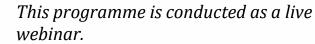


# [Webinar] Technology Behind **Crypto-tracing**





2.30pm - 4.00pm





No. of Public **CPD Points:** 1.0

Practice Area: **Others/Multi**disciplinary

Training Level: General

#### **About the Programme**

In June 2021, the US Justice Department announced that it had traced 63.7 of the 75 Bitcoins (approximating to \$2.3 million) that Colonial Pipeline had paid to hackers as the randomware attack shut down the company's computer systems, prompting fuel shortages and a spike in gasoline prices. In doing so, federal investigators had tracked the ransom as it moved through at least 23 different electronic accounts belonging to DarkSide, the hacking collective, in a very short time. The speed in which the US Justice Department seized most of the ransom was groundbreaking and contrasts starkly with the extended time taken to navigate paperwork, bureaucracy and court systems when one seeks to trace fiat currency.

The US Justice Department could work with such speed because of one of the defining characteristics of cryptocurrency, namely, that it has a publicly-accessible ledger (i.e. the blockchain) showcasing all transactions to the world. For Bitcoin in particular, the Bitcoin ledger can be viewed by anyone who is plugged into the blockchain. What the investigators needed to do was to figure out how to connect the criminals to a digital wallet which stored the Bitcoin, and then tracking the Bitcoin transfers through the blockchain.

How does the technology actually work though?

Join Danny Quah, Director, TSMP Law Corporation as he interviews Joshua Foo, Regional Director of Chainalysis Inc to get an insight into how crypto-tracing actually works. The webinar will cover:

- Blockchain 101: the fundamental building blocks of cryptocurrency
- Understanding public and private keys
- Who are the key players in the cryptocurrency ecosystem?
- Decentralization and Transparency: de-anonymizing cryptocurrency transactions
- The tools used for cryptocurrency tracing
- A live demo on how Chainalysis traces cryptocurrency on the blockchain

Chainalysis Inc is the world's leading company specialising in providing blockchain data analytic tools. It provides data, software, services, and research to government agencies, exchanges, financial institutions, and insurance and cybersecurity companies in over 60 countries. Its data powers investigation, compliance, and market intelligence software that has been used to solve some of the world's most high-profile criminal cases and grow consumer access to cryptocurrency safely.

Admin Note to Singapore Practitioners and s36B Foreign Lawyers in relation to the Mandatory CPD Scheme:

No of Public CPD Points: 1.0 Practice Area: Others/Multi-disciplinary Training Level: General

Participants who wish to obtain CPD Points are reminded that they must comply strictly with the Attendance Policy set out in the CPD Guidelines. For this activity, this includes logging in at the start of the webinar and logging out at the conclusion of the webinar in the manner required by the organiser, and not being away from the entire activity for more than 15 minutes. Participants who do not comply with the Attendance Policy will not be able to obtain CPD Points for attending the activity. Please refer to <a href="http://www.sileCPDcentre.sg">http://www.sileCPDcentre.sg</a> for more information.

Note: In the course of the event, photographs/videos/interviews of participants could be taken/conducted by the Law Society or parties appointed by the Law Society for the purpose of post event publicity, either in the Law Society's official publication/website, social media platforms or any third party's publication/website/social media platforms approved by the Law Society.

## **Programme Outline**

Time	Programme	
2.00pm – 2.30pm	Registrants to log on	
2.30pm – 3.30pm	Technology Behind Crypto-tracing (including case study and showcasing of technology)	
	Joshua Foo – Managing Director, Chainalysis Inc (ASEAN and Central Asia)	
3.30pm – 4.00pm	Question and Answer Facilitated by Danny Quah – Director, TSMP Law Corporation	
4.00pm	End	

## **Speakers' Profile**



# Joshua Foo – Managing Director, Chainalysis Inc (ASEAN and Central Asia)

Joshua is the Regional Director of the ASEAN and Central Asia Region at Chainalysis, addressing customer needs, building long-term relationships and driving business growth across the region. Prior to joining Chainalysis, he spent 18 years in the IT and Cybersecurity space, managing infrastructure and security teams in the Singapore government before moving to the private sector as the Sales Director for FireEye, RSA and Carbon Black/VMware. Since joining Chainalysis, he has spoken at multiple events, conferences, and to regulators and law enforcement, championing the power of blockchain in providing trust in cryptocurrency. He lives in Singapore.



#### Danny Quah – Director, TSMP Law Corporation

Danny is a commercial litigator who regularly represents HNWIs, professionals, C-Suite executives and companies in cross-border, high stake business disputes. He regularly acts on matters involving contentious restructuring and insolvency, tax disputes, and fraud and asset recovery. He speaks and publishes regularly on crypto-related disputes.

Danny's clients appreciate his ability to "*explain complex legal topics in such* a way that also our colleagues from the business understand" and his "*high level of emotional awareness*".

#### **Registration Fees**

Membership Category	Fees (Inclusive of 7% GST and course materials)
Law Society Member	\$32.10
SCCA Member	\$57.78
Non-Member	\$64.20

To register, please visit our website at: <u>https://www.lawsociety.org.sg/CPD-Portal/Law-Society-Events</u>. For enquiries, please contact us at <u>cpd@lawsoc.org.sg</u> or 6530-0239.

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- 1.1 Registration closes on the date as stipulated on the registration page or when all seats are filled.
- 1.2 The registration fee is due and payable upon registration and must be received prior to the programme.
- 1.3 Payment must be made by the closing date stated. Registration will only be confirmed upon receipt of full payment. An email confirming your registration will be sent to the email address provided in your registration, and/or a message confirming your registration will be displayed on the Website. If you do not receive confirmation of your registration within twenty-four (24) hours of your registration, please contact the Law Society CPD team at cpd@lawsoc.org.sg.
- 1.4 The Law Society reserves the right to refuse to register or admit any participant, and to cancel or postpone the programme.
- 1.5 If you are unable to attend, a substitute delegate is welcomed, provided that the Law Society is notified in writing of the name and particulars of the substitute delegate at least 3 working days before the programme.

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  - i. 20 calendar days before commencement date: 25% of registration fee.
  - ii. 8 to 19 calendar days before commencement date: 50% of registration fee.
  - iii. 7 calendar days or less before commencement date: 100% of registration fee.
- 2.3 Participants who cancel their registration without prior payment made shall also be liable to the cancellation fee set out in 2.2. In the event that the payment for cancellation fee is not received despite multiple chasers, a tax invoice will be issued and mailed to your law practice/organisation.
- 2.4 Participant who is unable to attend the programme due to medical exigencies will be subject to a cancellation fee of 50% of registration fee.

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#### 4. Data Protection

- 4.1 All personal information you disclose to us in the registration form will be processed in accordance with the Personal Data and Protection Act. We will not share your contact details without your written consent.
- 4.2 By submitting this registration form, you consent that the Law Society may collect, use and disclose the personal data you provide in this form to administer your registration for this event and for statistical, analysis and planning purposes, solely related to this programme. You consent that we may disclose: (i) aggregate participant data to speakers to tailor their presentations for this event; (ii) aggregate participant data for publicity purposes.
- 4.3 You agree that any personal information you submit as part of your registration for the programme is accurate and that you have all necessary permissions to submit such personal information.