we use technology that has a very low false-positive rate."

SEE ALSO: [State Law Requires Sex Offenders to List Status on Facebook](#)

Facebook works with law enforcement "where appropriate and to the extent required by law to ensure the safety of the people who use Facebook," according to [a page](#) on its site.

"We may disclose information pursuant to subpoenas, court orders, or other requests (including criminal and civil matters) if we have

a good faith belief that the response is required by law. This may include respecting requests from jurisdictions outside of the United States where we have a good faith belief that the response is required by law under the local laws in that jurisdiction, apply to users from that jurisdiction, and are consistent with generally accepted international standards.

"We may also share information when we have a good faith belief it is necessary to prevent fraud or other illegal activity, to prevent imminent bodily harm, or to protect ourselves and you from people violating our Statement of Rights and Responsibilities. This may include sharing information with other companies, lawyers, courts or other government entities."

Indeed, Facebook has cooperated with police investigations in the past. In April, [it complied](#) with a police subpoena from the Boston Police Department by sending printouts of wall posts, photos and login/IP data of a murder suspect.

Is Facebook doing a public service by monitoring chats for criminal behavior? Share your thoughts in the comments.

Image courtesy of [iStockphoto](#). [adventr](#)

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Your Facebook Chats Are Being Monitored, By Facebook

DOUG MATACONIS · FRIDAY, JULY 13, 2012 · 5 COMMENTS



Mashable is out with a report that **Facebook routinely monitors user chats for suspicious or criminal activity:**

Facebook and other social platforms are watching users' chats for criminal activity and notifying police if any suspicious behavior is detected, according to a report.

The screening process begins with scanning software that monitors chats for words or phrases that signal something might be amiss, such as an exchange of personal information or vulgar language.

The software pays more attention to chats between users who don't already have a well-established connection on the site and whose profile data indicate something may be wrong, such as a wide age gap. The scanning program is also "smart" — it's taught to keep an eye out for certain phrases found in the previously obtained chat records from criminals including sexual predators.

If the scanning software flags a suspicious chat exchange, it notifies Facebook security employees, who can then determine if police should be notified.

Keeping most of the scanned chats out of the eyes of Facebook employees may help Facebook deflect criticism from privacy advocates, but whether the scanned chats are deleted or stored permanently is yet unknown.

The news was first broken in a Reuters story that **describes one incident in which the software did in fact catch a child predator:**

(Reuters) — On March 9 of this year, a piece of Facebook software spotted

<http://www.outsidethebeltway.com/your-facebook-chats-are-being-monitored-by-facebook/>

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something suspicious.

A man in his early thirties was chatting about sex with a 13-year-old South Florida girl and planned to meet her after middle-school classes the next day.

Facebook's extensive but little-discussed technology for scanning postings and chats for criminal activity automatically flagged the conversation for employees, who read it and quickly called police.

Officers took control of the teenager's computer and arrested the man the next day, said Special Agent Supervisor Jeffrey Duncan of the Florida Department of Law Enforcement. The alleged predator has pleaded not guilty to multiple charges of soliciting a minor.

"The manner and speed with which they contacted us gave us the ability to respond as soon as possible," said Duncan, one of a half-dozen law enforcement officials interviewed who praised Facebook for triggering inquiries.

Facebook is among the many companies that are embracing a combination of new technologies and human monitoring to thwart sex predators. Such efforts generally start with automated screening for inappropriate language and exchanges of personal information, and extend to using the records of convicted pedophiles' online chats to teach the software what to seek out.

As it turns out, this is all covered in the company's **Privacy Policies:**

"We may disclose information pursuant to subpoenas, court orders, or other requests (including criminal and civil matters) if we have a good faith belief that the response is required by law. This may include respecting requests from jurisdictions outside of the United States where we have a good faith belief that the response is required by law under the local laws in that jurisdiction, apply to users from that jurisdiction, and are consistent with generally accepted international standards.

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It's hard to argue with what Facebook is doing here. Yes, there are some privacy concerns here, but Facebook is a private company and free to set its own policies on these issues. Additionally, it has a corporate brand to protect, not to mention the potential of liability, from being known as a place where parents can't be sure that their teenager children can be safe. Of course, one should also point out that parents should probably be more vigilant about keeping an eye on what their kids are doing online, especially when it is so easy for them to manipulate Facebook's settings to make it appear like they are older than they actually are.



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About Doug Mataconis

Doug holds a B.A. in Political Science from Rutgers University and J.D. from George Mason University School of Law. He joined the staff of OTB in May, 2010 and also writes at **Below The Beltway**.

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Comments

Franklin says:

Friday, July 13, 2012 at 09:26

At this point, there's really no reason for Facebook users to expect any privacy. Which is one of many reasons I don't use it.

Like or Dislike: 9 0

Ben says:

Friday, July 13, 2012 at 09:55

That privacy policy doesn't say anything about monitoring correspondence. All it says is that it will share information and respond to subpoenas. I don't think you could reasonably construe that privacy policy to say "we're monitoring everything you're doing and saying."

Like or Dislike: 4 0

bandit says:

Friday, July 13, 2012 at 11:48



Reality is that they have a transaction record of every message and they have it stored and available - 'monitoring' is probably reporting on key words - I think there's more than enough evidence that they're entirely good with passing this data along.

Like or Dislike: 3 0

al-Ameda says:

Friday, July 13, 2012 at 13:18



I know many young people who have significantly cut back their use of Facebook - they felt that they were ceding too much of their privacy to Facebook.

My youngest daughter (mid-twenties) says that Microsoft is the Evil Empire, Apple

is a Cult, and Facebook makes life difficult.

Like or Dislike: 4 0

Phillip says:

Friday, July 13, 2012 at 19:20

Ah, the joys of having never joined Facebook!

Like or Dislike: 3 0

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