



Disclaimer: These slides are originally presented in CSA APAC Congress 2018, Manila, Philippines.
Do not distribute or recreate copies. For more information please email: membership@csaphilippines.org

Blockchain Technology & Internet of Things

Facilitated by Dr. Joe Chan
CEO Advstar Hong Kong

Workshop : 15:30- 17:00

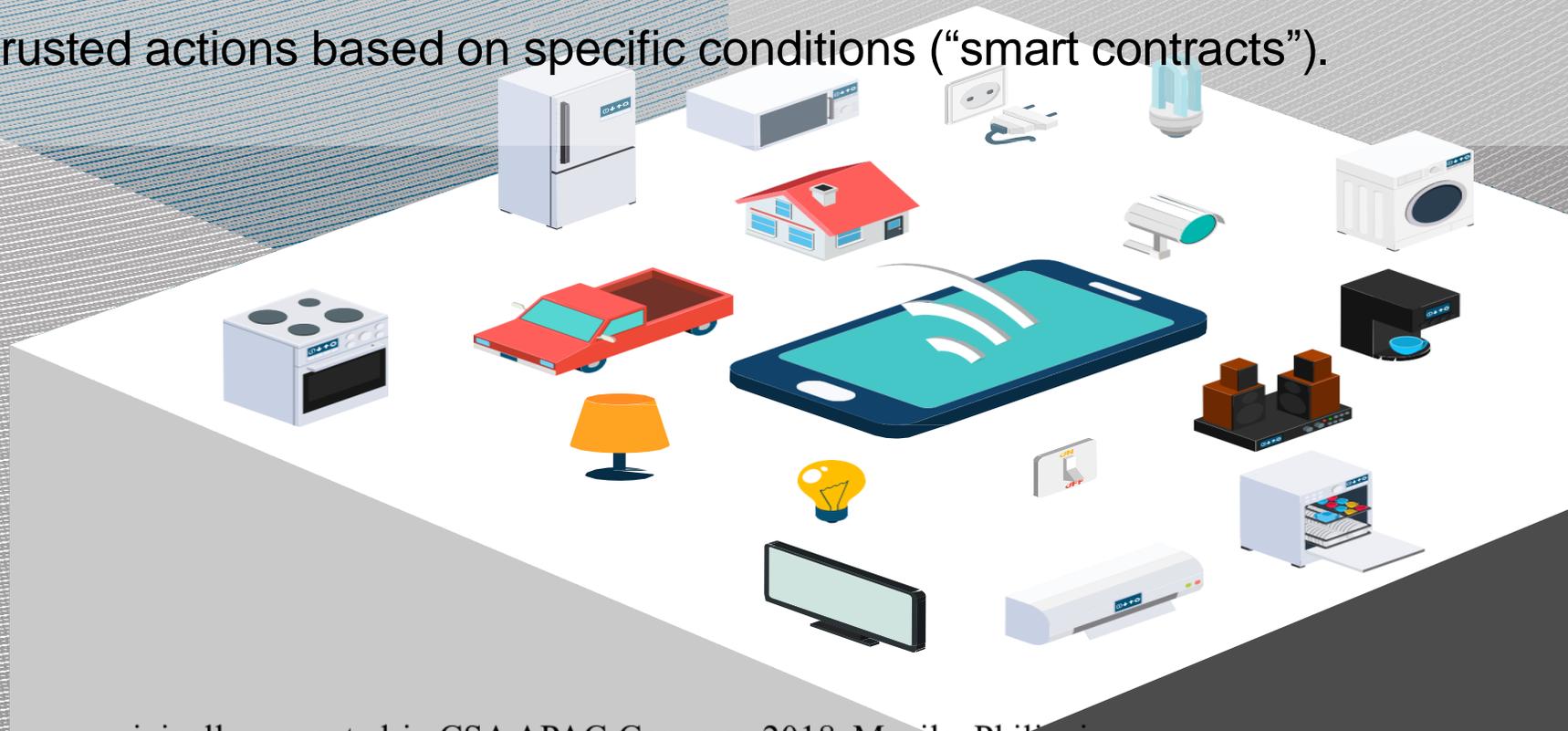


BACKGROUND

BLOCK CHAIN

a public and distributed ledger of transactions grouped into blocks, promises to:

1. Increase speed, efficiency, and security of ownership transfer of digital assets
2. Eliminate need for central authorities to certify ownership and clear transactions
3. Reduce fraud and corruption by providing a transparent and publicly auditable ledger
4. Reduce administrative cost using agreements that can automatically activate, secure and certify trusted actions based on specific conditions (“smart contracts”).



Disclaimer: These slides are originally presented in CSA APAC Congress 2018, Manila, Philippines.

Do not distribute or recreate copies. For more information please email: membership@csaphilippines.org

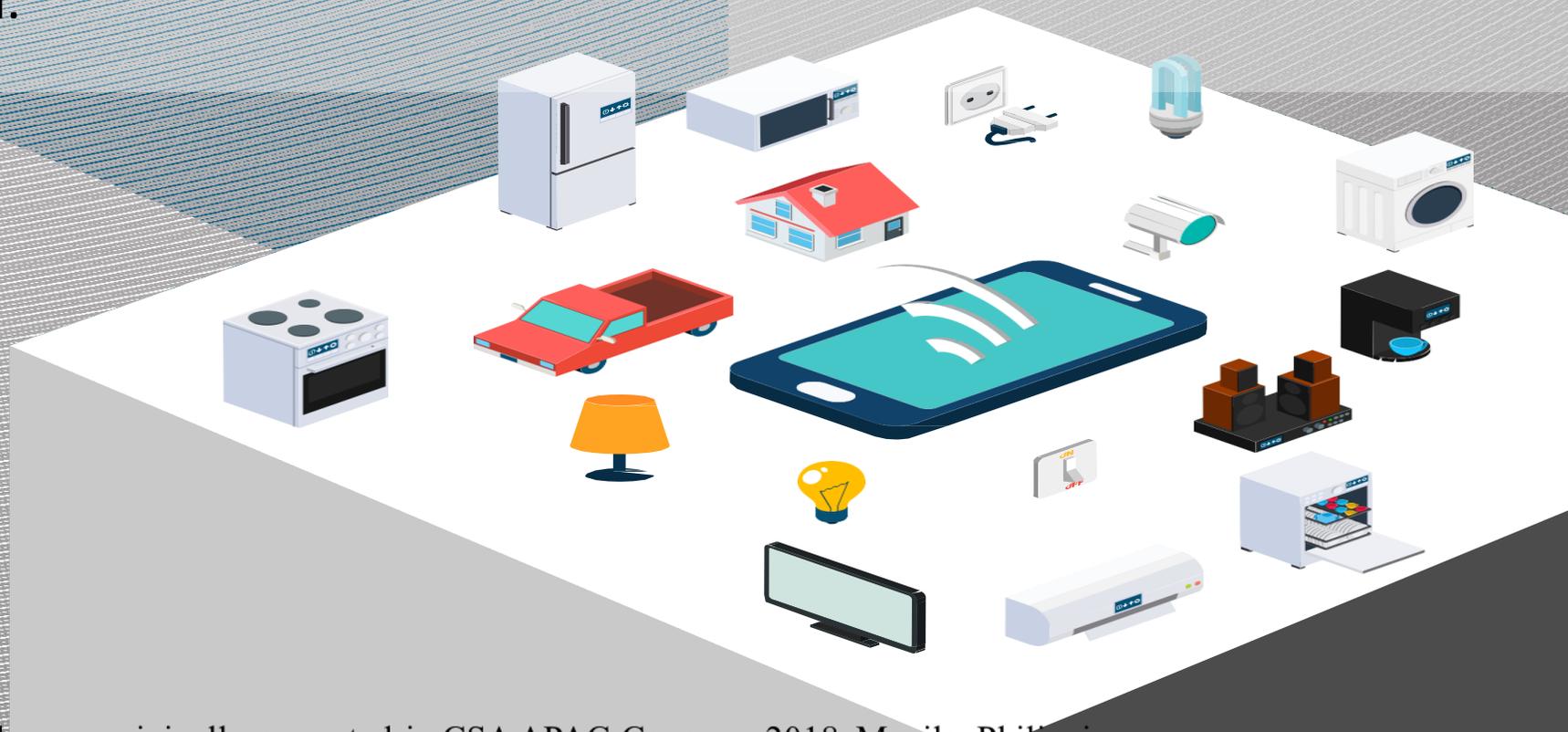
Current Challenges of Blockchain

1. Identify relevant USE cases that would benefit from the integration of blockchain technology.
2. Explore the use of blockchain to securing the Internet of Things (IoT) .
3. Create projects that Focus on IoT security through the application of blockchain.



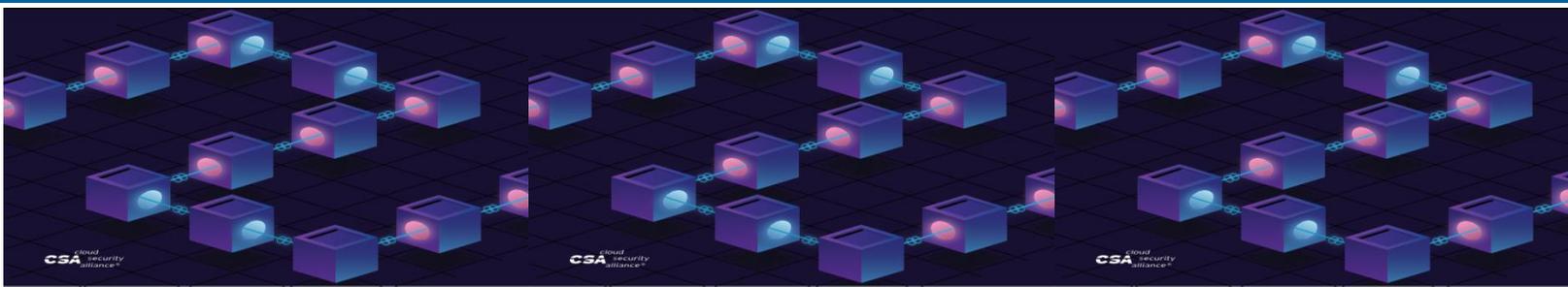
Current Challenges of Blockchain

1. Identify relevant USE cases that would benefit from the integration of blockchain technology.
2. Explore the use of blockchain to securing the Internet of Things (IoT) .
3. Create projects that Focus on IoT security through the application of blockchain.



Disclaimer: These slides are originally presented in CSA APAC Congress 2018, Manila, Philippines.

Do not distribute or recreate copies. For more information please email: membership@csaphilippines.org



FRAMEWORK OF THE WORKSHOP

1. Elect a Designated leader in a Team

- A designated Leader will act to help and remain in contact with Dr. Joe Chan as he facilitate the working group.

2. Elect a workshop Secretary

- A secretary will write the minutes and outcome of the technical working group in a powerpoint presentation , to be presented later at the end of the conference.

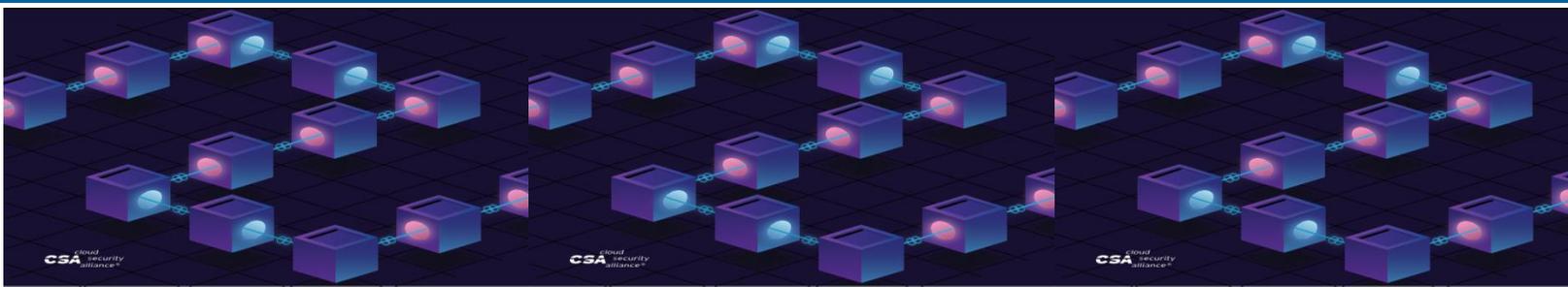
3. Brainstorm and answer the 5 Guide Questions in a work shop (10 minutes are allotted in each questions)

- 4. There is no right or wrong answers, everybody is free to share and contribute their ideas.

5. For further questions, please don't hesitate to ask questions and ideas from Dr. Joe Chan.

Disclaimer: These slides are originally presented in CSA APAC Congress 2018, Manila, Philippines.

Do not distribute or recreate copies. For more information please email: membership@csaphilippines.org

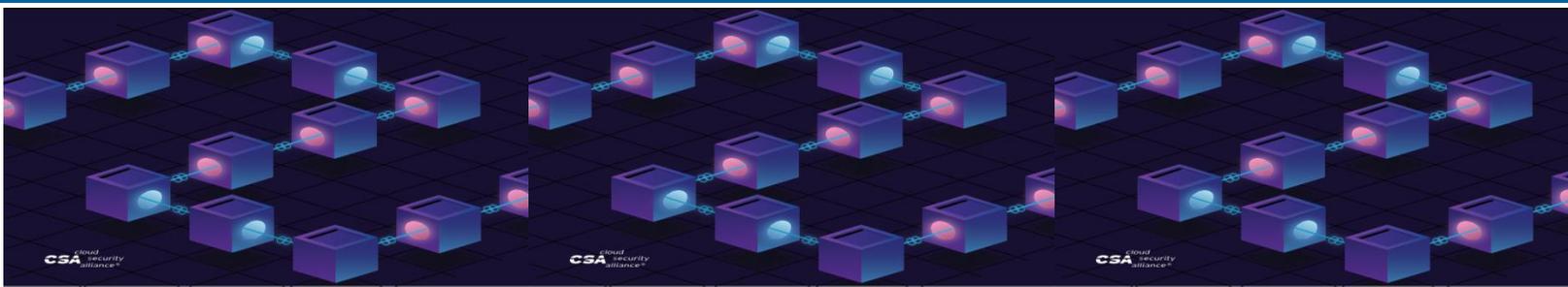


FRAMEWORK OF THE WORKSHOP (10 minutes)

1. Elect a Designated leader in a Team (5 minutes)
 - A designated Leader will help and remain in contact with Dr. Joe Chan as he facilitate the working group.
2. Elect a workshop Secretary (5 minutes)
 - A secretary will write the minutes and outcome of the technical working group in a powerpoint presentation , to be presented later at the end of the conference.

Disclaimer: These slides are originally presented in CSA APAC Congress 2018, Manila, Philippines.

Do not distribute or recreate copies. For more information please email: membership@csaphilippines.org



GUIDE QUESTIONS OF THE WORKSHOP

1. What are Block chains applications in the Philippines? (10 minutes)
2. What are Block chains applications in Hong Kong? (10 minutes)
3. What are Internet of Things (IOT) security challenges currently the Philippines is facing today? (10 minutes)
4. Why block chain is needed to make these applications secure? What are the benefits of securing these applications? (10 minutes)
5. How do we secure the use of Block chain in Internet of Things? Are there any additional security needed when we combine block chain and IOT? (10 minutes)
6. Wrap- up (5 minutes)
7. Presentation of outcome of the working group

Disclaimer: These slides are originally presented in CSA APAC Congress 2018, Manila, Philippines.
Do not distribute or recreate copies. For more information please email: membership@csaphilippines.org



CSAAPAC
ASIA PACIFIC REGION