



# SINGAPORE

## Effective Use of Technology in Enhancing Cross-Border Cooperation between LEAs



To combat corruption through swift and sure, firm but fair action

# The Corrupt Practices Investigation Bureau

- ✓ Sole Anti-Corruption Agency in Singapore

- ✓ Functionally independent & reports to the PM

- ✓ Investigate all crimes in the course of PCA investigation

- ✓ Deal with both private & public sectors



*Swift and Sure*

- ✓ Deal with both giver & receiver

- ✓ No consideration for status or taking of any sides

- ✓ Regardless of whether offence is committed in Singapore or abroad

- ✓ Investigate anonymous complaints

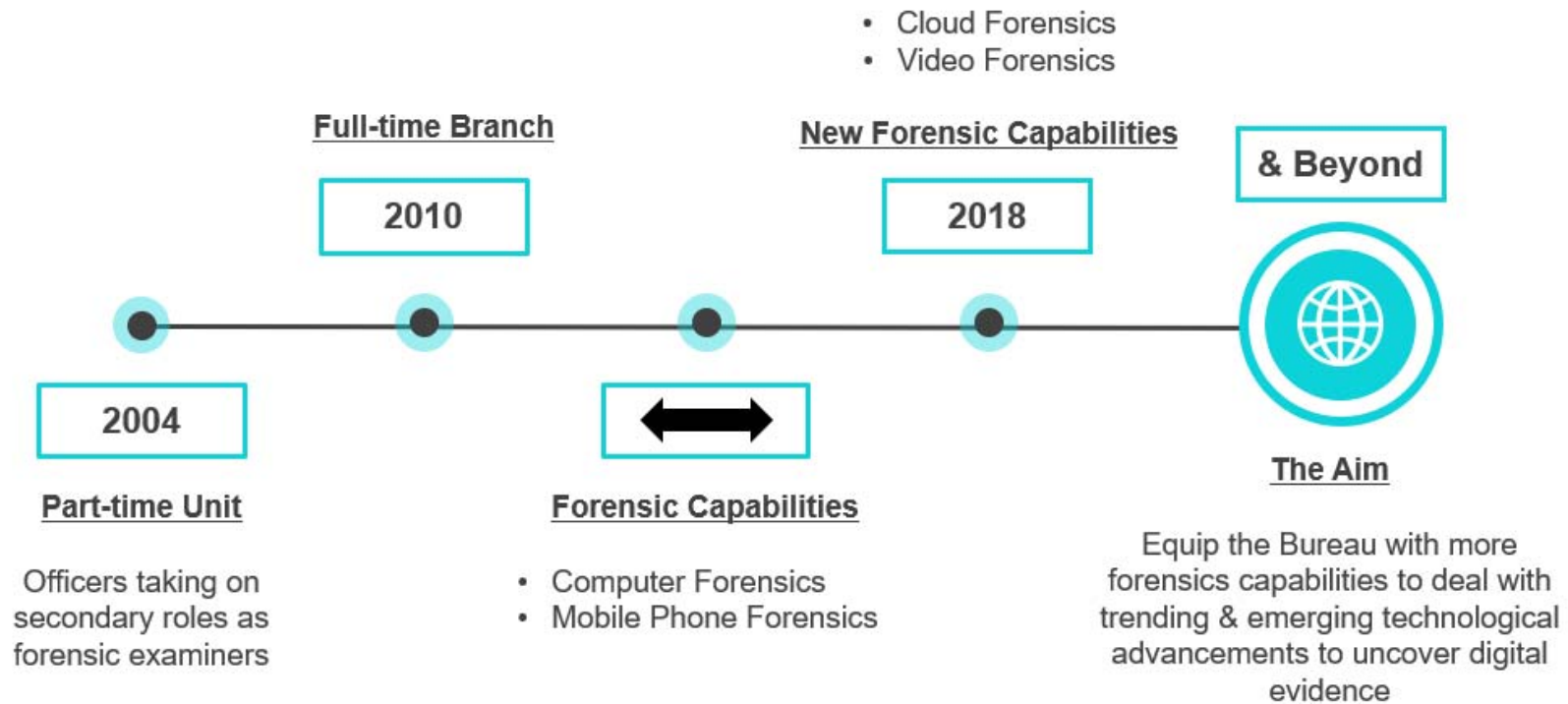
- ✓ No case too big or small

- ✓ No statute of limitations



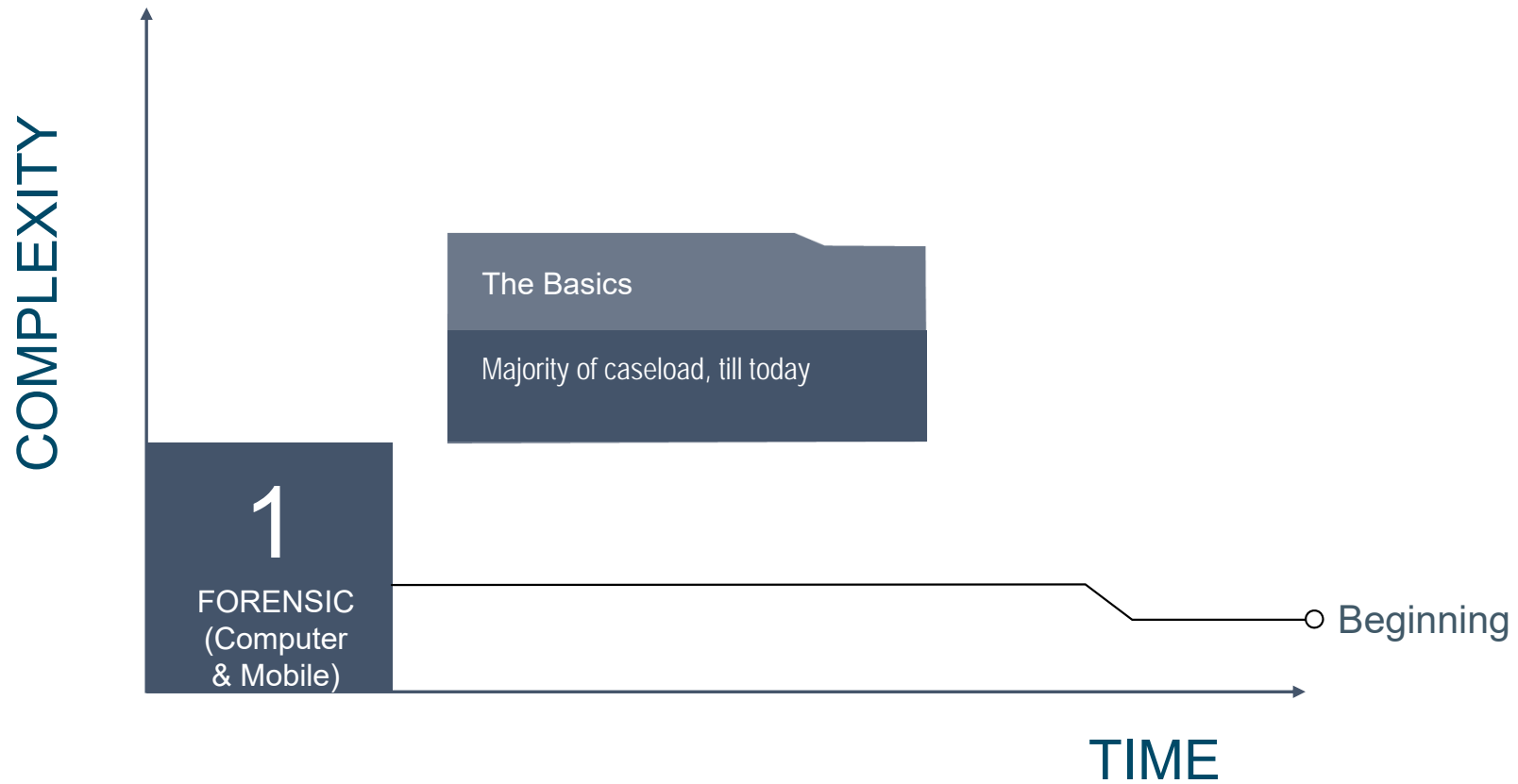
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# CPIB's Journey in Digital Forensics



# CPIB's Journey in Digital Forensics

## *The Route Taken*



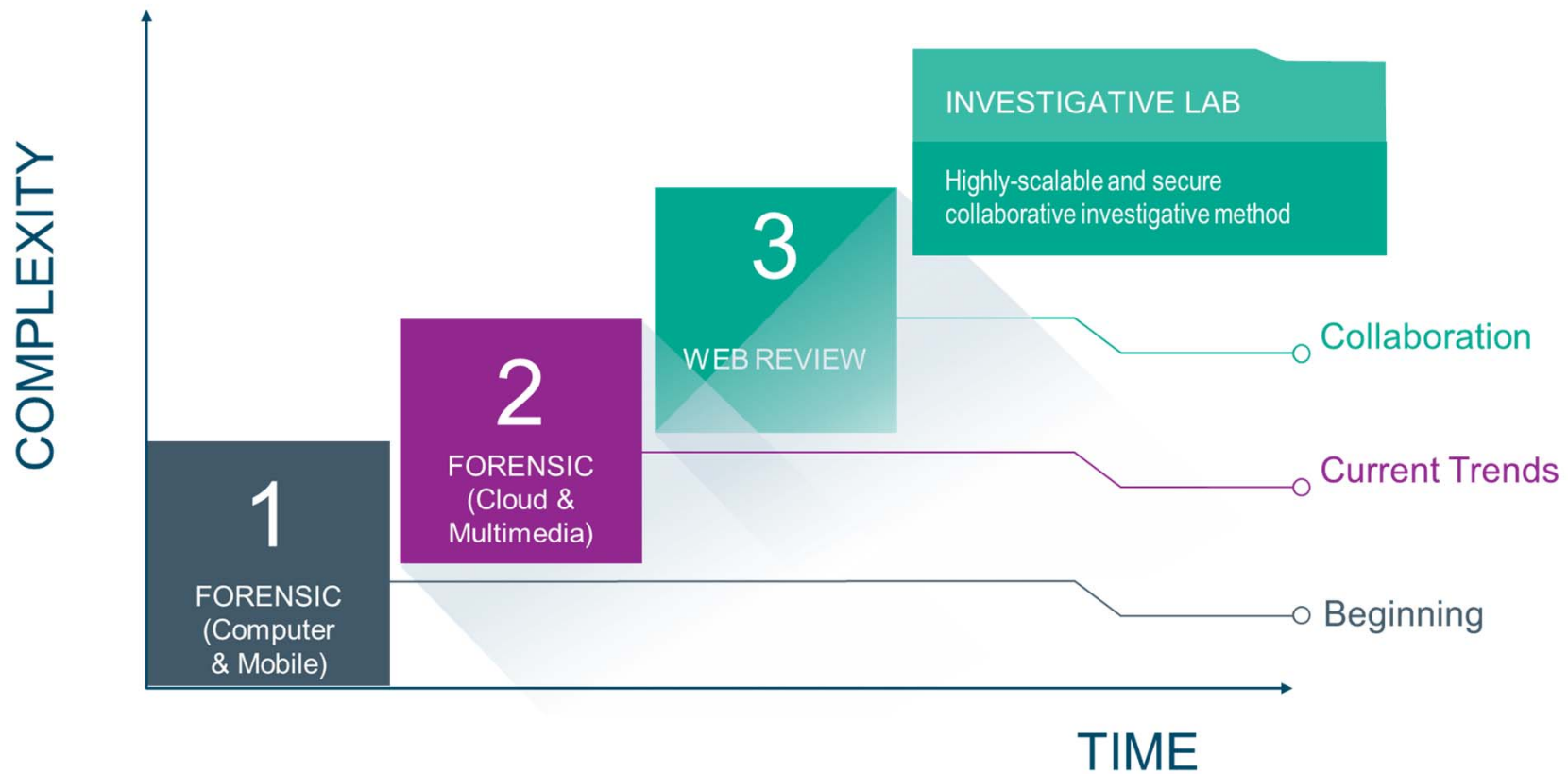
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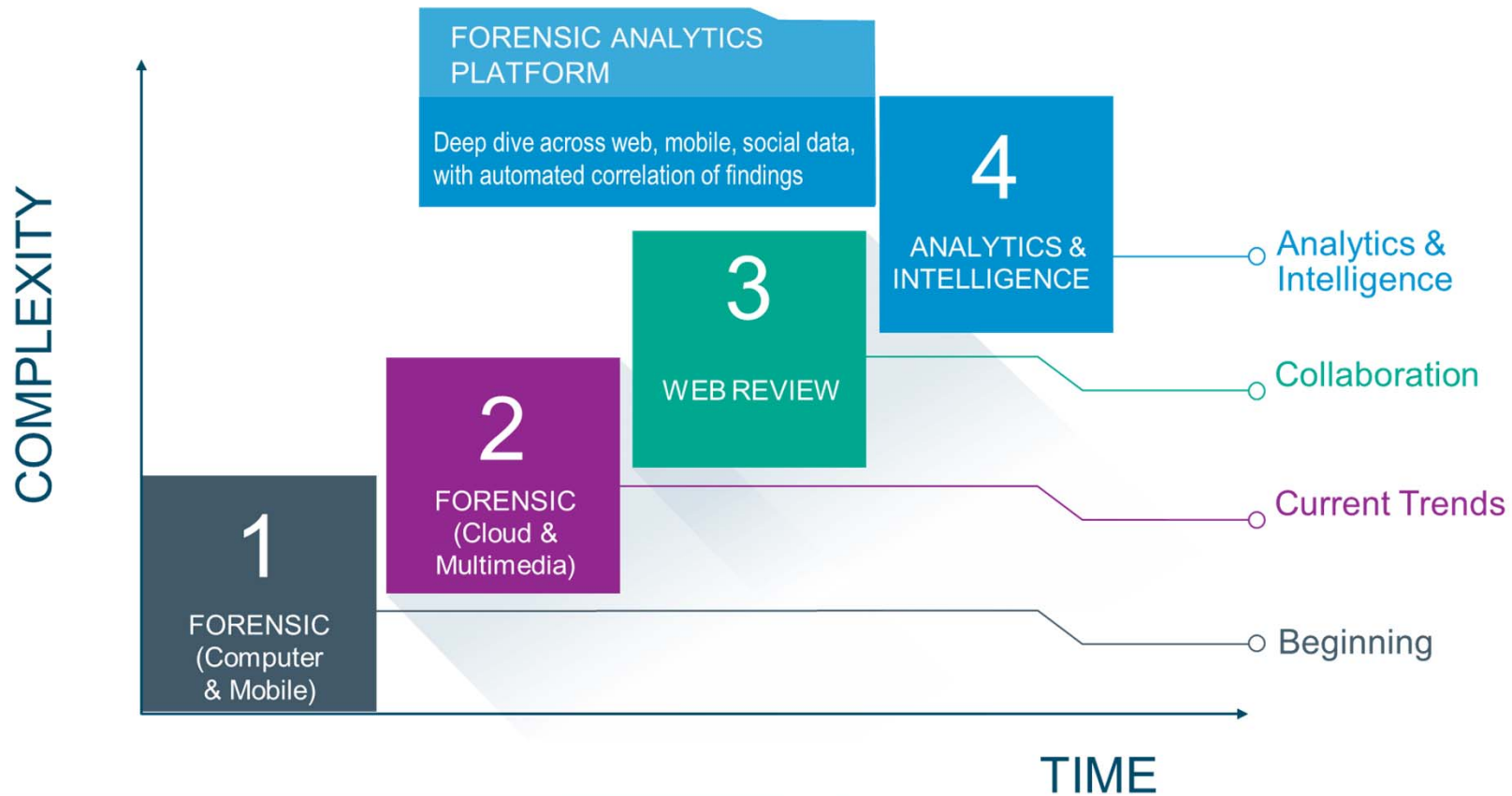
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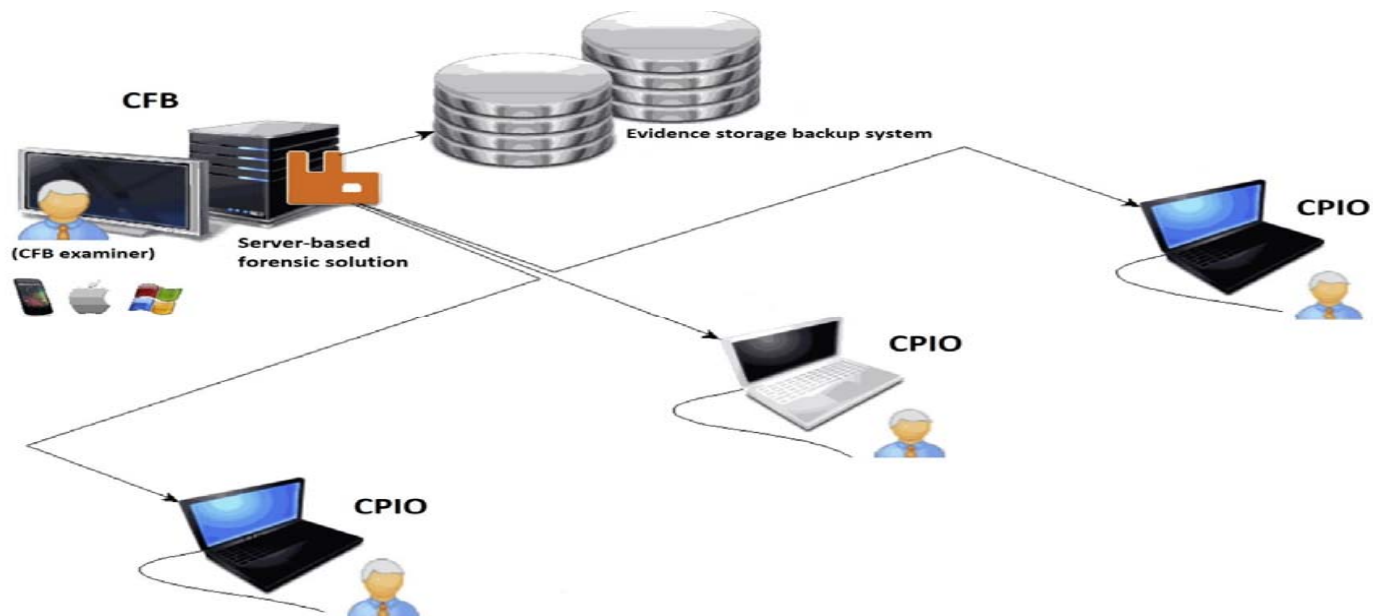
# CPIB's Journey in Digital Forensics

## *The Route Taken*



# CPIB's Journey in Digital Forensics

## *Forensics Design & Workflow*





# CPIB's Journey in Digital Forensics

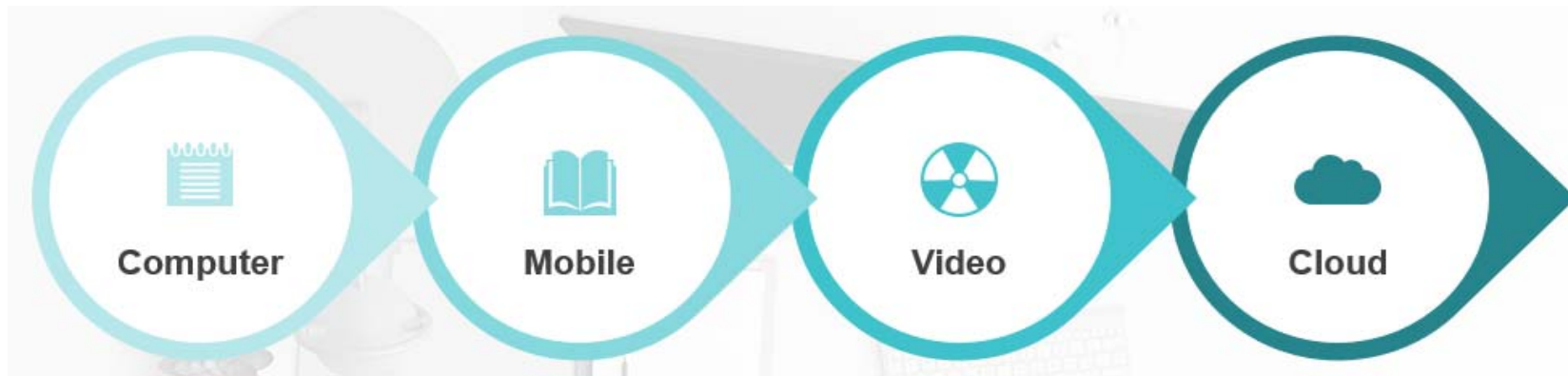
## *Technical Groups that CPIB is part of*

- Local Digital Forensics Group (DFG): Pioneer member, consists of domestic LEAs & forensic practitioners
- INTERPOL Digital Forensics Expert Group Meeting
- Access to EUROPOL Platform for Experts (EPE) website: LEAs sharing on Digital Forensics, OSINT & Crypto-currency
- Asian Forensic Sciences Network (AFSN) Meeting



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# Evidentiary Value of Digital Forensic Materials



**E.g., Desktop Computers, Laptops, Mass Storage devices**

Evidentiary Value

- Emails
- Documents (e.g., Word, Excel, PDFs)

**E.g., Phones & Tablets**

Evidentiary Value

- Chats
- Video/Audio recordings
- Images

**E.g., Phone Recordings & CCTV**

Evidentiary Value

- Blurry video/images
- Correct Perspective
- Colour Enhancement

**E.g., Gmail & Dropbox**

Evidentiary Value

- Emails
- Files & Documents

# CPIB DFB's Analysis Approach

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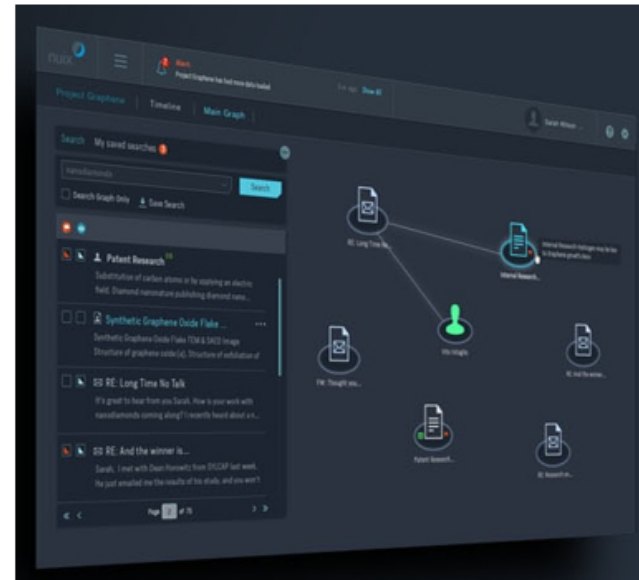
## P.O.L.E. Model



# CPIB DFB's Analysis Approach

## Relationship Driven Analysis

- Combining different devices across different persons into a single interface



# Case Sharing

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- Sharing with domestic counterparts
- Sharing with foreign counterparts
- Overcoming challenges encountered

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# Thank You



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