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# **Criminal Justice Subcommittee**

**Wednesday, November 6, 2019**

**9:30 AM– 12:00 PM**

**404 HOB**

**Meeting Packet**

# Committee Meeting Notice

## HOUSE OF REPRESENTATIVES

### Criminal Justice Subcommittee

**Start Date and Time:** Wednesday, November 06, 2019 09:30 am  
**End Date and Time:** Wednesday, November 06, 2019 12:00 pm  
**Location:** Sumner Hall (404 HOB)  
**Duration:** 2.50 hrs

Panel on Using Technology to Advance Public Safety and Privacy

**NOTICE FINALIZED on 10/30/2019 4:04PM by Collins.Lindsey**

## Criminal Justice Subcommittee

Wednesday, November 6, 2019

### Presenters

#### **Douglas Licker**

Lumina Analytics, Senior Vice President, General Counsel & Co-founder

Douglas Licker is a principal and co-founder of Lumina Analytics and serves as Senior Vice President and General Counsel for the company. Mr. Licker has over 30 years of legal, compliance, and operations expertise within multiple private and public companies. Mr. Licker is also a Managing Partner of Atlantic Merchant Capital Investors. Prior to Lumina, he served as Senior Vice President of Legal and Risk Management for Mortgage Contracting Services in Tampa, Florida. Mr. Licker received a Juris Doctor from Suffolk University Law School in Boston, Massachusetts, and a Bachelor of Arts from Bates College in Lewiston, Maine. He is also a member of the Massachusetts Bar.

#### **Jessica Dareneau**

Lumina Analytics, Vice President, Human Resources

Ms. Dareneau heads the human resources department of Lumina and manages all privacy matters. Prior to her employment with Lumina, Ms. Dareneau was an attorney with the law firm of Weekley Schulte Valdes, LLC, where she defended health care providers, insurance companies, individuals, and corporations in state and federal civil litigation and appellate matters. Ms. Dareneau received a Juris Doctor, cum laude, from Stetson College of Law in 2006 and a Bachelor of Arts from Flagler College in 2004.

#### **Dr. Russell Baker**

Psynetix Laboratories, CEO, Founder

Dr. Baker is a renowned expert in intelligence and profiling. As a counterterrorism expert for the Department of Defense, Dr. Baker initiated the automation of time-consuming military processes. Using similar processes, Dr. Baker founded Psynetix, a software-as-a-service (SaaS) platform that helps prevent school shootings, drug trafficking, and terrorism.

#### **Wayne A. Logan**

Professor of Law at Florida State University

Professor Logan teaches and writes in the areas of Criminal Law, Criminal Procedure, and Sentencing. He is the author or co-author of several books, including *Florida Search and Seizure Law* (LexisNexis, forthcoming 2020), and numerous book chapters and law review articles. His work appears in such publications as the *Georgetown Law Journal*, *Michigan Law Review*, and the *Pennsylvania Law Review*. He has taught criminal law and procedure courses for over two decades, the last 12 years at FSU Law. Before entering academia, Professor Logan clerked for the North Carolina Supreme Court and the U.S. District Court for the Eastern District of Virginia, and practiced law in Raleigh, North Carolina.



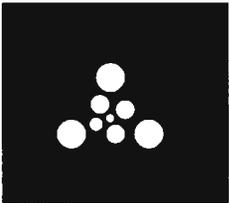


Our AI-powered Radiance technology finds the global risks and threats buried in publicly available, open source data added to the internet each day and provides actionable, meaningful intelligence to keep people and places safe and secure.



**Protecting What Matters Most**





# The internet is useful for everyone... including bad actors

**93%** of those who carry out a **mass violent attack** made threatening or concerning **communications prior** to mass violence, including on social media<sup>1</sup>

**75%** of terrorists used the **internet** to plan an **attack**<sup>2</sup>

**33%** of these individuals used **online resources** to prepare, searching for things like **bomb making instructions, poison manuals, and surveillance advice**<sup>2</sup>

1 National Threat Assessment Center  
2 Criminology & Public Policy



“The use of social media platforms [for] domestic threats...creates a demonstrated need for tools to properly identify the activity and react appropriately.”



United Nations

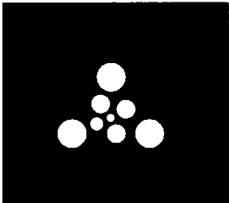
“The significant amount of knowledge about terrorist organizations’ activities on the internet can aid in counter-terrorism efforts. New technologies are helping proactively prevent, detect and deter terrorist attacks.”



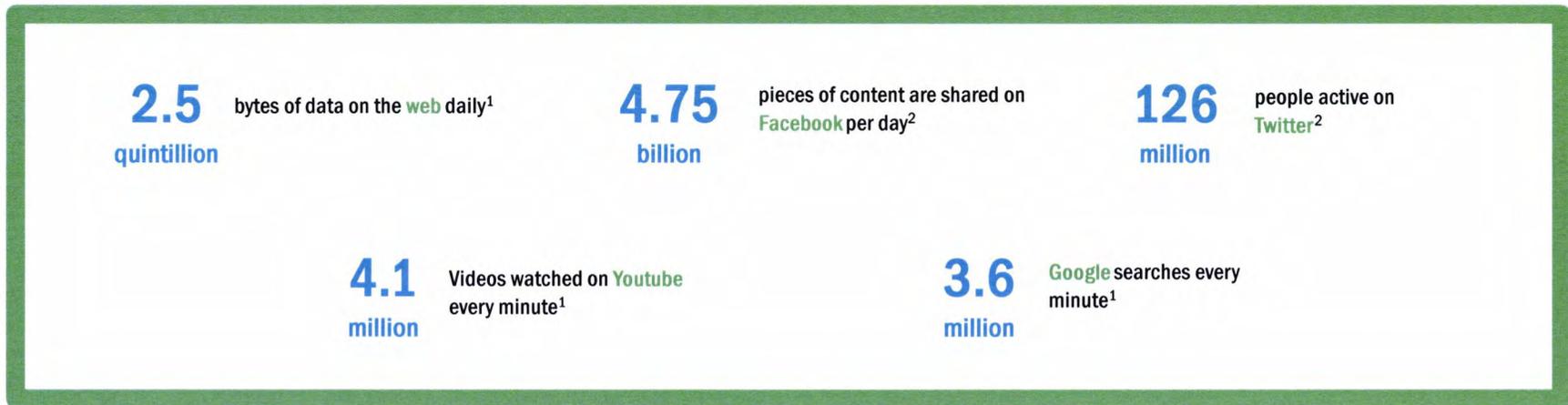
“Terrorists could...increase their use of online communications to reach new recruits and disseminate propaganda.”



“Technology will be a double-edged sword. On the one hand, it will facilitate terrorist communications, recruitment, logistics, and lethality. On the other, it will provide authorities with more sophisticated techniques to identify and characterize threats....”



# Finding the needle in the haystack

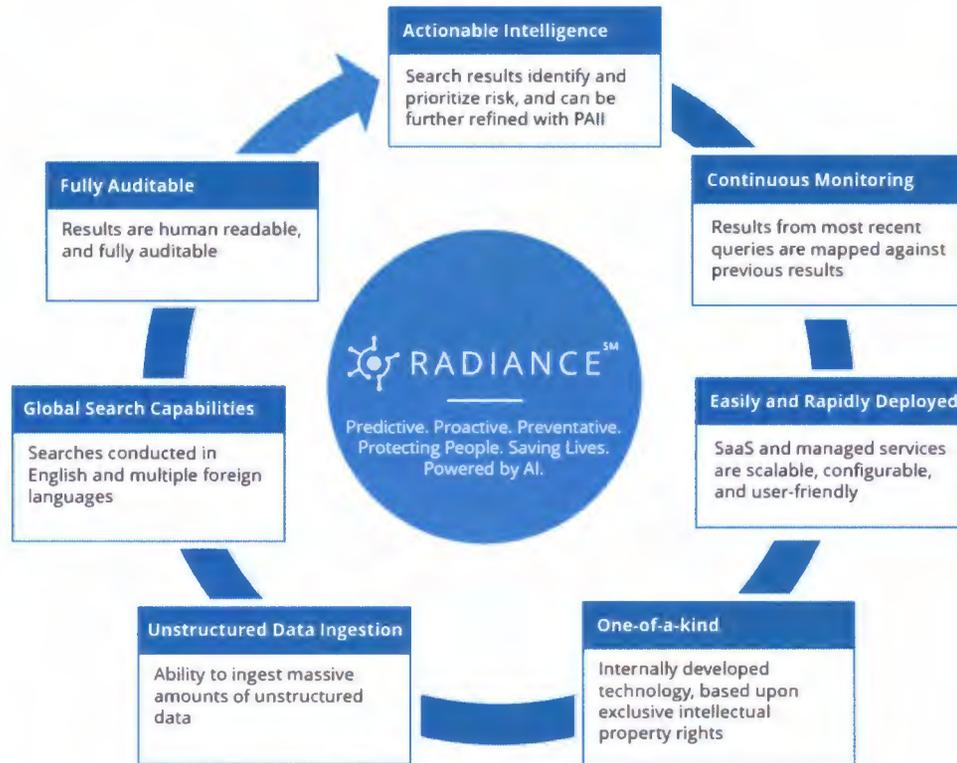


"Most law-enforcement agencies in the United States, particularly at the state and local level, don't have a whole lot of capability and technical people to manage and respond to digital evidence more generally, much less real-time detection."<sup>2</sup>



"Identifying specific threats in a post or tweet challenges technology experts and law enforcement. Detecting them in time to stop a planned attack may be impossible."<sup>2</sup>

<sup>1</sup> DOMO  
<sup>2</sup> The Wall Street Journal



**RADIANCE**

**Radiance is a configurable SaaS platform that allows users to harness open source data for risk and threat detection.**

**Radiance can turn the vast expanse of free, open source data into valuable, actionable information. This technology provides an unbiased understanding of human behavior and associated threats.**

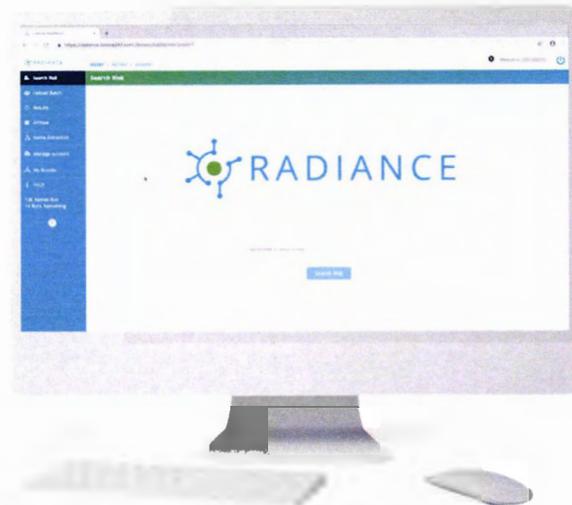


# RADIANCE



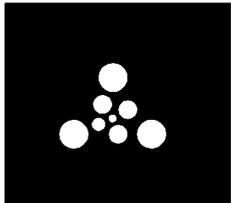
## OS-INT

is a deep-web listening tool that is like a super-charged web search scouring the web to assess and prioritize risk. One search conducted in OS-INT would take one person years to conduct.



## HUM-INT

is powered by the S4 app, a crowd-sourced, mobile application that allows users to confidentially report concerns in real time.



# Lumina has been saving lives and predicting threat events since 2016



**52** Active Shooter Reports



**42** Bomber Reports



**34** Religious and Political Extremists Reports



**27** Other Crimes or Terrorism



**19** Drug-Related Events



**16** Suicide Risks Identified



**2** Fraud and Financial Crimes



**1** Chemical and Biological Attack Risk



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## Protecting What Matters Most

