



**EMERGENCY
SERVICES
SECTOR**

**COORDINATING
COUNCIL**

RECENT DEVELOPMENTS, CYBERSECURITY & CYBERCRIME INVESTIGATIONS:

NSA Cybersecurity & Crime Work Group,
Sheriff David Goad, Chair
Dennis Kelly, Esq., Vice Chair
ESSCC Meeting

July 16, 2024

Dennis Kelly, Esq., SME, ESSCC

Objective: Awareness of Two Important Developments

- Murphy: New Local Cybercrime Reporting App
- UAE Emerges as Global Leader on Cybercrime & Policing

Murphy: Local Cybercrime Reporting App

- Signal Hill Technologies develops Local Cybercrime Reporting App,
<https://img1.wsimg.com/blobby/go/6754d4ea-d143-490a-a31b-1d2bf066d416/231127%20Signal%20Hill%20Technologies%20-%20Murphy%20Overv.pdf>
- Enables Local agencies and groups, anywhere on Earth, to receive cybercrime reports from local victims and assess local cybercrime response
- First Ever cybercrime reporting to local agencies accountable to local community



EMPOWERING LAW ENFORCEMENT TO HANDLE RISING CYBER REPORTS

OVERVIEW

MURPHY is an AI-powered, cloud-based software tool and chatbot to assist local law enforcement deluged by cyberscam and cyberattack reports. The proprietary system gives police automated incident workflow streamlining tools and customized, actionable recommendations. National law enforcement partners get previously unreachable ground-level aggregate data for threat prioritization and response.

RISING THREATS

Top cybercrimes are going unaddressed. Losses from cybercrimes skyrocketed by 50% from 2021 to 2022, increasing from \$6.9 to \$10.3 billion, according to the latest FBI Internet Crime Report. The top scams are:

- Phishing (300,497 victims)
- Personal data breach (58,859)
- Non-payment/non-delivery (51,679)
- Extortion (39,416)
- Tech support scam (32,538)

LOCAL CHALLENGES

- Local law-enforcement is ill-equipped to handle these reports and lack jurisdiction to go after foreign perpetrators
- Often the investigation stops with an initial incident report. Those reports can also be miscoded
- Since most incidents don't rise to the federal level, national defenders lack granular and trend data to go after the highest ROI threat actors
- Generative text and voice AI combined with robocallers and spammers will only magnify the issue in the next 12 months



www.signalhill.tech
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UAE New Global Leader on Cybercrime & Policing

- **UAE Exposes & Cracks Down on Cybercrime Sweatshops**
 - Uncovers Unsuspecting Workers Lured into Cybercrime Employment & Held in Sweatshop Conditions
 - Sophisticated Fraud Production Quota Requirement & Near Slavery Environment
 - Sweatshops Busted, Shut Down & Principals Arrested
 - <https://www.khaleejtimes.com/uae/uae-cracks-down-on-cybercrime-inside-world-where-scammers-got-fined-for-not-meeting-targets>
- **UAE Officials Call for Stricter Penalties to Combat Cybercrime Threat**
<https://www.thenationalnews.com/news/uae/2024/07/04/uae-officials-call-for-stricter-penalties-to-combat-cybercrime-surge/>
- **Dubai Prosecutor Calls for Special Cybercrime Court**
<https://www.msn.com/en-ae/news/national/rise-in-online-scams-dubai-prosecutor-calls-for-special-court-for-cybercrime/ar-BB1ppuTZ>
- **UAE Sponsors UNCOPS 2024**
 - UN Police Global gathering of Law Enforcement Leaders
- **UAE Sponsors Numerous Law Enforcement Summits**
 - A series of high visibility gatherings with law enforcement leaders globally
- **What's Left? Defeating the Cybersecurity Insider Threat?**

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