# DIGITAL FORENSIC

### **RMP FORENSIC LABORATORY**

### ACP MUHAMMAD ZULKIFLY BIN MOHD ISA

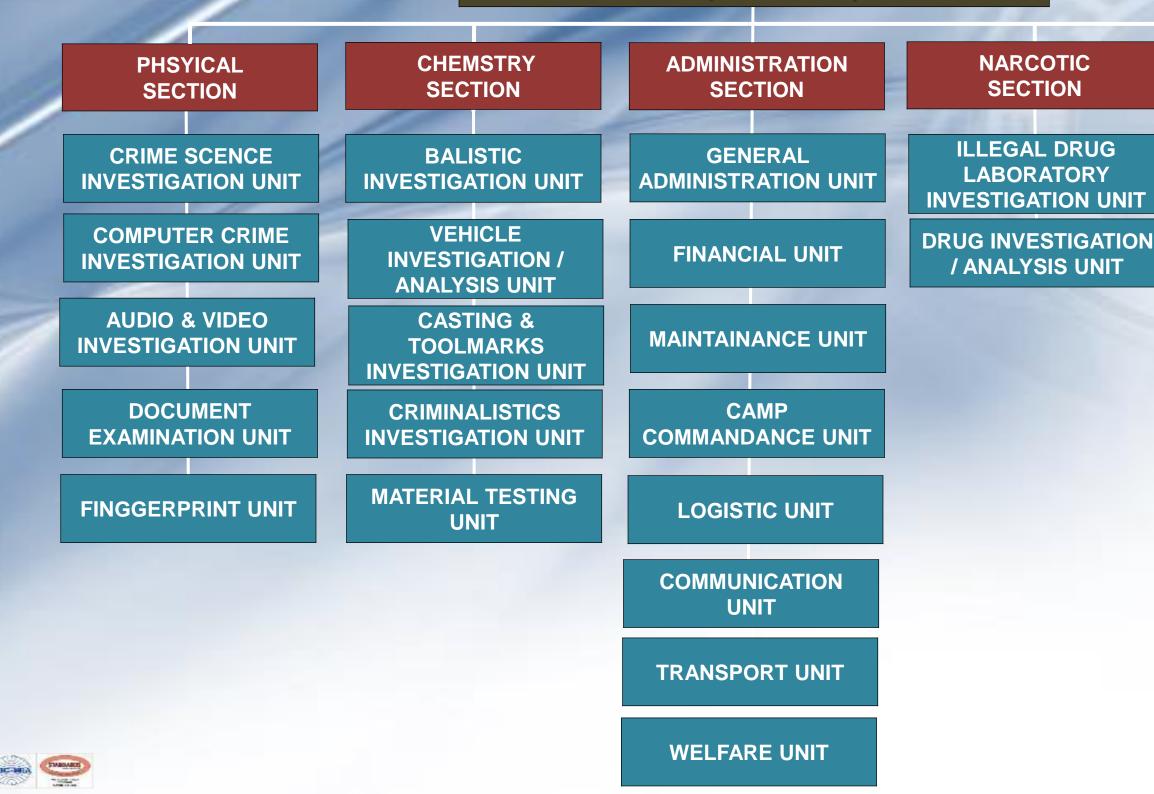
Head of Physical Section



## DIGITAL EVIDENCE IN CRIMINAL INVESTIGATIONS

## RMP FORENSIC LABORATORY ORGANIZATION CHART

PRINCIPAL ASSISTANT DIRECTOR OF CID **D10 (FORENSIC)** 





### Chemical, **Biological**, Radiological, **Nuclear, and Explosives** (CBRNE)



### SUB AQUATIC FORENSIC **INVESTIGATION** (SFI)



POST BLAST **INVESTIGATION** (PBI)



### **DISASTER VICTIM IDENTIFICATION (DVI)**







LOMS UNIT

**TRAINING UNIT** 

## ACCREDITATION



MS ISO/IEC 17025:2005 7 MAC 2013

54 1141 STANDARDS Certificate of Accreditation THE SAMM SHE Antredited strate 7 March 2013 This is to certify that ROYAL MALAYBA POLICE FORENBIC LABORATORY ROYAL MALAYEIA POLICE CHERAS, SELANCOR MALAYSIA. has been granted accorditation in respect of the scope of accorditation described in the schedule, subject is the some and consideres powering the Just Almontal Making Shitepuis (SABM). The Laboratory According licterse of Malaysia. Laboratories accredited order 8,0082 most the requirements of 885 (SOREC 17528. This Maleysian Blandard is identical with ISO/EC 17525 published by Rel International Organization for Standardidation (ISO). non IDATUK FADILAHJERHARINI Distribut Electron Department of Standards Malaysia Date of issue: 19 February 2010 **TRANSITION TO** MS ISO/IEC 17025:2017

19 FEB 2019





### MS ISO/IEC 17025:2017 17 NOV 2020



### **RMP FORENSIC LAB**

## ACCREDITATION





### CERTIFICATE

Awarded to

### FORENSIC LABORATORY OF ROYAL MALAYSIA POLICE

Batu 8 ½, Jalan Cheras, 43200 Cheras, Selangor

CyberSecurity Malaysia certifies that the Information Security Management System for the above organization has been audited and found to be in accordance with the requirements of

### MS ISO/IEC 27001: 2013

Scope of Certification:

Information Security Management System (ISMS) for delivering Forensic Science Services covering: i. Document Unit; ii. Audio/Video Unit; iii. Computer Crime Unit; and iv. Liaison Unit.

Statement of Applicability Version: 1.2 dated 29 September 2023

Subject to the continued satisfactory operation of the organization's management system, this certificate will remain valid until **December 21st**, **2026**. Original Registration Date: **December 22nd**, **2023** Issue Date: **December 22nd**, **2023** 

Registration Number: 063-IS091

Dato' Ts. Dr Haji Amirudin Abdul Wahab Chief Executive Officer





CyberSecurity Malaysia, Level 7, Tower 1, Menara Cyber Axis, Jalan Impact, 63000 Cyberjaya, Selangor Darul Ehsan | Tel: +603 – 8800 7999 | Fax: +603 – 8008 7000 Email: info@cybersecurity.my | Customer Service Hotline: 1300-88-2999 | www.cybersecurity.my

### MS ISO/IEC 27001:2013 15 JAN 2024



## ASSISTANCE & COLLABRATION PROVIDED BY DIGITAL FORENSIC, CID D10

R MA P(

















### LOCAL AGENCY





JABATAN AGAMA

JKM

IMG

ATM

LHDN

SPRM

KASTAM

- BOMBA
- MARITIM
- FARMASI
- PENDIDIKAN
- JPM
- KKM
- TNB
- PERHILITAN
- PENJARA



INTERNA



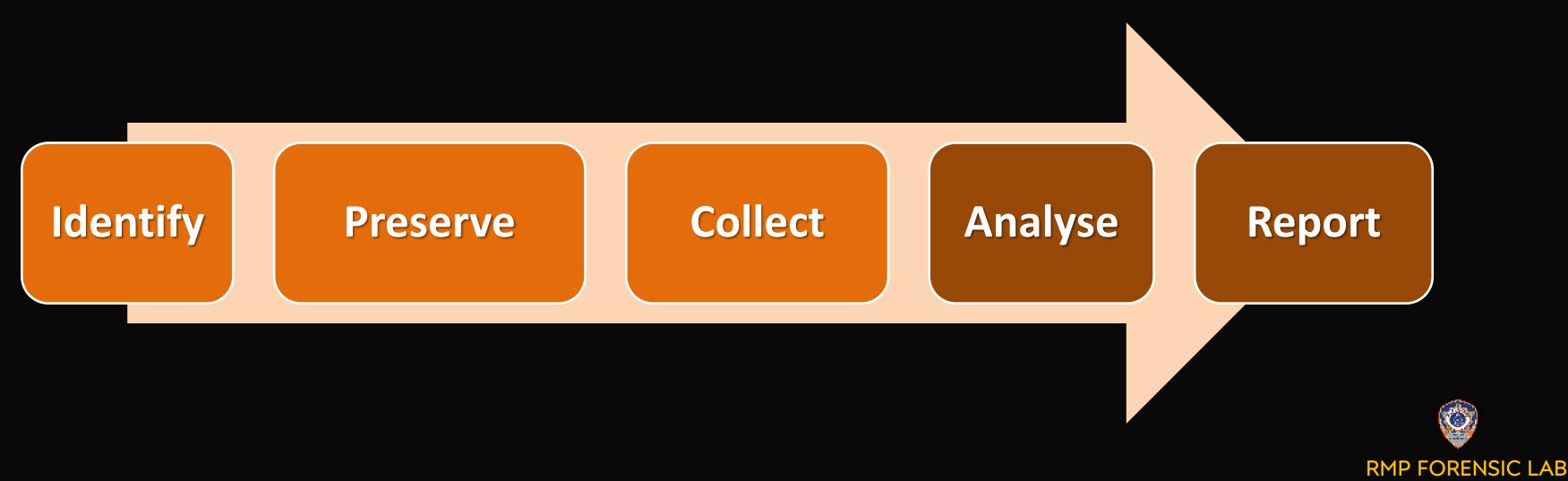
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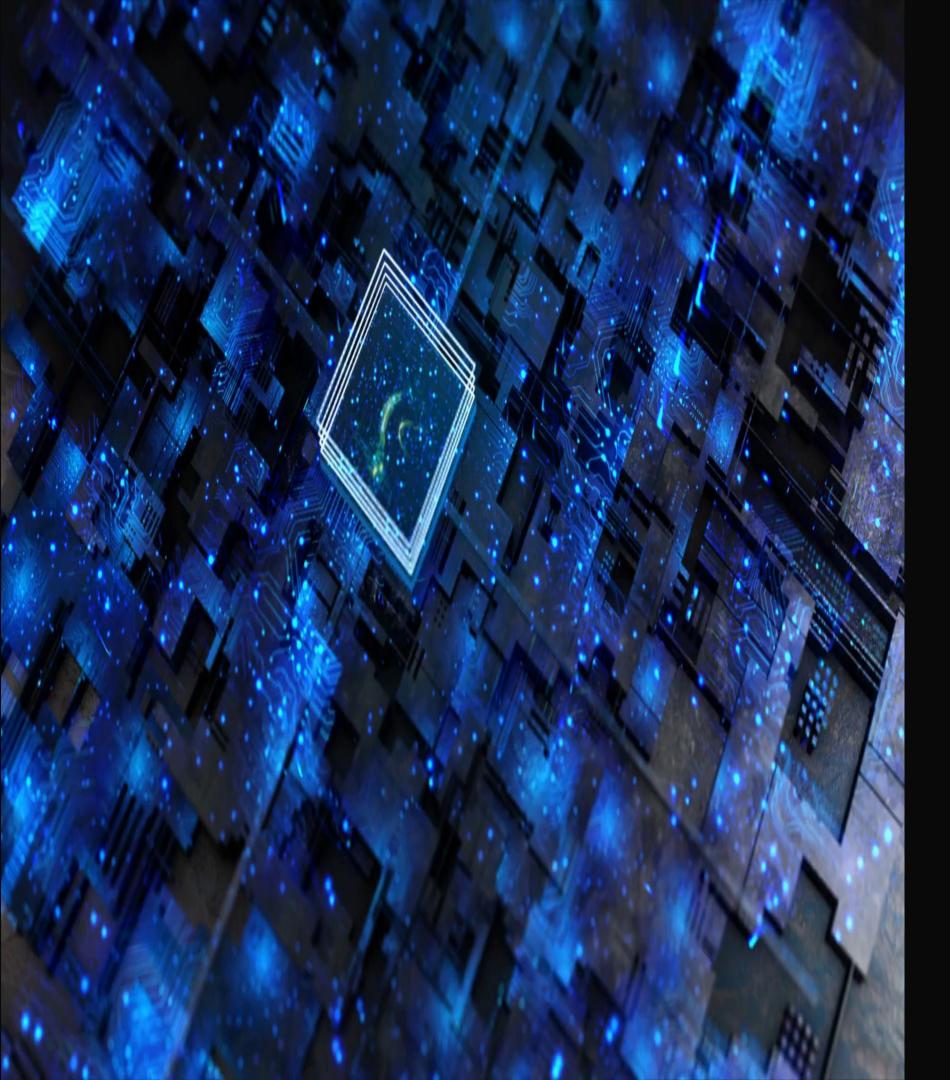


**RMP FORENSIC LAB** 

## WHAT IS DIGITAL FORENSIC SCIENCE?

**Digital forensics** (sometimes known as digital forensic science) is a branch of forensic science encompassing the recovery and investigation of material found in digital devices, often in relation to computer crime





## **ROLE AND FUNCTION?**

Digital forensics is the process of uncovering and interpreting electronic data. The goal of the process is to preserve any evidence in its most original form while performing a structured investigation by collecting, identifying, and validating the digital information to reconstruct past events..



# ROLE AND FUNCTION

## DETECTIVE

• Find information about best recipe

## **INVESTIGATION OFFICER**

• Collect all the material for cooking

### **EXPERT**

• Choose and list down the best item to be cook

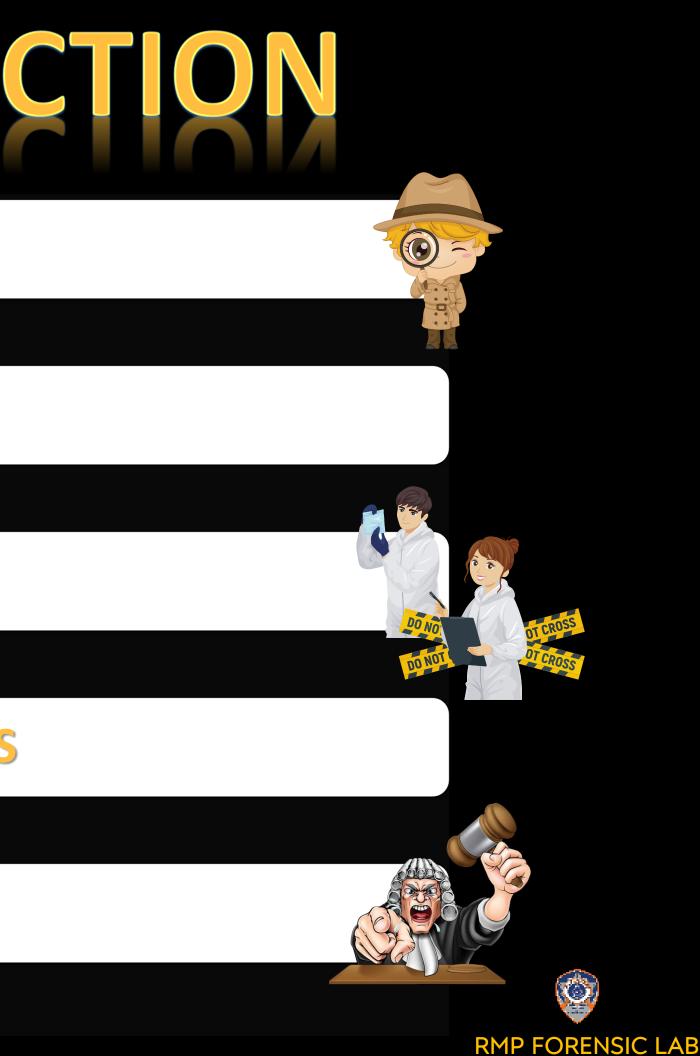


## **DEPUTY PUBLIC PROSECUTORS & LAWYERS**

Cook the item given

## JUDGE

• Taste the food & comments



"When wireless is perfectly applied the whole earth will be converted into a huge brain, which in fact it is, all things being particles of a real and rhythmic whole. We shall be able to communicate with one another instantly, irrespective of distance. Not only this, but through television and telephony we shall see and hear one another as perfectly as though we were face to face, despite intervening distances of thousands of miles; and the instruments through which we shall be able to do his will be amazingly simple compared with our present telephone. A man will be able to carry one in his vest pocket."

Nikola Tesla, 1926



**RMP FORENSIC LAB** 

"The Internet of Things is about empowering computers so they can see, hear and smell the world for themselves"

> KEVIN ASHTON THE INTERNET OF THINGS





## **CELLPHONES DATA ANALYSIS**



## **70% Cases are PHONES**

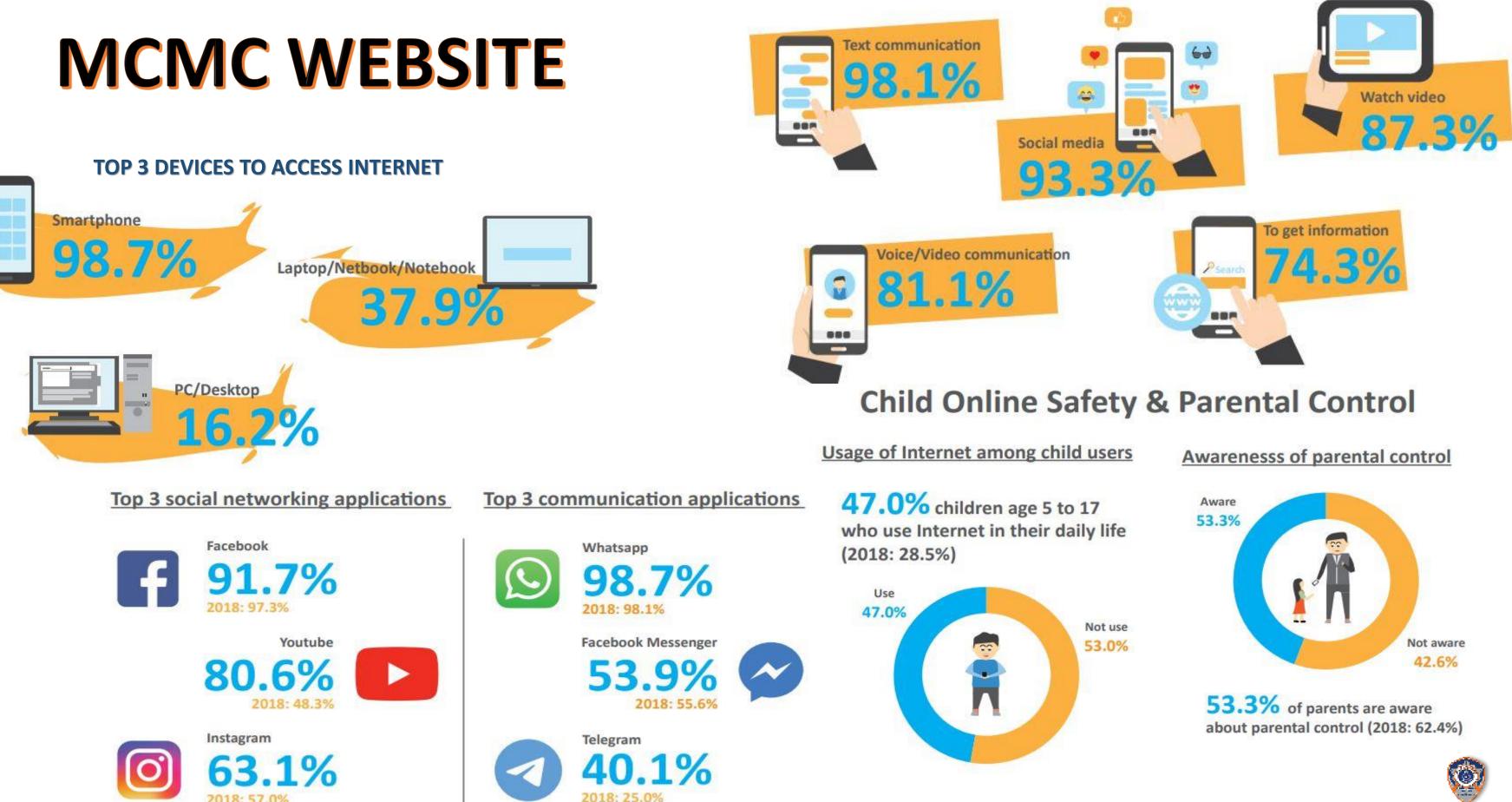


- Call logs
- SMS
- Calendars
- Notes
- Network Info
- Web History
- Social Media
- Pictures
- Videos
- Audio
- Documents
- Files
- Apps Data
- Credentials



## **2020 DATA FROM MCMC WEBSITE**

2018: 57.09



### **TOP 5 ONLINE ACTIVIES**

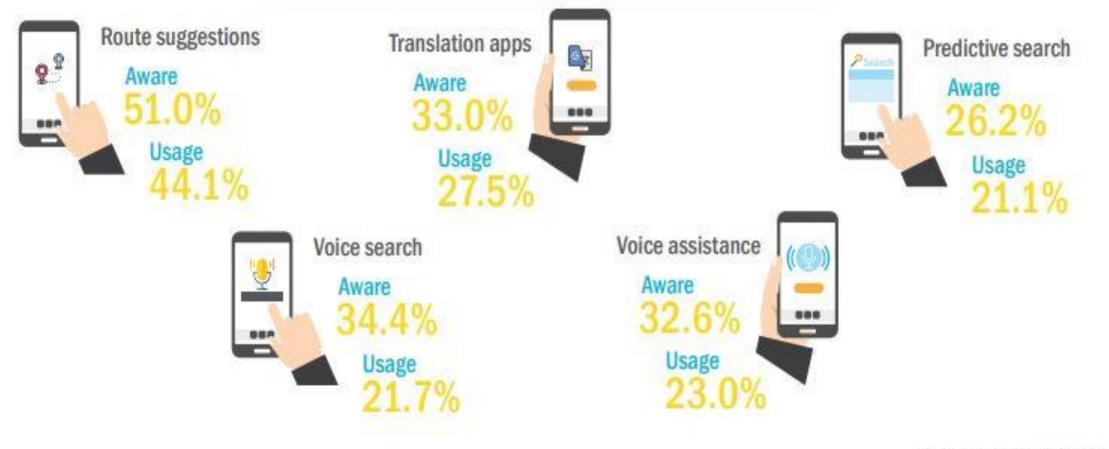


## 2021 DATA FROM MCMC WEBSITE

"Text messaging, social networking and voice calls are the main activities for smartphone users where majority of them performed these activities on daily basis. However, usage of smartphone for transaction-based activities such as online shopping and banking is still low."



Awareness and usage of Al-enhanced applications



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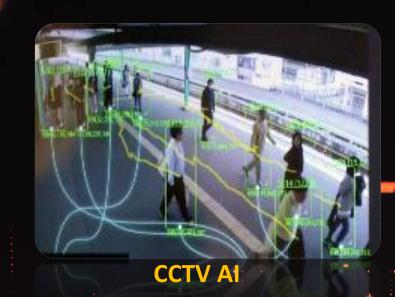
### Activities of smartphone users

Smartphone activities	Usage	Frequency of activities
		(at least once a day)
Text messaging	82.9%	97.3%
Social networking	78.9%	94.4%
Voice calls	78.6%	80.2%
Taking photos/videos	74.8%	62.0%
Search/browsing Internet	73.6%	89.7%
Video calls	71.0%	50.5%
Watching videos/movies	62.9%	63.8%
Listen to music	54.6%	72.0%
Get directions	48.4%	17.0%
Send or receive emails	47.0%	42.3%
Play games	46.3%	67.8%
Shopping	41.1%	18.6%
Banking	38.9%	27.7%
Reading	32.9%	57.8%
View security camera	5.6%	38.7%

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## **ARTIFICIAL INTELLIGENCE**

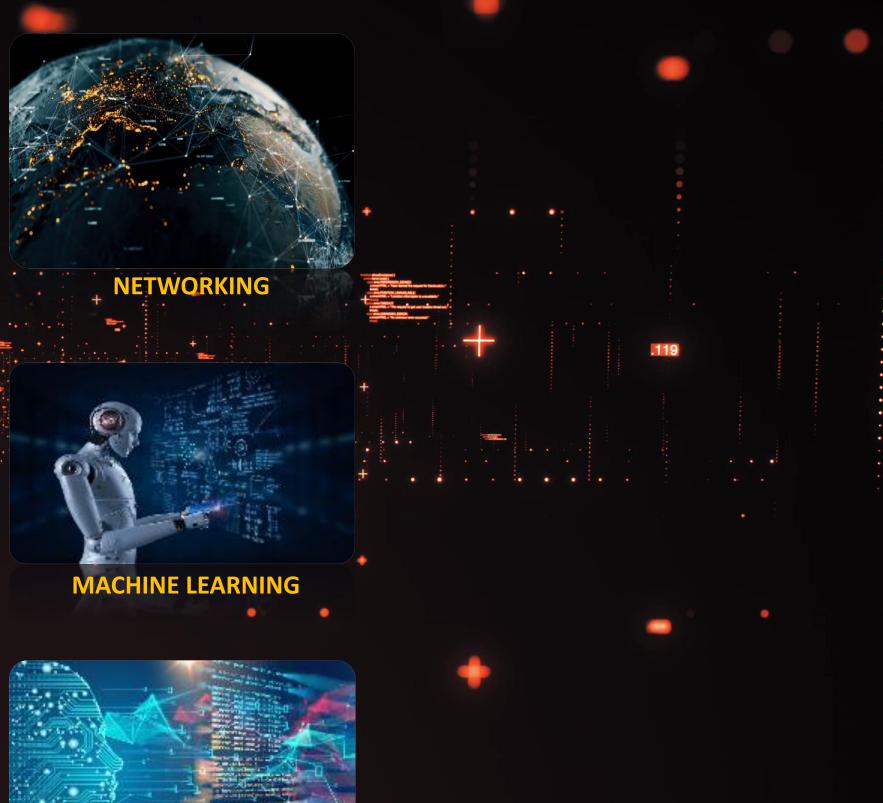


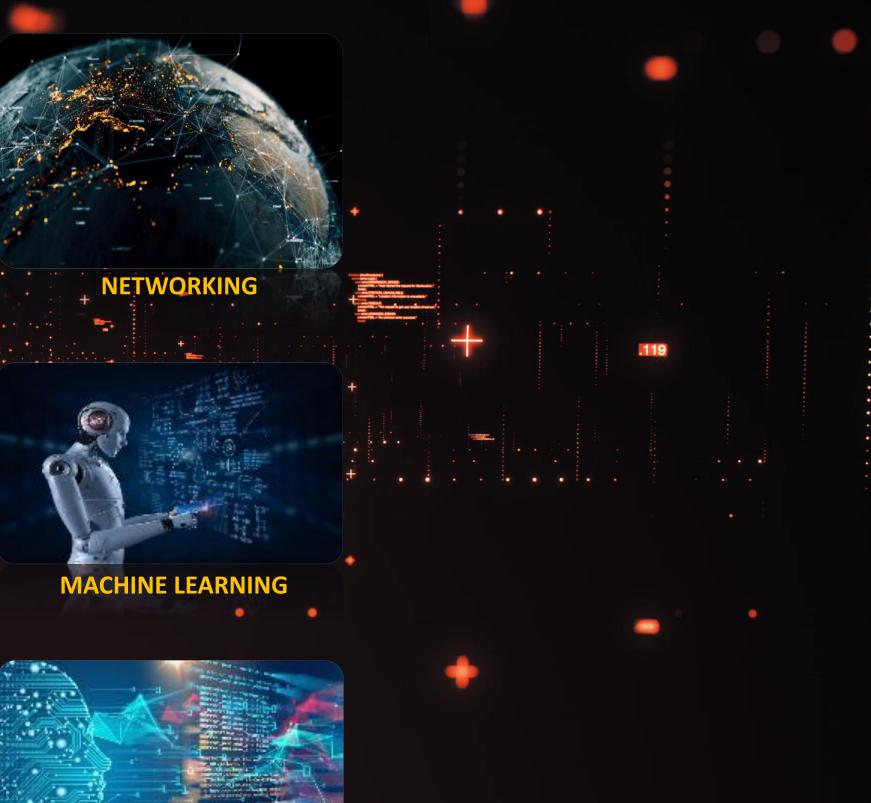


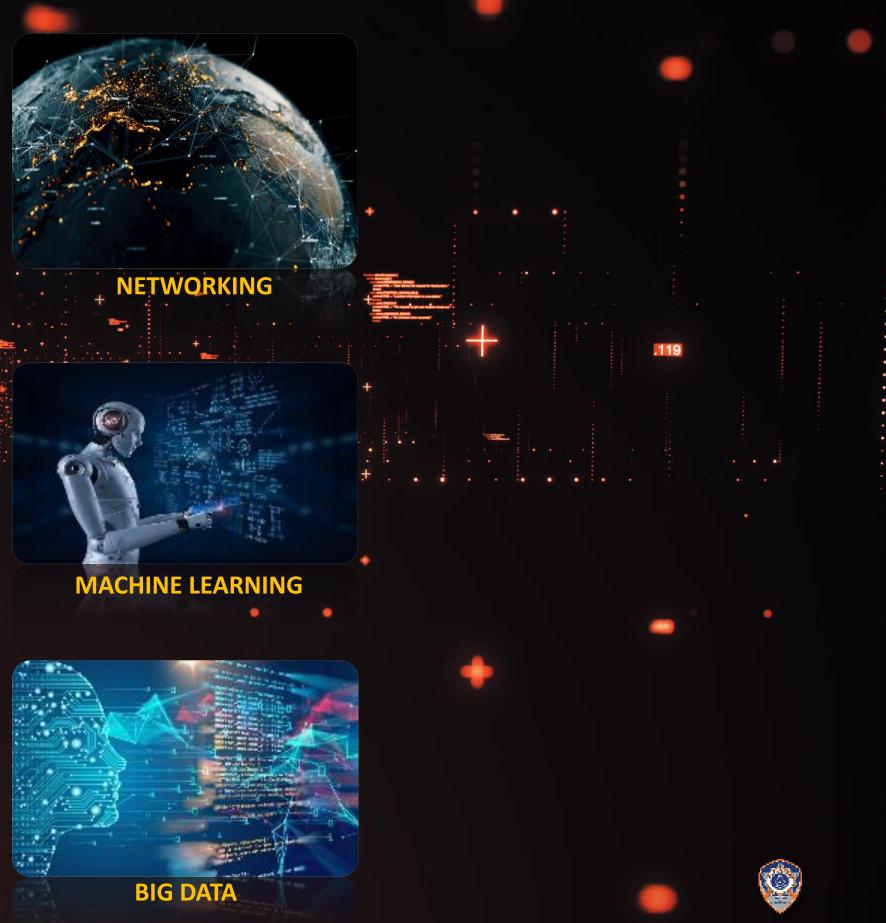
### FACE RECOGNITION



**SMART APPLIANCE** 







**RMP FORENSIC LAB** 

## TECHNOLOGY CRIME



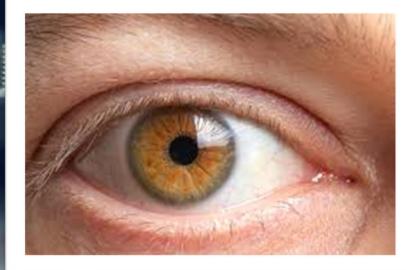
**DRONE FORENSIC** 



**VOICE FORENSIC** 







DATA RECOVER

IRIS



### VEHICLE FORENSIC



METAVERSE



**RMP FORENSIC LAB** 





The Internet has become Ground Zero for romance scammers who lurk in chat rooms and on social media sites and dating apps hunting for victims.



Fornance scammers steal images from real, innocent neonle to create falle



Identity theft victims tend to be people who hold positions of trust, such as military service members, veterans and doctors. Some victims have had their images used in hundreds of scams.

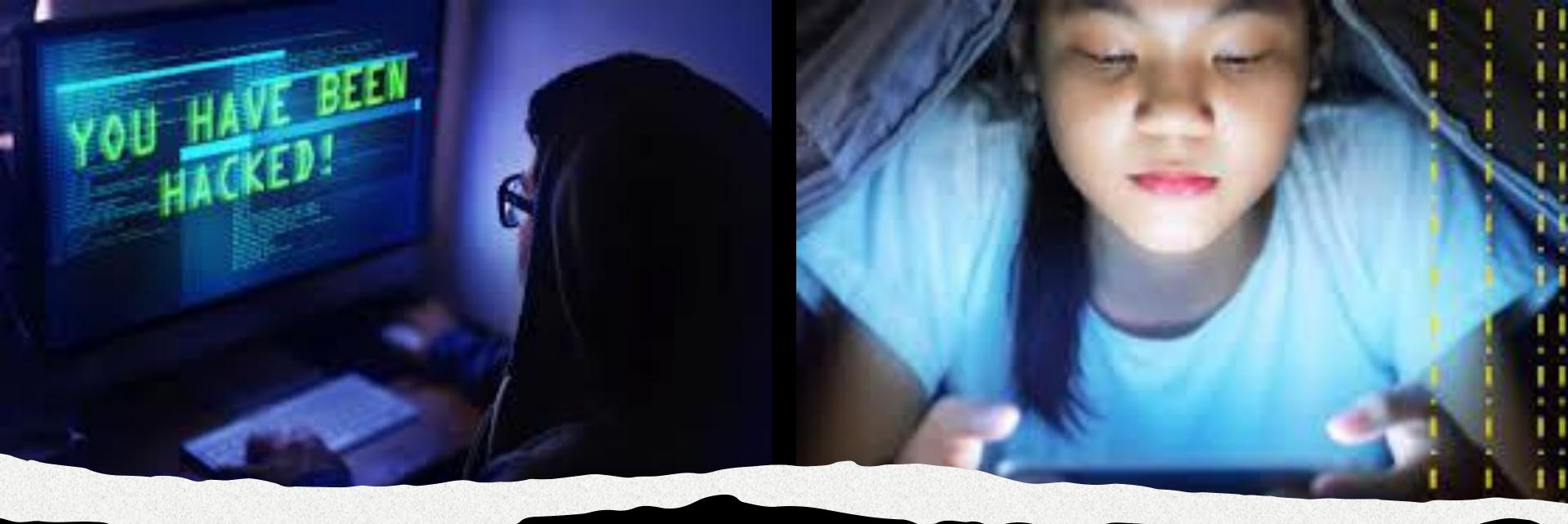




## **BEWARE OF SCAMERS**

In romarice scams there are generally two types of victim — the person whose identity is exploited and the person who is financially manipulated.



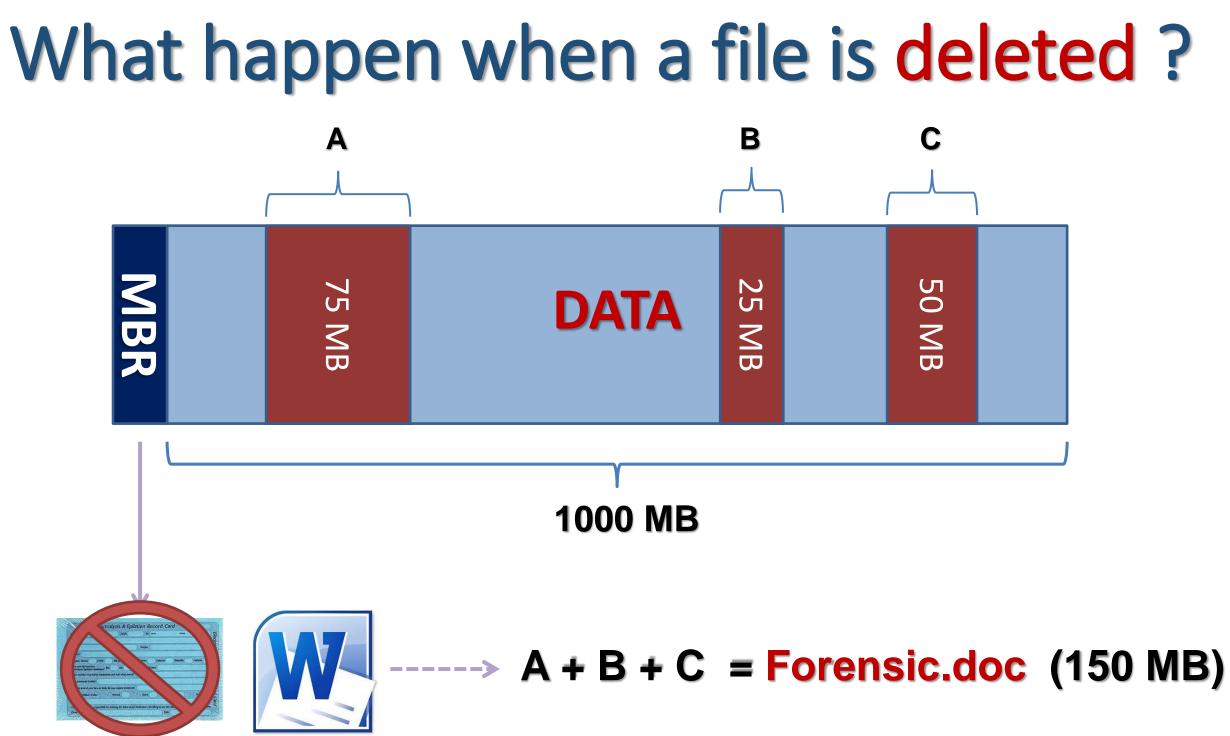


## SPECIAL TASK FORCE Malaysia Internet Crimes Against Children (MICAC)



## DELETED, FORMATED & WIPED

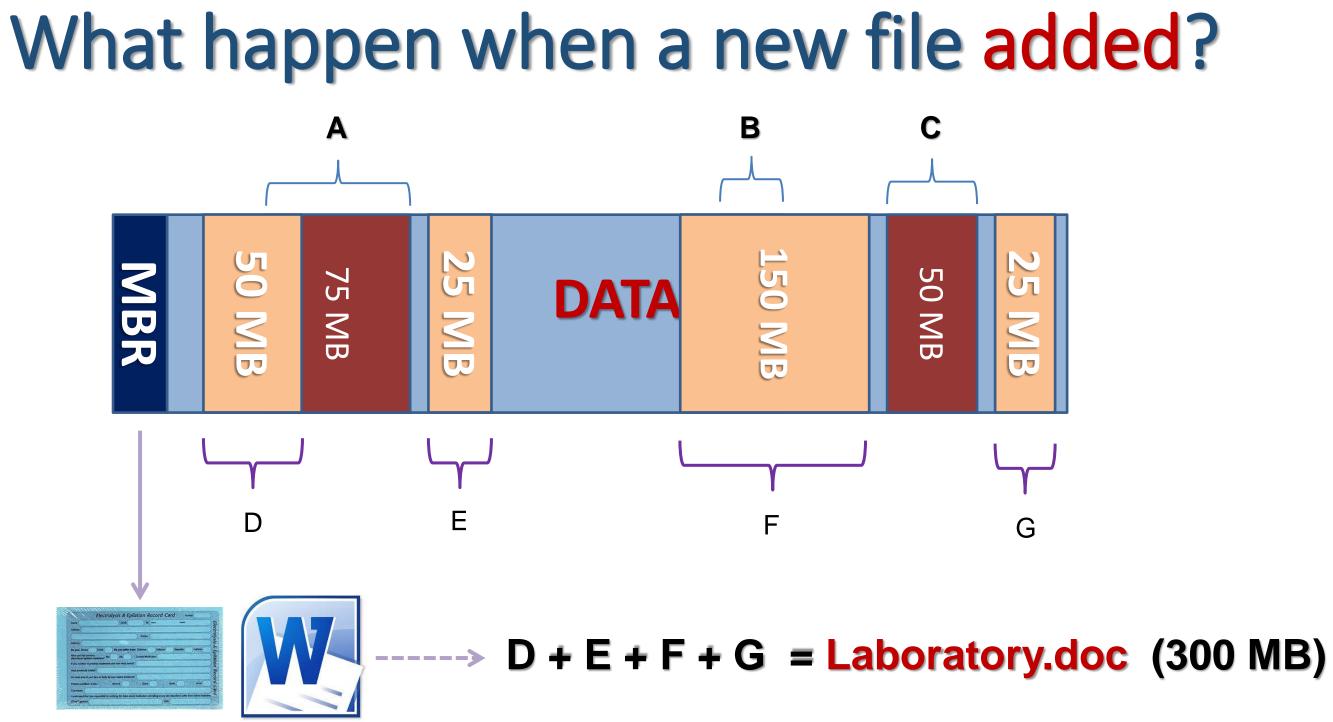




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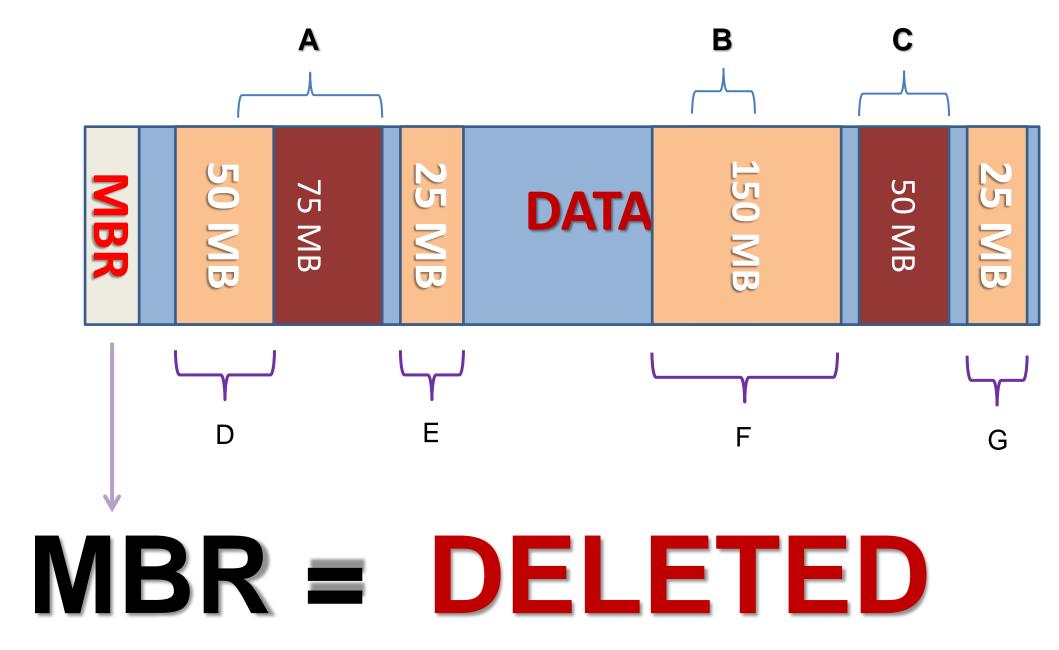
50 MB







## What happen when the drive is formated ?





## What happen when the drive is WIPED ?



## **EVERY SINGLE BIT OF DATA WILL BE OVERWRITTEN**







(examine recovered data, search for potential evidence)

## Fire Damage





(examine recovered data, search for potential evidence)

# WATER DAMAGE





(examine recovered data, search for potential evidence)

## **PHYSICAL DAMAGE**







(examine recovered data, search for potential evidence)

## **PHYSICAL DAMAGE**



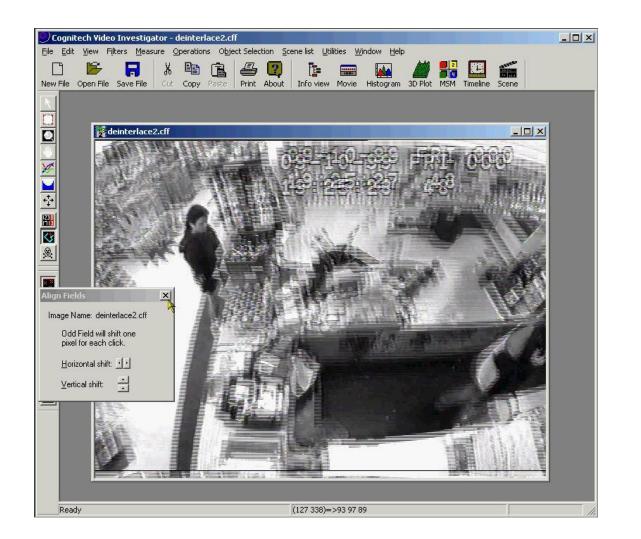


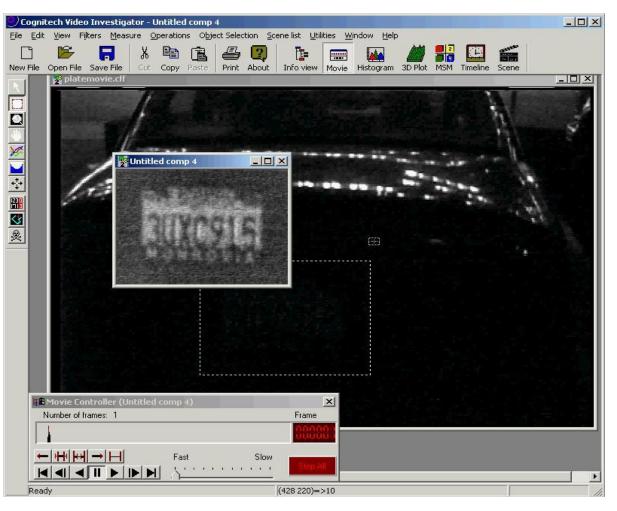






(examine recovered data, search for potential evidence)







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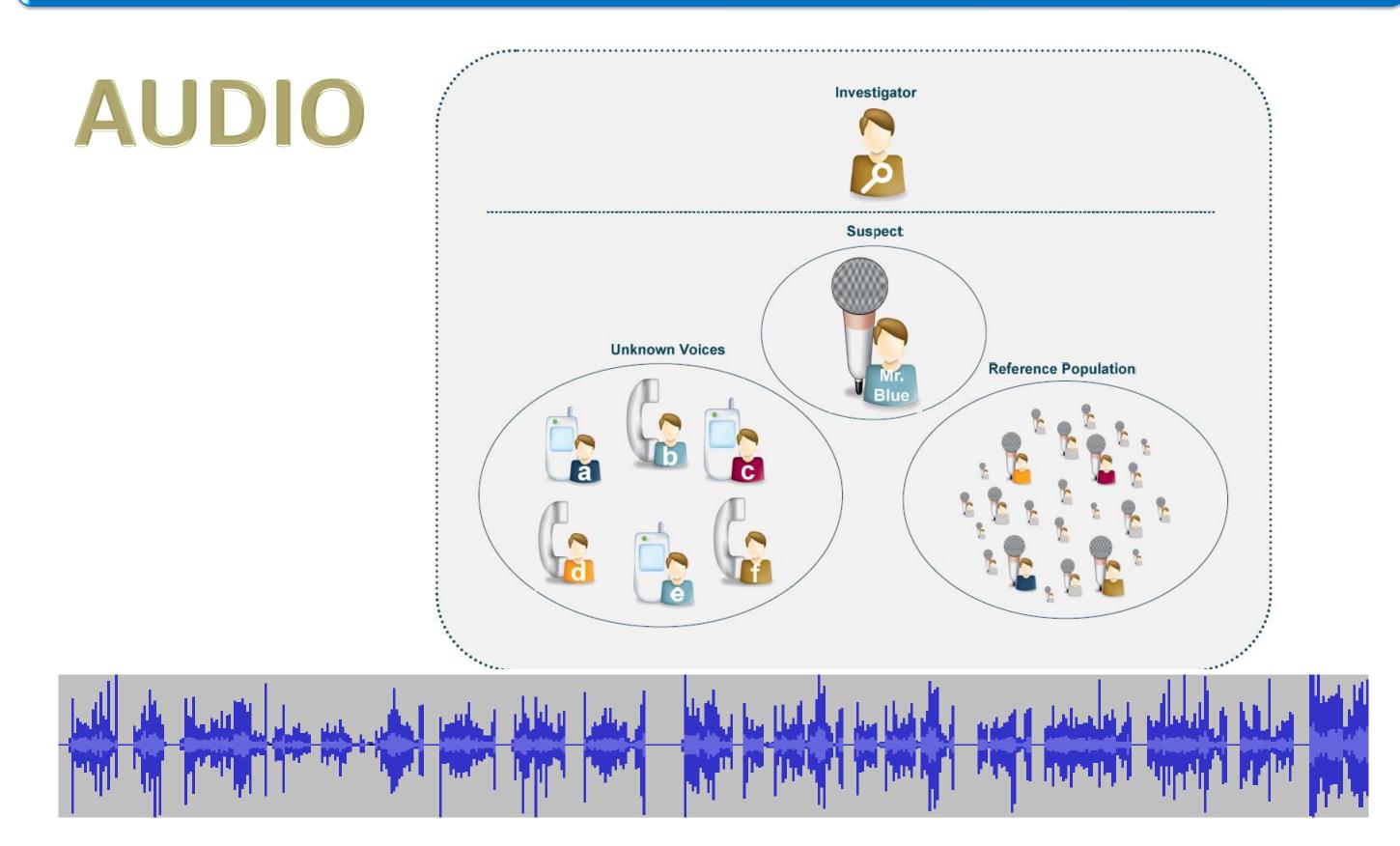


(examine recovered data, search for potential evidence)





(examine recovered data, search for potential evidence)

















Nation Home - News - Netion

Wednesday, 17 August 2016

## Murder victim had asked for breakup, court heard



### A' A'

GEORGE TOWN: A clerk who was murdered on Valentine's Day three years ago, had told her boyfriend that they could not be together anymore, a High Court here heard.

Psychiatrist Dr Kelvin Lee, 40, from the Bukit Mertajam Hospital, said accused Cheong Teik Keon, 34, told him this during an assessment session at the hospital after Cheong was arrested for the alleged murder of his girlfriend Tan Ching Chin, 24, on Feb 14, 2013.

"His girlfriend had told him on the morning of Valentine's Day on Feb 14, 2013 that they could not be together anymore. He also said that after telling him that, she had rushed off to the bank, which led Cheong to think that she was going to meet another guy.

"He had been depressed since December 2012 after finding out that his girlfriend had been having an affair.

"Cheong also said during the assessment that he found some naked pictures of his girlfriend with another guy on her handphone when he was charging his handphone using his laptop during their trip to Cambodia on Feb 2 and 3, 2013," he said in his testimony yesterday.

Dr Lee was recalled as a witness by the court under Section 425 of the Criminal Procedure Code to testify again in the murder trial of Cheong, an engineer, who was charged with murdering Tan at her family home in Taman Hwa Seng in Alma, Bukit Mertajam, at 8.40am on Feb 14, 2013.

If convicted, Cheong will get the mandatory death sentence under Section 302 of the Penal Code for murder.

On Cheong's mental condition, Dr Lee said he did not display symptoms of hallucination, illusion or dissociation during assess-ment.

"He can remember exactly that he had stabbed the victim three times and himself, four times. Some are unable to recall but he remembered that he did it.

"He knew that it was wrong but he did not bother about the consequences," he added.

Judicial Commissioner Collin Lawrence Sequerah fixed the case for continued submissions on Aug 25.

DPP Lim Cheah Yit prosecuted the case, while Cheong's counsel is Ramkarpal Singh.











## Valentine's Day Murder Case: The accused was of unsound mind, says expert

Posted on 23 May 2016 - 07:17pm Last updated on 23 May 2016 - 08:25pm Imran Hilmy

newsdesk@thesundaily.com



Cheong Teik Keon, 34, being led to Penang High Court to enter his defense on a charge of having murdered his girlfriend on Valentine's Day three years ago. - Sunpix by Masry Che Ani

GEORGE TOWN: A consultant forensic therapist who examined Cheong Teik Keon who was charged with killing his girlfriend on Valentine's Day three yeas ago told the court today that he found him to be insane at the time of the incident.

Datuk Dr Suarn Singh Jasmit Singh said he and his team found that the accused was suffering from a mental illness known as Major Depressive Disorder (MDD).

"The accused was also insane during the incident", he read out his witness statement in front of Judicial Commissioner Collin Lawrence Sequerah.

However Dr Suarn said the accused was eligible to be brought to court to be tried and defend himself.

He said that from his professional opinion, at the time of the incident , Cheong, 34, was of unsound mind and incapable of knowing that his actions were wrong or against the law due to his MDD at the time.

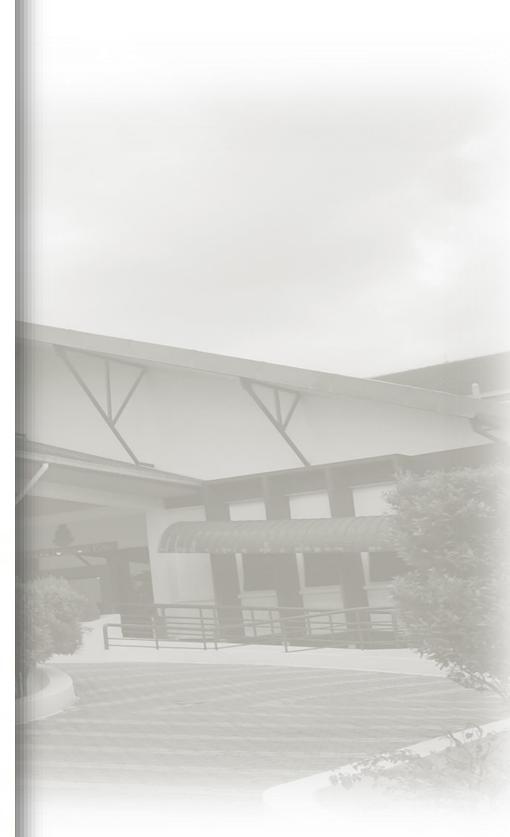
"I am of the opinion that the accused was severely depressed and had impaired judgement and as a result he was incapable of telling right from wrong in the sense that he did not know that his subsequent actions of killing the deceased was wrong or contrary to law", he added.

When being cross-examined by Deputy Public Prosecutor (DPP) Lim Cheah Yit , Dr Suarn said he cannot confirm if the accused was of unsound mind from the date of the incident on Feb 14, 2013 to August 2014 when the accused was brought to him for examination and evaluation.

He also agreed with Lim that he only evaluated the accused only one and a half years later from the date of the incident.



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Nation Home > News > Nation







years ago and tried to commit suicide, so that he could be reunited with her in heaven, a High Court here heard.

Psychiatrist Dr Kelvin Lee, 40, from the Bukit Mertajam Hospital, said Cheong Teik Keon, 34, had allegedly stabbed his girlfriend three times and himself four times.

"His judgment was distorted. He may have felt that it was wrong but he did not care about the consequences.







MALAYSIA

## Penangite gets death sentence for lover's Valentine's Day murder

BY OPALYN MOX

Thursday September 29, 2016 06:29 PM GMT+R

ICYM8



Khairul 'Speedy Jantan' Hafiz is SE Asia's fastest mant



Malaysian fans slammed over 'Singapore dogs' football chant



Ambank and RHS merger unlikely to happen, say SOUTCES



TOOLS INCREASE TEXT & DECREASE TEXT & RESET TEXT C PRINT ARTICLE &



Chepter Telli Repart (centre) is an orted by bein policemen after the was sentenced to here over the February 14, 2013 murder of his girlinend, -- Picture by Opelyn Mok

GEORGE TOWN, Sept 29 - Penang-born Cheorg Telk Keon, 33, was sentenced to death by the High Court today for murdering his 24-year-old girlfriend Tan Ching Chin in Alma, Bukit Mertajam on Valentine's Day three years ago.

"The court has taken into account evidence by the prosecution and the defence in which the accused had chosen to remain silent in his defence.

"I am unable to find that his mental faculties were so bad that he wasn't aware of the consequences of his actions though the defence had argued a plea of insanity," Judicial Commissioner Colin Lawrence Sequerah said when delivering the verdict.









### 'Isis Malaysia 69' ugut bom mahkamah

16 FEB: Sebuah kumpulan yang menggelarkan diri sebagai Anak Muda Malaysia mengugut untuk mengadakan bantahan terhadap sistem keadilan dengan menyerang mahkamah pada 11.30 malam, Rabu ini.

Kumpulan itu yang menggunakan ID – Isis Malaysia 69 membuat ancaman melalui video berdurasi 1:01 minit yang dimuat naik melalui YouTube, semalam.



"Kepada mana-mana parti yang lama memerintah, kami anak muda Malaysia dengan ini mengumumkan hasil manipulasi tipu helah selama ini menggunakan demokrasi, kami tidak lagi percaya sistem demokrasi.

"Andalah yang membentuk kami, kami terbentuk hasil dari tangan-tangan anda," ugutnya.

Video memaparkan empat lelaki berbaju hitam dan menutup muka itu turut menegaskan bahawa



perjuangan mereka baru bermula.

"Perjuangan kami baru bermula dan akan pergi jauh, semakin rosak demokrasi, semakin berkembang dan jauh cara kami menentang," katanya.

1.171

Ivania Taziu, osania ualani uokunich keganasa

Carages 1



UALA LUMPUR 27 Julai – Seorang juruanalisis makmal forensik Polis Diraja Malaysia (PDRM) memberitahu Mahkamah Tinggi di sini hari ini bahawa selain nama pemimpin rangkaian al-Qaeda, Osama bin Laden, nama bekas tahanan Akta Keselamatan Dalam Negeri (ISA), Yazid Sufaat turut ditemukan di alam komputer riba jenama Acer yang dirampas berhubung aktiviti keganasan.
spektor Muhammad Adib Rasol, 33, menyatakan, kedua-dua nama mereka tercatat di dalam 141 dokumen dan 73,439 imej sama ada yang telah dipadam tetapi berjaya ditimbulkan kembali menggunakan perisian khas, atau masih terdapat di dalam komputer riba berkenaan.
eliau memberitahu, antara lain perkataan mengaitkan aktiviti keganasan yang turut ditemukan di dalam dokumen tersebut adalah jihad/usrah, fisabililiah, infak/infaq, teknik penyamaran, teknik membuat bom/ied, al-Qaeda, mujahidin dan Jemaah Islamiah.
terkataan-perkataan itu dikenalpasti melalui analisis data seperti yang diarahian oleh pegawai atasan," kata saksi pendakwaan ke-17 itu dalam perbicaraan terhadap Yazid dan pembantu kafeteria, Muhammad Hilmi Hasim yang masing-masing menghadapi dua pertuduhan membabitkan keganasan.
azid didakwa menggalakkan keganasan bagi memajukan ideologi dengan niat mengugut orang awam di Syria di antara pukul 8.30 dan 10.30 pagi, 1 Ogos dan 20 Oktober 2012 di rumah beralamat DL11. Taman Bukit Ampang, Lorong Mutiara 2, Lembah Jaya, Ampang dekat sini.
ertuduhan itu dikemukakan mengikut Seksyen 130G(a) Kanun Keseksaan yang memperuntukkan hukuman penjara 30 tahun dan denda.
azid, 51, turut didakwa menjadi ahli kumpulan Tanzim Al-Qaeda Malaysia di antara 1 Ogos 2012 dan 7 Februari 2013 mengkut Seksyen 130KA Kanun Keselsaan yang membawa hukuman penjara seumur hidup dan boleh dikenakan denda.
luhammad Hilmi, 35, pula dibicarakan atas tuduhan menjadi ahli kumpulan terbabit dan bersubahat dalam menggalakkan keganasan bagi memajukan ideologi dengan niat mengugut orang awam di Syria.
alam keterangannya, Muhammad Adib juga mengakui selain dokumen dan imej, terdapat beberapa rakaman audio di dalam komputer riba itu tetapi beliau tidak membukanya kerana tidak mendapat arahan daripada pegawai atasannya untuk menganalisis kandungan audio berkenaan.
ava ditugaskan untuk menganalisis kandungan dokumen dan imej sahaja, " katanya ketika menjawab soalan Timbalan Pendakwa Raya, Shukor Abu Bakar,

okumen-dokumen serta imej tersebut turut ditayangkan melalui skrin projektor di mahkamah. Yazid dan Muhammad Hilmi, yang dalam keadaan tangan bergari dibenarkan untuk keluar dari kandang tertuduh, dan duduk berhampiran skrin berkenaan untuk melihat paparan tersebut dengan lebih deka erbicaraan di hadanan Hakim Datuk Mohd. Azman Husin bercambung esok

#### Witness: 141 terrorism-related documents retrieved

July 27, 2015

Witness says 10 possible passwords were given to him by the investigating officer.



KUALA LUMPUR: A witness told the High Court here today that he retrieved 141 deleted documents from a laptop, which he analysed based on 10 passwords including the name of an internal Security Act former detainee.

Police forensic analyst Insp Muhammad Adib Rasol, 33, said the 10 passwords were given to him by investigating officer (IO) Insp Mohd Nur Shakirin Ishak.

He said Mohd Nur had asked him to analyse the laptop and retrieve deleted material and documents related to terrorism activities.

He said the IO had also provided him words such as, "Jihad" or 'usrah", "Fisabillah", 'Infak', 'teknik penyamaran", 'teknik membuat bom' or 'IED', 'Al-Qaeda', 'Mujahidin', 'Jemaah Islamiah' and 'Osama bin Laden'.

"All 141 documents that I retrieved contained passwords given by the IO," he said at the examinationin-chief by deputy public prosecutor Shukor Abu Bakar.

In the dock were former ISA detainee Yazid Sufaat, 51, and cafeteria assistant Muhammad Hilmi Hasim, 35.

Vazid is facing two charges of promoting terrorism to threaten the public in Syria, and being a member of the Tanzim Al-Qaeda Malaysia, while Muhammad Hilmi is accused of abetting him.

They allegedly committed the offence at DL 11, Taman Bukit Ampang, Lorong Mutiara 2, Lembah Jaya, Ampang between August 1, 2012 and February 7, 2013.

Muhammad Adib, who has been working at the Royal Malaysian Police forensic laboratory in Cheras since September 1, 2009, said he retrieved 73,439 photographs that had either been deleted or were still in the system.

The 17th prosecution witness said the laptop was handed to him by assistant analyst Sub Insp Khalid Sokri, 56, at 11 am on November 14, 2012.

Meanwhile, Khalid who is the prosecution's 18th witness said he received the laptop from Mohd Nur at 10.49am on November 14, 2012 before handing it to Muhammad Adib who was at the time attending a meeting.

The two accused were represented by counsel Amer Hamzah Arshad. The trial before justice Mohd Azman Husin continues tomorrow.





# THREAT

## Bom untuk dapatkan wang



Jakarta: Seorang pengatur cara komputer mengaku meletakkan bom di dalam tandas sebuah pasar raya di sini sebelum memeras ugut pihak pengurusan untuk mendapatkan wang.

Leopard Wisnu Kumala ditahan kelmarin susulan letupan bom kecil di dalam tandas pasar raya Mal Alam Sutera pada Selasa lalu yang mencederakan seorang lelaki.

Jurucakap polis, Krishna Murti berkata, selepas serangan itu, Leopard memeras ugut menghantar e-mel kepada pihak pengurusan pasar raya untuk mendapatkan wang.

"Sebenarnya ini kali keempat suspek melakukan serangan serupa dan memperoleh wang Rp320 juta (RM100,900).

"Suspek menggunakan kepakarannya dalam bidang komputer supaya pihak berkuasa tidak dapat menjejaki e-mel yang dikirimnya.

"Wang dimasukkan juga menggunakan akaun dalam Internet, Bitcoin yang sukar dikesan polis," katanya.

Suspek juga dipercayai belajar membuat bom melalui Internet.

"Pemeriksaan di rumah suspek menemui lima lagi bom termasuk satu diletakkan dalam kotak rokok.

"Kami percaya suspek mungkin merancang melakukan serangan yang sama," jelasnya. - Agensi



LEOPARD dikawal ketat polis ketika sidang akhbar di Jakarta, semalam.









are saying about the threat.





Artikel ini disiarkan pada : Jumaat, 30 Oktober 2015 @ 6:40 AM



Updated: March 16, 2016 7:57 pm

## VIA Rail beefs up security after threat, demand for bitcoin

By Monique Muise National Online Journalist, Politics Global News

WATCH: VIA Rail beefed up security at train stations in Toronto and Montreal following an emailed threat. Vassy Kapelos explains what the company and police

### Bomb threats against Calgary schools demand Bitcoin, police say 'no validity' to threats



Published on: February 11, 2015 | Last Updated: February 11, 2015 6:24 AM MDT



Calgary police are investigating after a number of schools across the city received emails last week demanding an online currency known as Bitcoin and threatening to detonate explosive devices at certain schools if the money was not received.



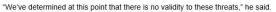
While police have determined the threats are not legitimate, an increased number of police officers are peing stationed at the affected schools and letters have been sent home to students and parents



"We enacted all of our safety protocols. We have enhanced presence of uniform officers at the schools, we'll be doing patrols, the schools will be checked regularly," said Calgary Police Service spokesman Kevin Brookwell on Tuesday.

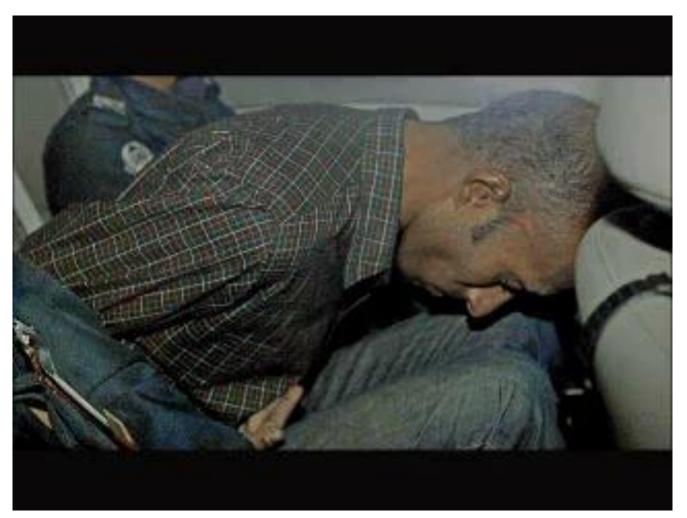


Brookwell said police received an email on Feb. 5 that made threats against certain Calgary public, private and Catholic schools. Subsequent similar emails were also sent to some of the schools.





# HACKING





## Padah Menggodam

Posted by NTAH SIAPA on WEDNESDAY, NOVEMBER 13, 2013 AT 7:19 PM



Singapura - Lima lelaki tempatan ditahan atas dakwaan menceroboh laman web Presiden dan Perdana Menteri Singapura ketika beberapa serangan siber melanda republik itu. Dalam satu kenyataan, polis berkata, penceroboh [...]









## GAMBLING

Soccer Gambling Case,

July 2010



07 Jun, 2010 15:25 PM

KUALA LUMPUR, 7 Jun (Bernama) -- Menteri Dalam Negeri Datuk Seri Hishammuddin Tun Hussein hari ini meminta mereka yang membuat pelbagai dakwaan berhubung pemberian lesen pertaruhan bola sepak agar tampil menyumbang idea untuk mencegah isu perjudian haram.

"Daripada membuat bising di luar, kerajaan negeri (yang berkenaan) boleh bekerjasama dengan KDN (Kementerian Dalam Negeri) dengan memberi cadangan supaya kerajaan boleh buat keputusan dalam membanteras ekonomi hitam," katanya kepada pemberita di sini.

Beliau diminta mengulas mengenai tindakan sesetengah pihak yang terus mempertikaikan keputusan kerajaan memberi lesen pertaruhan acara sukan termasuk bola sepak dengan mendakwa kerajaan menggalakkan perjudian.

## **Miscellaneous - Malaysian police arrest 129 for illegal** gambling

Police in Malaysia have arrested 129 people including students for illegal football betting worth 94 million dollars since the World Cup began this month, a police official said Monday.

Mohamad Bakri Zinin, chief of the criminal investigation department, said that since the tournament kicked off in South Africa on June 11 until Sunday police had carried out 156 raids against illegal betting.

Among those arrested were individuals, including a family of four and criminal syndicate members, he told reporters.

"One hundred men and 20 women and nine foreigners were arrested," he said, adding that the youngest bookmaker was 15 years old.

© 2010 AFP



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- Enter your Account ID or email and pa
- 4. Choose your sport, or 'Live Betting'
- Enter your desired amount to bet unde
- elect "Place Wagers", and then "Yes" to confirm yo

#### BERNAMA.COM utama » berita

#### Bantu Kerajaan Tangani Isu Judi Haram Bola Sepak Hishammuddin







Sosilawati Murder Case,

Sept 2010

## 11 mobile phones part of Sosilawati case exhibits

Posted on November 30, 2011, Wednesday





Datuk Sosilawati Lawiya

SHAH ALAM: A computer crimes analyst informed the High Court here yesterday that 11 mobile phones which formed a part of the case exhibits in the murder trial of cosmetics millionairess Datuk Sosilawati Lawiya and three other individuals, were sent to him for analysis.

ASP Mohd Zulkifly Mohd Isa, 31, from the Bukit Aman police headquarters said he also received a request to analyse a SIM card, memory card, mobile phone battery and thumbdrive from investigating officer ASP Ishak Yaacob and a police officer named Inspector Suzana.

The 76th prosecution witness said he received the items on Sept 17 and 20 last year.

"Two Blackberry phones (black and white) were given to me in a damp condition with moisture on their screens. After

registering them, I used a blower to dry the phones and then locked them up in the mobile phone lab," he said during examination-in-chief by DPP Ishak Mohd Yusoff.







Sosilawati Murder Case, Sept 2010

- 11 phone received (2 of the phone was water damage found submerge in drain after 2 weeks)
- Clean and dry both of the water damage phone, did basic data recovery process.
- Manage to get full data from both phones with a lot of communication data that been presented in court.
- Some CCTV footage of the vehicle used and movement of suspect in this case was analyzed



## MURDER Trader sentenced to death for murder of Stephanie Foray

Posted on 9 July 2014 - 12:25pm Last updated on 9 July 2014 - 05:31pm





Joel Foray (L) and Irene Mortel (R), parents of murdered French tourist Stephanie Foray, leave the Kuantan High Court following the verdict, July 9, 2014. AFP

KUANTAN: The High Court today sentenced a Pulau Tioman trader to death after finding him guilty of the murder of a French woman tourist on the island three years ago.

Judge Datuk Seri Mariana Yahya passed the sentence on Asni Omar, 39, of Kampung Tekek, who was found guilty of the murder of Stephanie Foray, 30, at a house in Kampung Tekek between 8 pm on May 10 and noon on May 12, 2011.

The charge faced by Asni under Section 302 of the Penal Code provides for the mandatory death sentence upon conviction. Mariana said Asni's excuses and explanations during the trial were mere denials and the evidence adduced during his defence indicated that he was the last person to have been with Foray on May 10, 2011.

She said Asni had knowledge of the directional guide he had provided on Aug 8, 2011, to a nearby cave where Foray's body had been hidden and that he had known of her death.

"There is no doubt about the involvement of the accused (Asni) in this case as the victim's (Foray's) belongings were found in a room in his house and blood found splattered on a wall was the victim's as confirmed by the Chemistry Department.

"The court finds that the evidence adduced by the accused is a cooked-up story to show that he is not guilty, but the testimony only weakened the case for the defence," she said.





## MURDER









## **MULTIMEDIA ACT**

## **INSULT SULTAN JOHOR CASE,**

Oct 2010

#### JENAYAH

ARKIB : 04/11/2012

#### Lelaki ditahan berhubung kes hina Sultan Johor

The Volkswagen Beetle



1.22 TSI Engine With A 7-Speed DSG. Test Drive At Your Nearest Dealer!



JOHOR BAHRU 4 Nov. - Seorang pemuda ditahan dalam satu serbuan di sebuah premis di Wangsa Maju, Kuala Lumpur, kelmarin, bagi membantu siasatan kes sebuah laman sosial Facebook yang didakwa menghina Sultan Johor, Sultan Ibrahim Sultan Iskandar pada 12 Oktober lalu.

Pemangku Ketua Jabatan Siasatan Jenayah Johor, Asisten Komisioner Abdul Aziz Ahmad berkata, lelaki itu yang berusia 27 tahun ditahan pukul 7.30 malam dan kini direman selama tiga hari bermula semalam

Polis telah membuat serbuan di Wangsa Maju. Kita terlebih dahulu memperkenalkan diri sebelum membuat pemeriksaan ke atas semua komputer di dalam premis berkenaan. - UTUSAN



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JOHOR BAHRU - Seorang juruukur bahan di sebuah syarikat pembinaan didenda RM20,000 oleh Mahkamah Sesyen di sini semalam selepas didapati bersalah menulis komen menghina Sultan Johor, Sultan Ibrahim Sultan Iskandar menerusi laman sosial Facebook pada Oktober tahun lepas.

Hakim Muhammad Jamil Hussin turut memerintahkan tertuduh, Ahmad Abd. Jalil, 28, yang berasal dari Klang, Selangor, dipenjara enam bulan sekiranya dia gagal menjelaskan denda berkenaan.

Dia didakwa membuat komen yang jelik dengan niat menyakiti institusi Kesultanan Johor dan rakyat menggunakan aplikasi Facebook melalui akaun http://www.facebook.com/ibrahim.osman.313371 menggunakan nama profil 'Zul Yahya'.

Kesalahan itu dilakukan di pejabatnya di RD Resources Sdn. Bhd., 30-3, Jalan Wangsa Delima 11, Seksyen 5, Kuala Lumpur, pukul 6 petang pada 10 Oktober 2012.

Tertuduh didakwa mengikut Seksyen 233(1)(a) Akta Komunikasi dan Multimedia 1998 (Akta 588) yang membawa hukuman denda sehingga RM50,000 atau penjara sehingga setahun atau kedua-duanya sekali jika sabit









Zul Yahya 12 October 🕐

sultan johor yang perut boroi macam seekor babi feedlot, tapi dijadikan ketua askar grup gerak khas komando Malaysia.. dah boroi macam babi dan kulit sultan johor pon putih macam babi, pegi la jaga babi, janganla jaga askar.. buat malu askar je.. hehe

2

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Khairul Izwan do u have mental problem?? 12 October at 12:56 via mobile



Ameelliya Binti Alykallam Cari publisiti 12 October at 13:15 via mobile

Mohd Nor Hizam Aku rasa budak nie nk kena dgn anak johor lah..Klu ko betol2 jantan ko tunjuk rupa ko yg sebenar jgn guna nama samaran...Aku panas bila ade org MengHina Sultan aku.. 12 October at 19:15 · 🖒 1



#### Zul Yahya · 92 mutual friends

cuba bayangkan ape perasaan orang kampung masa kembara mahkota dulu, kami susah payah belanja, dan indahkan taman, tiba2 sultan pulak datang dgn bodyguard, makan meja vip, tak de ucap terima kasih, dah tu sapa kritik sultan teros kena tangkap, orang yang kritik pulak diugut, sedangkan kami yang bayar cukai dan cukai diguna untuk bagi pada sultan johor, kalau sultan johor kata dia tak ambil satu sen pon wang cukai rakyat, habis macamana sultan johor boleh kaya raya, sedangkan dia tak kerja apa2.. mana ada orang tak kerja tapi duitnya makin bertambah,... rakyat bayar cukai, kami berhak tahu ke mana wang kami dan berhak tegur pemimpin kami.. kenapa kami pulak ditangkap, rakyat tak memerlukan raja, tapi raja sangat memerlukan rakyat 22 minutes ago • Like



Maklong Aziz raayat tak memerlukan RAJA?, kamu duduk kat negara mana sekarang ni? 20 minutes ago · Like





Lahad Datu Intrusion,

February 2014







Lahad Datu Intrusion, February 2014

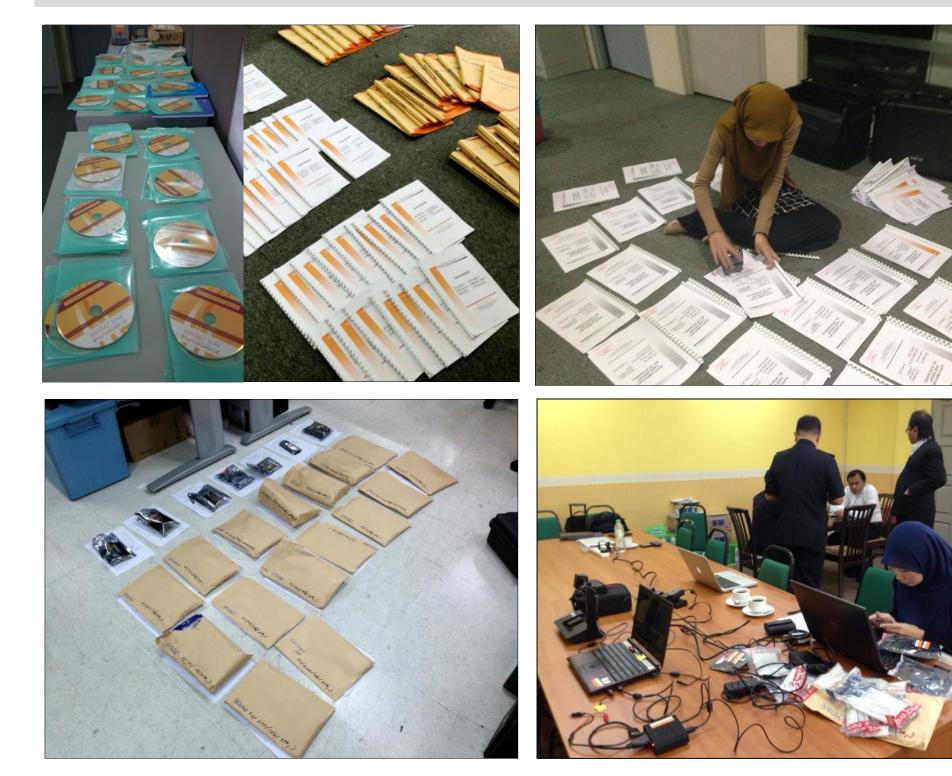
- Was involve as part of DVI team
   – Disaster Victim Identification
   Team
- Recovered many phones, memory cards, SIM cards and pendrive from all deceased at ground zero.
- Clean and dry all digital evidences and did some basic data recovery process.
- Manage to get full data from all the device with a lot of • communication data been used for investigation.





## Lahad Datu Intrusion,

February 2014





08 NEWS WITHOUT BORDERS thesen ON TUESDAY | JANUARY7, 2014

## Trial on Lahad Datu intrusion begins

 High Court sits in prisons dept for 30 being tried over terrorism charges

KOTA KIMABALU: A trial opened yesterday in the High Court, ' which sai the Sabah Prisons Department, where three Malaysians and 27 Filipinos are charged mainly with waging war against the Yang di-Pertuan Agong and activities related to terrorism in Sabah entivitat year.

In Shoun early last year. The prosecution's first witness, former deputy director of the Internal Security and Public Order Department (Special Operations Command) Bukit Aman, Datuk Abdul Rashid Harun, told the court he noticed a difference in the number of "intruders" in Kampung Tanduo, Lahad Datu, when he artered the village twice

on different dates. "The majority of them were different from the ones I saw the day before. But, they were all wearing the same type of uniform



with camouflage prints and they were armed," he said.

number of intruders, there were new faces compared to the ones I saw and met on my first visit, he added. Abdul Rashid, who is now the director of the Security and Public

Order Division of the Eastern Sabah Security Command (ESSCom) in Lahad Datu, said that on the first day of his visit on Feb 15, he was disguised as a police ersonnel with the rank of ergeant major. Of the 30 individuals being inity tried for various offences in abah between Feb 12 and April 10, 2, including two locals, are charged with being members of a errorist group, punishable with fie imprisonment and a fine, and waging war against the Yang dibertuan Accounce which carries the

DIS +





Mac 2014



iendapati log simulat hilang pada 3 Februa » CUBA RUNGKA Polis, CyberSecuri MAS dan pakar asii

» 3 PERMAINAN Simulator mempunya Flight Simulator X, Fligh Simulator 9 dan Fligh Simulator X Plane 10

O BERITA MUKA 2, 4, 6, 7, 8, 10, 11, 12



SIMULATOR

a participation

## **2 O NASIONAL**

**FBI analisis simulator** 

### » Pakar luar negara berusaha dapatkan log data hilang

► Washington

Biro Siasatan Persekutu-an (FBI) secara rasmi menyertai siasatan kehilangan pesawat MH370 dan dijangka mula menganalisis komputer dan simulator yang diambil dari rumah Kapten Zaharie Ahmad Shah, minggu ini.

Menurut laporan USA Today, seorang pegawai penguat kuasa perundangan persekutuan Amerika Syarikat berkata, komputer dan simulator itu berkemungkinan besar dihantar ke makmal FBI di Quantico, Virginia.

Sementara itu, Peguam Negara AS, Eric Holder, keduadua kerajaan sudah mengadakan "perbincangan berteru-

san mengenai bagaimana kita membantu Kerajaan Malaysia, dang media semalam. boleh membantu."

pihak berkuasa, tetapi kita tidak mempunyai sebarang teori (mengenai punca kehilangan pesawat itu)," katanya di sini semalam.

Sejak kehilangan pesawat itu, FBI dan Jabatan Keadilan AS menawarkan diri untuk

#### Kita bekerjasama dengan

pihak berkuasa, tetapi kita tidak mempunyai sebarang teori (mengenai punca

kehilangan

Eric Holder,

pesawat itu)"

Peguam Negara AS

tetapi sehingga kini tidak di-"Kita bekerjasama dengan jemput secara rasmi untuk menyertai siasatan.

#### Log dipadam

Sementara itu, di Sepang, Ke- mulator Nine dan Flight Situa Polis Negara, Tan Sri Khalid Abu Bakar, berkata siasatan terhadap simulator Kapten Zaharie mendapati log da-

tanya telah dipadamkan pada 3 Februari lalu, tetapi kandungannya tidak diketahui. Justeru, polis

dengan bekerjasama CyberSecurity Malaysia, Penerbangan Malaysia (MAS)

dan pakar luar negara sedang berusaha mendapatkan kaitkan dalam kehilangan itu semula data serta maklumat yang dipadamkan serta maklumat lain dalam simulator.

#### Teliti log data

"Mereka sedang meneliti log numpang MH370 yang data yang dipadamkan daripada simulator yang diambil dari rumah Zaharie pada khabar berita selepas 12 hari Ahad lalu," katanya pada si- pesawat itu hilang.



MH 57









Khalid juga berkata, siasatan mendapati simulator berkenaan mempunyai tiga permainan penerbangan, iaitu Flight Simulator X, Flight Si-

mulator X Plane 10.

tanya.

"Pakar kita sedang menelitinya. Tetapi, apa yang penting, semua ahli keluarga juruterbang dan pembantunya memberikan kerjasama penuh dalam siasatan," ka-

Khalid juga menegaskan, semua penumpang, juruterbang dan kru MH370 tidak boleh disehingga dibuktikan.

Beliau turut meminta semua pihak tidak membuat sebarang spekulasi yang mungkin menyukarkan keluarga pemengharungi tempoh amat mencabar tanpa sebarang



1ARCH 28, 2014

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According to two unnamed individuals

informed of the US investigators' findings,

UALA LUMPUR, March 28 — The US Federal Bureau of Investigation recovered no criminating evidence from the hard drives and a flight simulator belonging to two ilots on Malaysia Airlines flight MH370, the New York Times reported citing onymous sources.



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information obtained from the items taken from the homes of the tw aviators on March 15 vielded few clues that could further the probe into the plane's disappearance on March 8 with 239 people on board

But one of the sources, a former US law enforcement agent, said this did not mean that the data should be discarded.





Ops SAR MH370, Mac 2014

- More than 2000 CCTV cameras with recording for 2 months of activities at KLIA airport was analyzed
- The pilot full set of personal computer (flight simulation game) system) that found at his house was analyzed
- voice recording of the MH370 and ATC communication was analyzed







### RMP FORENSIC LAB



**Ops Tiris UPSR** Oct, 2014



ran kertas soalan Uijan Pencapaian Sekolah "la juga telah menjadi satu perkara polis dan h (UPSR) Matematik dan Bahasa Tamil selepas kami percaya mereka yang bertanggungjawab ran polis dibuat mengenai perkara itu. akan didakwa sepenuhnya di sisi undang KHAMIS, 18 SEPTEMBER 2014 @ 10:51 AM

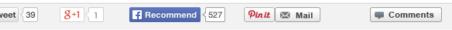


- Task force led by PDRM, which consist of CSM and MCMC as member
- Question set was distributed via *Whatsapp* mobile phone application
- Case Objective: to identify sharers of the **UPSR** exam questions
- The task force team succeeded in making a correlation between senders and receivers, resulting in arrestments of several suspects

## UPSR: Polis, Kementerian Pendidikan siasat dakwaan kertas Bahasa Tamil, Matematik

#### bocor

Astro Awani | Kemas kini: September 21, 2014 (Diterbitkan pada: September 21, 2014 19:11 MYT



Kementerian Pendidika sedang menyiasat dakwaan kebocoran kertas soalan Ujian Pencapaian Sekolah Rendah (UPSR) Aatematik dan Bahasa Tamil selepas laporan olis dibuat mengenai perkara itu

Perkara ini disahkan oleh Timbalan Menteri Pendidikan II, P. Kamalanatan, yang berkata Pendidikan akan menvetua penviasatan di peringkat kementeriar

### Soalan UPSR bocor: Dua lagi guru direman bantu siasatan

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# MURDER





MINISTRY SAYS DELAYED SPM RESULTS WILL NOT AFFECT STUDENTS CHIL- PAGE 10

DELIVERY MAN CLAIMS CITY HALL DAMAGED HIS RM3,000 BICYCLE NEWS - PAGE 13

EXCLUS

MALA/SIA RETAINS POSITION AS MOST ATTRACTIVE MANUFACTURING SITE DUSINESS - PARENG

## ASSASSINATION OF KIN JONG-KAIN COPS ZOOM N. KOREAN AGENTS

POLICE are working to identify four North Korean operatives who, they believe, may have engineered the assassination of Kim Jong-nam at klia2 last Monday.

INVESTIGATORS HAVE CCTV IMAGES OF THREE OF THEM AT AN LATERY FROM 7.30AM, RIGHT UP TO THE POINT THE ATTACKERS STRUCK.

THE FOURTH OPERATIVE HAD BEEN TRAILING THE VICTIM CLOSELY AS THE HIT WAS EXECUTED.

THE NORTH KOREAN OPERATIVES HAD BEEN TRACKING JONG HAN'S HOVEMENTS FOR ABOUT A YEAR TO ESTABLISH HIS TRAVEL PATTERN.

- REPORTS OF FARRANIAZ KARDM AND HARIZ HOND ON PAGES 2, 3, 4 & 4; PICTURES ON PAGE 8

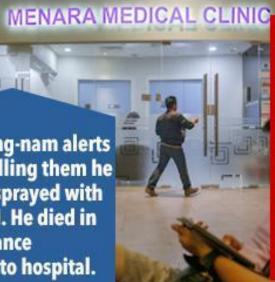


3. One woman reportedly covered Kim Jong-nam's face with a handkerchief while the other 'sprayed him with a poison filled pen'

1. Kim Jong-nam, half brother of North Korean tyrant Kim Jong-un, arrives at Kuala Lumpur International Airport, Malaysia, at 9am on Monday

2. As Kim Jong-nam approached the check-in desk holding a fake passport he was reportedly attacked by two women

4. Kim Jong-nam alerts medics, telling them he has been sprayed with a chemical. He died in an ambulance travelling to hospital.



5. A woman seen in CCTV footage wearing a sweatshirt with 'LOL' emblazoned across the front is arrested

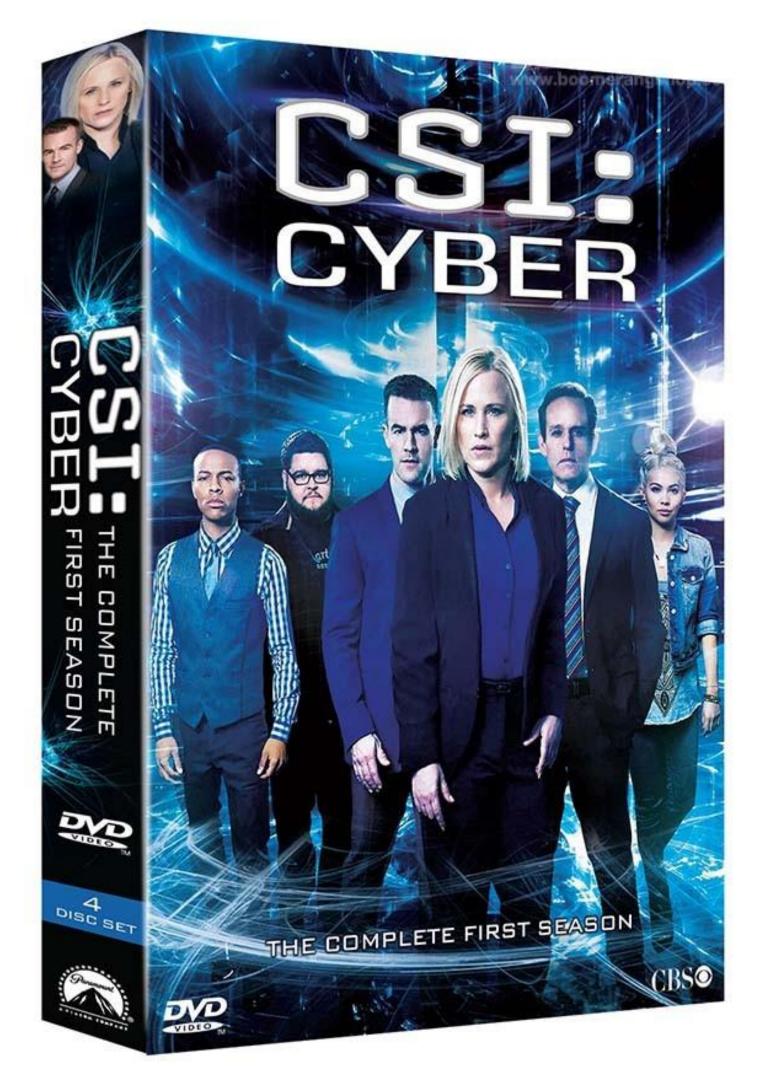


## **DIGITAL FORENSIC EXPERT CERTIFICATION**















ACP MUHAMMAD ZULKIFLY BIN MOHD ISA HEAD OF PHYSICAL SECTION EnCE, ACE, ENSA, CHFI, CEH

muhdzulkifly@rmp.gov.my 603 9106 5745

## Q&A

