SOCIAL MEDIA AND LAW ENFORCEMENT ANALYSIS

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OBJECTIVES

- What is “Open Source”
- Types of social media
- How “Live-streaming” is changing how we analyze threats
- What are the legal considerations and best practices
A CHANGING SOCIETY

- Untapped wells of information
- What is “Open Source”
  - We are not the NSA
- Why does this matter?
The population of the United States is just under 400 Million.
Instagram
500+ million active users per month
95 million photos per day uploaded
4.2 billion likes per day
*Acquired by FB in 2012
(Source: Instagram  https://instagram.com/press/)

Facebook
1.79 billion active users per month
1.09 billion daily active users through mobile app
Launched “Facebook Live” on 04/06/16
(Source: http://newsroom.fb.com/company-info/)
Twitter
Over 1 billion total users
313 million active users per month
82% of active users on the mobile app
(Source: https://about.twitter.com/company)

Snapchat
Over 100 million daily active users
10+ billion videos viewed everyday
30% of Snapchat users are under 18
(Source: https://www.snapchat.com/ads)
Periscope
“Explore the world in real time through someone else’s eyes”
A live streaming app that removes the stream after 24 hours
More than 12 million users total / 350,000 hours of video streamed daily
(source: http://periscope.su/en/english-periscope-statistics/)

WhatsApp
800+ million active users
200+million voice notes shared daily
End-to-End Encryption
*Acquired by FB in 2014
(source: https://www.whatsapp.com/features/)
What is an emoji?
Deciphering emojis:
- emojisearch.com
- emojipedia.org
You can search Google, Instagram, Bing, and Yelp by emoji
VIDEOS AND LIVE-STREAMING

August 26, 2015 - The shooting deaths of News Reporter Alison Parker and cameraman Adam Ward

Offender (Williams) posted videos of the incident on Twitter from his go-pro camera.
June 12, 2016 - The Orlando Terrorist attack at Pulse nightclub

Before and during the incident, the offender (Mateen) posted his allegiance to ISIS and warned of attacks on Facebook.
VIDEOS AND LIVE-STREAMING

- October 25, 2016– Deaths of two Oklahoma Police Officers and the shooting of four others
  - Offender (Vance) Live Streams on FB Live before the incident and during the subsequent manhunt.
HOW CAN IT HELP OUR EFFORTS

- Not just for criminal activity
- Identifying associates
- Identifying witnesses
- Victim identification
LEGAL CONSIDERATIONS

ANTHONY D. ELONIS

“There’s one way to..."

That’s it, I’ve had about enough
I’m checking out and making a name for myself
Enough elementary schools in a ten mile radius
to initiate the most heinous school shooting ever imagined
And hell hath no fury like a crazy man in a kindergarten class
The only question is... which one?

you off in Toad Creek and made it look like a rape and murder.
about an hour ago. Comment. Like

If you discover something questionable:
- Document everything
- Notify law enforcement
- Here today – gone tomorrow
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