We Gave You This Internet, Now Play By Our Rules

Gennie Gebhart & Bill Marczak
USE SIGNAL
USE TOR

BE CAREFUL WHAT YOU SHARE ON SOCIAL MEDIA

There is a cold, judgmental place in my heart for people who use "privacy" and "security" as interchangeable terms.

10:32 PM - 1 May 2017
111 Retweets 299 Likes

HOW YOUR PHONE NUMBER BECAME THE ONLY USERNAME THAT MATTERS

1 2 3
4 5 6
7 8 9
* 0 #
There is a cold, judgmental place in the heart for people who use "privacy" and "security" as interchangeable terms.
William R. Marczak* and Vern Paxson

Social Engineering Attacks on Government Opponents: Target Perspectives

Himaya
Himaya is a cloud-based platform for detecting targeted digital attacks.

BAHRAIN WATCH
Stop The Shipment of tear gas to Bahrain

VANITY FAIR
HOW A GRAD STUDENT FOUND SPYWARE THAT COULD CONTROL ANYBODY’S IPHONE FROM ANYWHERE IN THE WORLD
Assumption #1

Use Signal

Use Tor
PBS News Hour mentions Zello's key role in Turkey, Ukraine, and Venezuela's demonstrations:

Zello is the most important app for Venezuela and Ukraine

By Bill Moore on February 24, 2014

The past week Zello has been the #1 overall app in Venezuela and Ukraine – more popular than Facebook or any other app. Last year the same was true first in Turkey and later in Egypt.
Bahrain Police Intercept Zello 'Walkie-Talkie' App to Arrest 15 Activists

By Gianluca Mezzofiore
September 10, 2014 16:25 BST
"We're coming to get you ... one by one"
"We're coming to get you ... one by one"
The Austin, Texas-based app company Zello, which was co-founded in 2011 by CEO Bill Moore, responded to the monitoring group saying that the free version of the app is unencrypted but their full version is encrypted.
It looks like you're trying to send a voice message.
REMEMBER PUSH TO TALK?

INVENTORY MANAGEMENT
GPS SERVICES
COAST-TO-COAST WALKIE-TALKIE
The police are coming!

*CHIRP*

*CHIRP*

*CHIRP*

*CHIRP*

*CHIRP*

THE POLICE ARE COMING!
ASSUMPTION #2

BE CAREFUL WHAT YOU SHARE ON SOCIAL MEDIA
In Thailand, Facebook ‘Likes’ Can Land You in Jail

Posted 23 August 2013 4:23 GMT

“Liking” the wrong picture on Facebook can get you 32 years of prison in Thailand

By Kate Groetzinger

December 10, 2015

People in Thailand are going to jail for Facebook comments

By Ellen Pebier

August 3, 2016

BLACKOUT SERIES
ADVERSARIES

CAPABILITIES

MOTIVATIONS

ASSETS

RISK

THREATS

CONSEQUENCES
Motivations

Capabilities

Threats

RISK

Consequences
Adversaries

Threats

Risk
Adversaries

Threats
A UI change won't stop government repression.
Why is Facebook so useful to the junta? First, its insistence on a “real name-only” policy makes for easy tracking of dissidents. Even in cases where people successfully mask their names, their web of social connections makes them potentially easy to identify.
ASSUMPTION #3

HOW YOUR PHONE NUMBER BECAME THE ONLY USERNAME THAT MATTERS
POLICE CHECKPOINT, AL-QADAM VILLAGE
Bahraini government strips WhatsApp groups of privacy

Bahrain Center for Human Rights  10 March 2016  |  Also available in: العربية
"WE EMPHASIZE THE NEED TO ... NOT PUBLISH INFORMATION HARMING THE HOMELAND, THE MINISTRY, AND THE SCHOOLS. ALL LEGAL PROCEDURES WILL BE TAKEN AGAINST VIOLATORS."
We’ll prosecute WhatsApp group admins.
COUNTERMEASURES?
COUNTERMEASURES?

"PHONE NUMBER PRIVACY"
COUNTERMEASURES?

“PHONE NUMBER PRIVACY”

WhatsApp ++
1.6r-75

Author
UnlimApps Inc.
COUNTERMEASURES?

“PHONE NUMBER PRIVACY”

WhatsApp ++
1.6r-75
5559 kB

Author
UnlimApps Inc.

JAILBREAK
YOUR PHONE NUMBER IS YOUR USERNAME:

Retaliatory Verdicts against “WhatsApp” Group Dubbed as “Terrorist Cell”
YOUR PHONE NUMBER IS YOUR USERNAME:

Retaliatory Verdicts against “WhatsApp” Group Dubbed as “Terrorist Cell”

YOUR BROWSER IS YOUR USERNAME:

Your Children Already Know What They’re Getting for Christmas—Thanks, Internet
There is a cold, judgmental place in my heart for people who use "privacy" and "security" as interchangeable terms.
NO ONE HERE CARES ABOUT SECURITY.
Security

Go with MTN for ultimate security. We have security services that back-up anything you’ve stored on your phone. Never have to worry about lost contacts or documents anymore. We want you to have peace of mind, every time.

MTN Protect

Lost your phone? What if we told you that it could be traced? With MTN Protect, you can be sure that your phone’s content will be not be used inappropriately for whatever reason.

What do you get with MTN Protect?

Remotely locate your phone.

Lock your phone and display your info on the phone screen.

Activate unstoppable alarm on your phone.

Enable Front and Back camera to take a photo of the one in possession of your phone.

Erase all of your personal data on your device (contacts, calendar, messages, and images).

Phone Backup
Hi. I am looking for an add-on to block access to my site based on a visitors browser region. I get a bunch of crap visits from Ghana and I want to block all visitors from there. Any help appreciated.

From Webmaster World: “I am so fed up with these darn African fraudsters, is it possible to block african traffic by IP”

From a Unix security discussion group: “Maybe we could just disconnect those countries from the Internet until they get their scam artists under control”

From a Linux admin tips site: “I admin an [ecommerce] website and a lot of bogus traffic comes from countries that do not offer much in commercial value.”
Those Darn African Fraudsters
Hi. I am looking for an add-on to block access to my site based on a visitors browser region. I get a bunch of crap visits from Ghana and I want to block all visitors from there. Any help appreciated.

From Webmaster World: “I am so fed up with these darn African fraudsters, is it possible to block african traffic by IP”

From a Unix security discussion group: “Maybe we could just disconnect those countries from the Internet until they get their scam artists under control”

From a Linux admin tips site: “I admin an [ecommerce] website and a lot of bogus traffic comes from countries that do not offer much in commercial value.”
"Security" as shorthand for "whatever is most important to you online"
USE SIGNAL
USE TOR

BE CAREFUL WHAT YOU SHARE ON SOCIAL MEDIA

Eva @evacide

There is a cold, judgmental place in my heart for people who use "privacy" and "security" as interchangeable terms.
10:32 PM - 1 May 2017

111 Retweets 299 Likes

HOW YOUR PHONE NUMBER BECAME THE ONLY USERNAME THAT MATTERS

1 2 3
4 5 6
7 8 9
* 0 #
SO WHAT DO WE DO?
DON'T TRY TO TECH YOURSELF OUT OF A PROBLEM YOU DIDN'T TECH YOURSELF INTO...
...but don’t make it someone else’s problem either.
BE BROAD
MEET USERS WHERE THEY'RE AT
Thank you!
Any questions?
USE SIGNAL
USE TOR

BE CAREFUL WHAT YOU SHARE ON SOCIAL MEDIA

Eva @evacide

There is a cold, judgmental place in my heart for people who use "privacy" and "security" as interchangeable terms.

10:32 PM - 1 May 2017

111 Retweets 299 Likes

HOW YOUR PHONE NUMBER BECAME THE ONLY USERNAME THAT MATTERS