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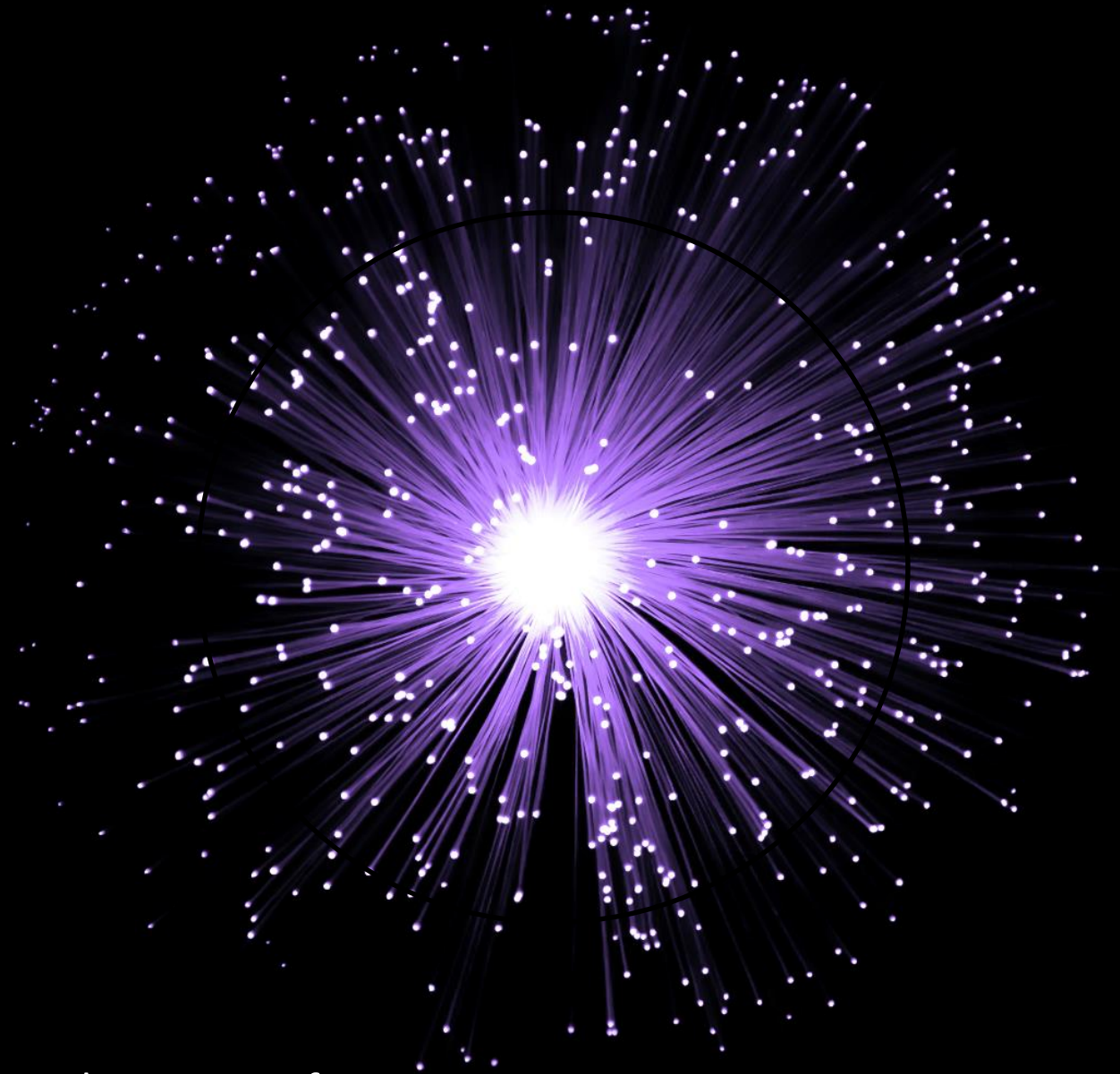

Technology Advancement on the Future of Logistics

Paul Sin, Ph.D. | Partner, Deloitte Consulting
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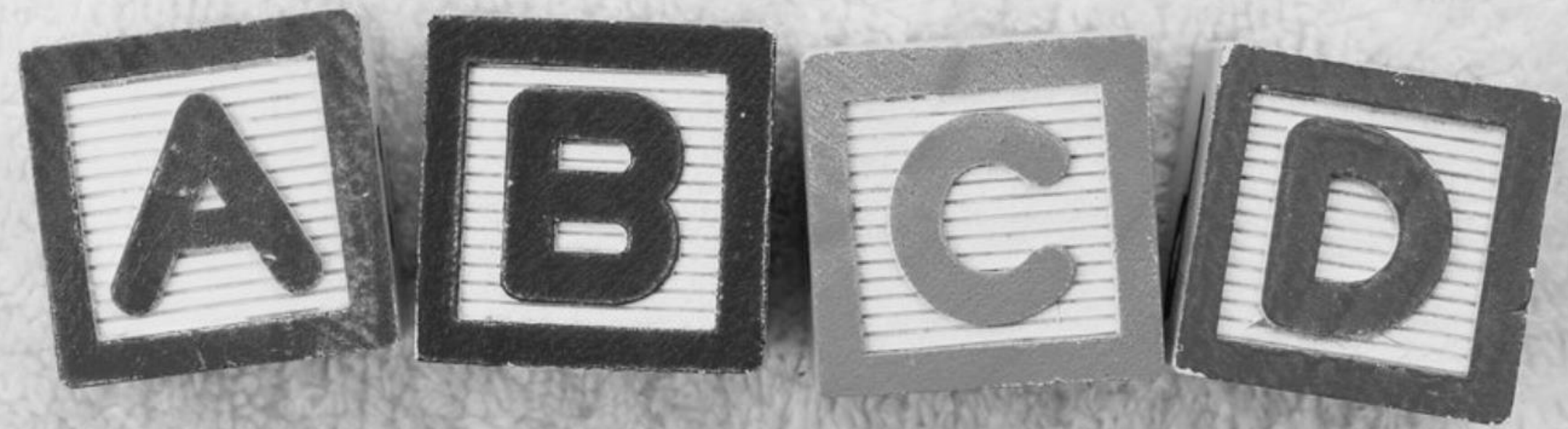
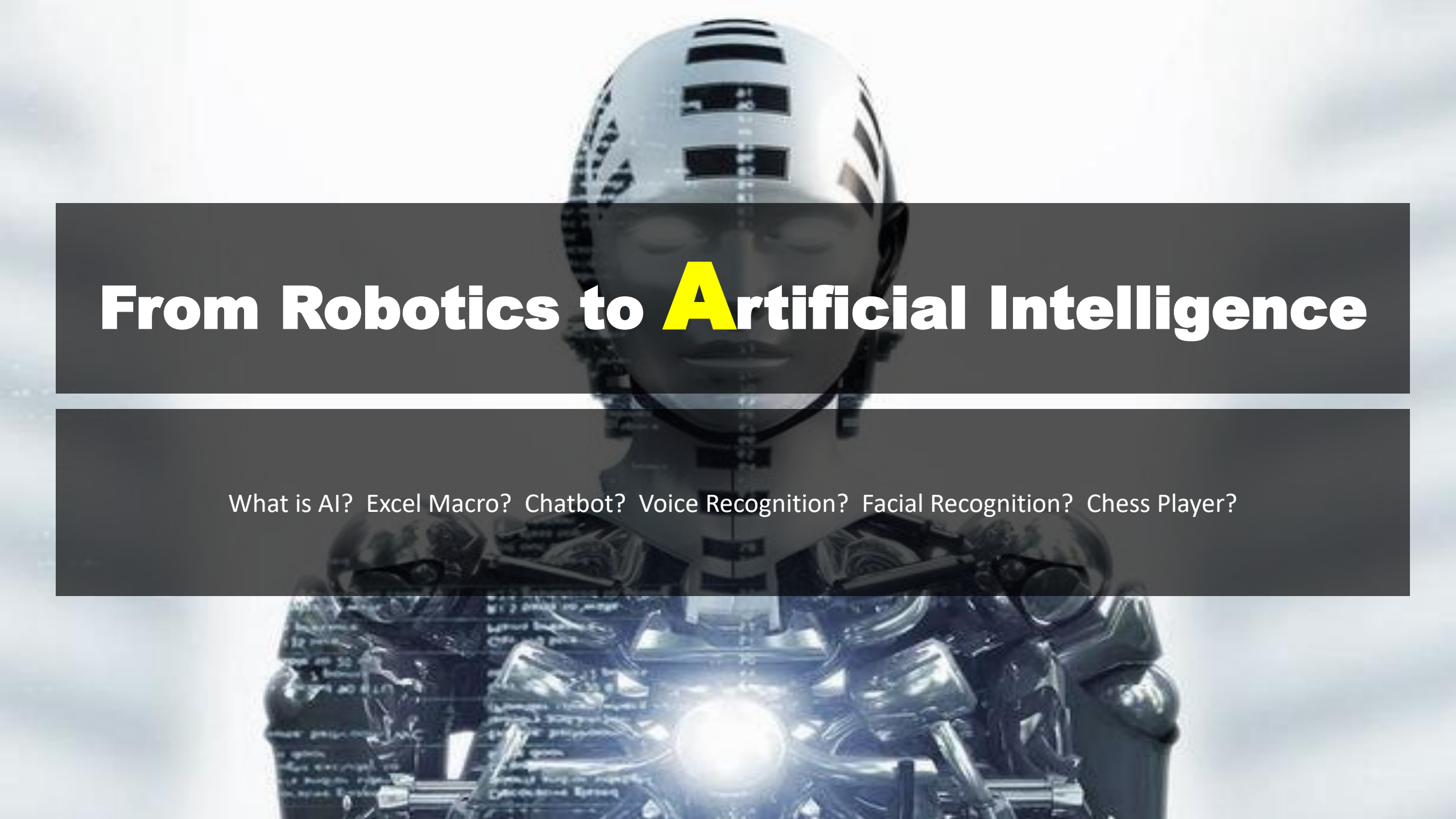
Asia Pacific
BLOCKCHAIN LAB



What are the Technology Advancements?



From Robotics to Artificial Intelligence

What is AI? Excel Macro? Chatbot? Voice Recognition? Facial Recognition? Chess Player?

RPA POC Demo

I can process all tedious jobs.

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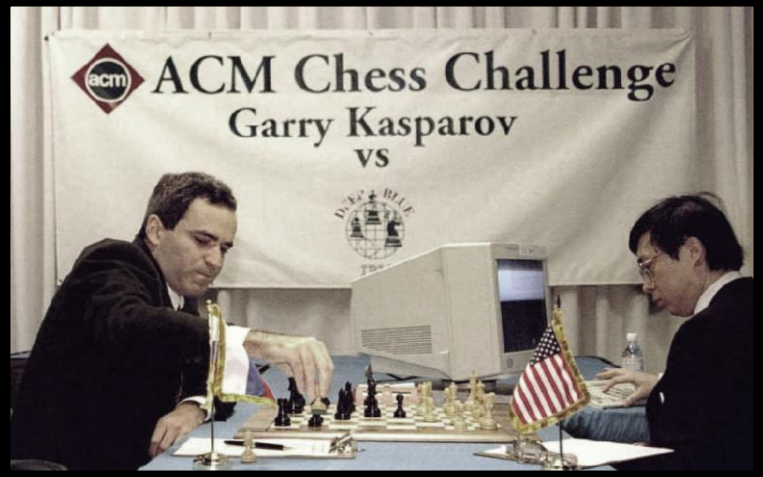
1996



2011

2015

What was the Difference?

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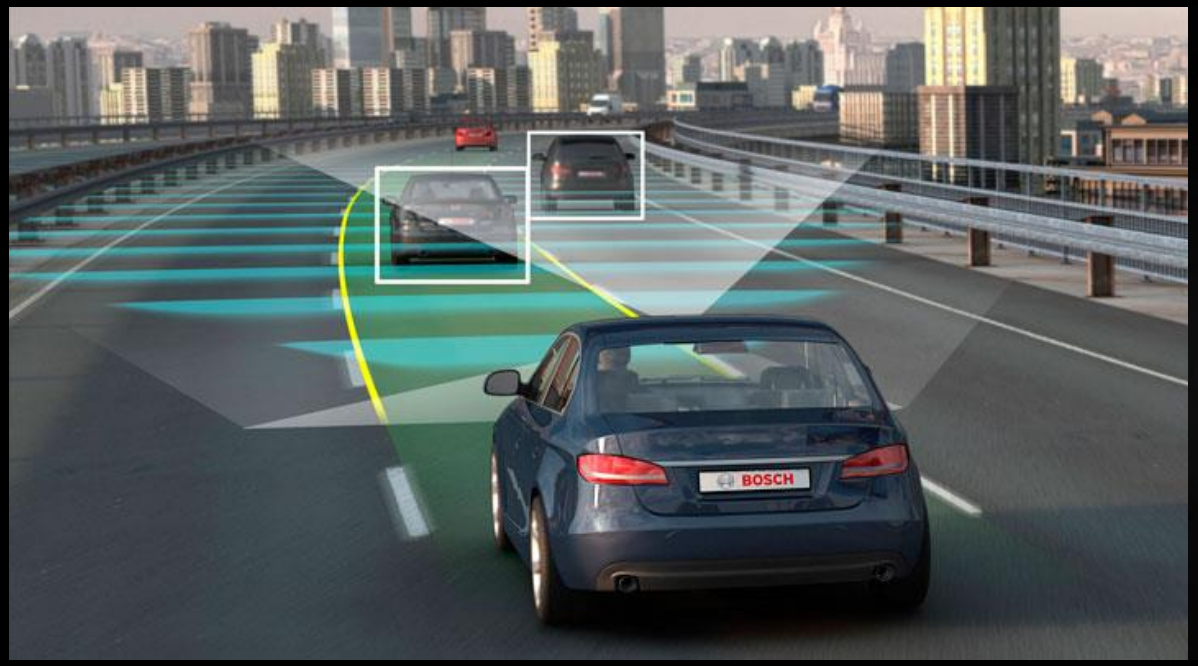
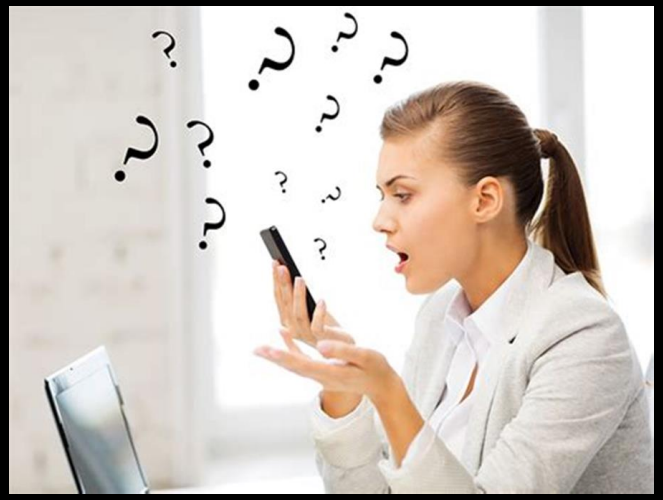
Chinese
English
Spanish
Detect language
Chinese (Traditional)
English
Spanish
Translate
What is Artificial Intelligence?
32/5000
什麼是人工智能？
Improve this translation
Suggest an edit





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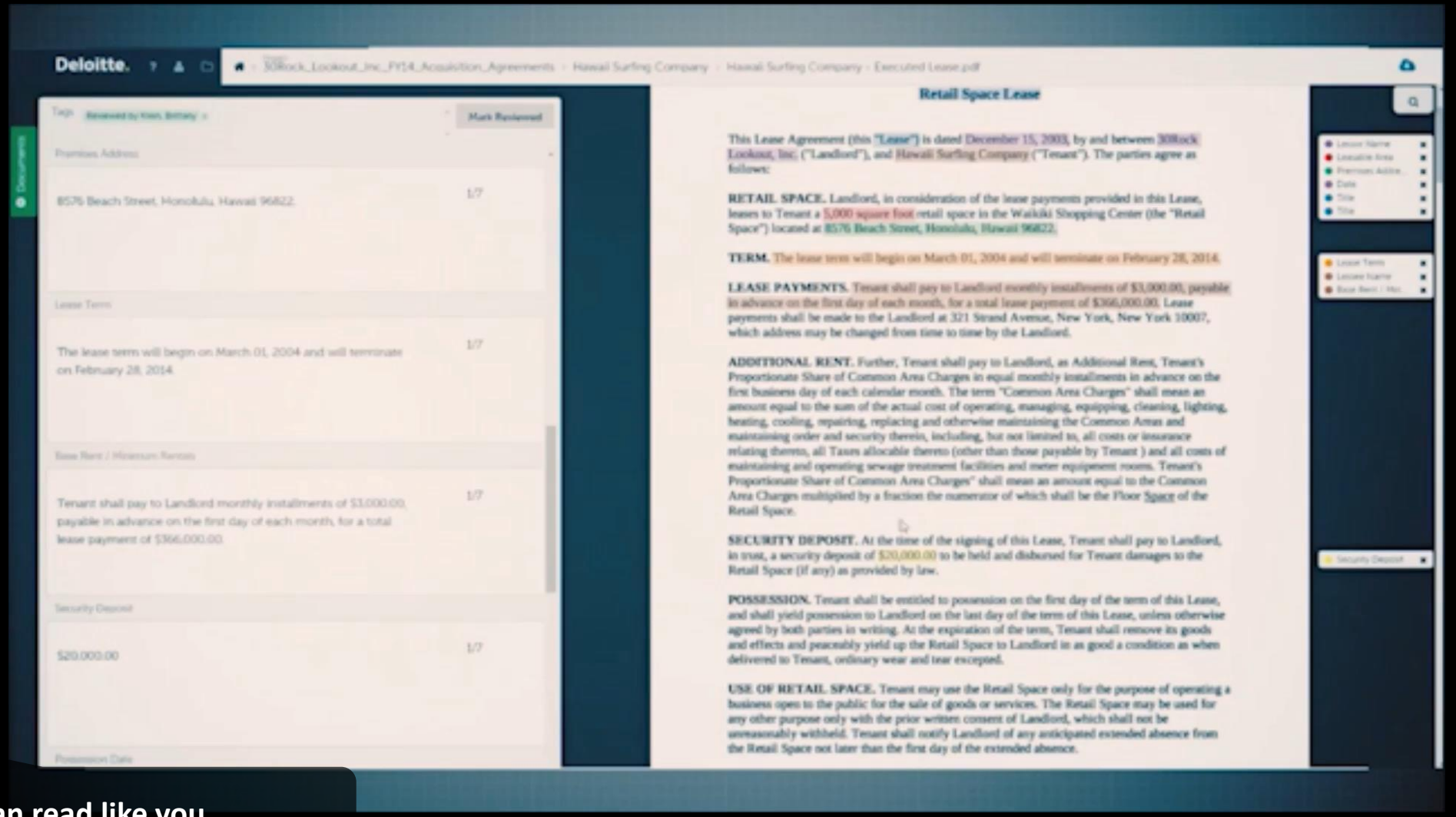

I can read like you.

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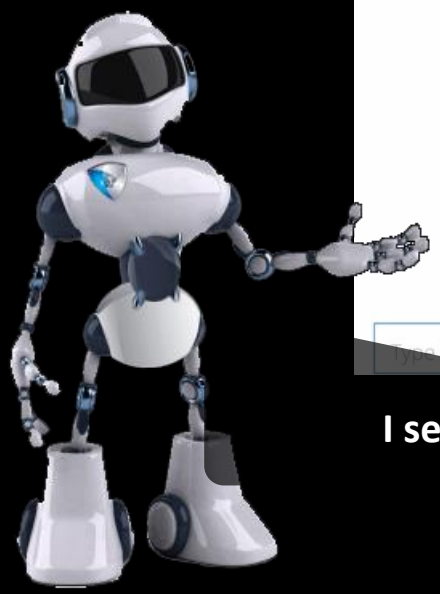

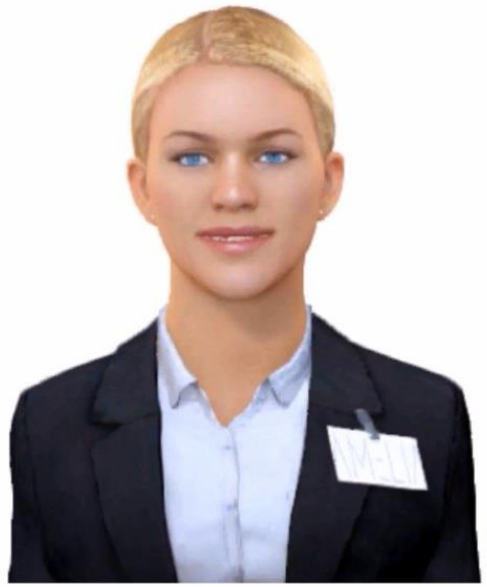

Ok, can I have an idea of the amount of the invoice?

Amelia *5:17:59 PM*

It was about $1.5k

*5:18:15 PM*Patrick Marlow

Ok. Based on the information you provided, I found the following records:

1. ABC INC, 05-08-16, $1536, abc-0413
2. ABC INC, 07-08-16, $2482, abc-0612

Amelia *5:18:16 PM*

Are any of these invoices the one you are looking for?

Amelia *5:18:18 PM*

Here you are:
payment date : 15-AUG-2016
payment amount : $5,536.00
payment id : abc-0413-111111

Amelia *5:19:00 PM*

Would you like me to send you the list of invoices included in this payment?

Amelia *5:19:01 PM*

Why is my payment so high?

*5:19:16 PM*Patrick Marlow

Your service was probably used by multiple businesses. We combine multiple invoices into a bulk payment. Would you like me to send you the list of invoices included in this payment?

Amelia *5:19:17 PM*

Type here

I serve your clients.

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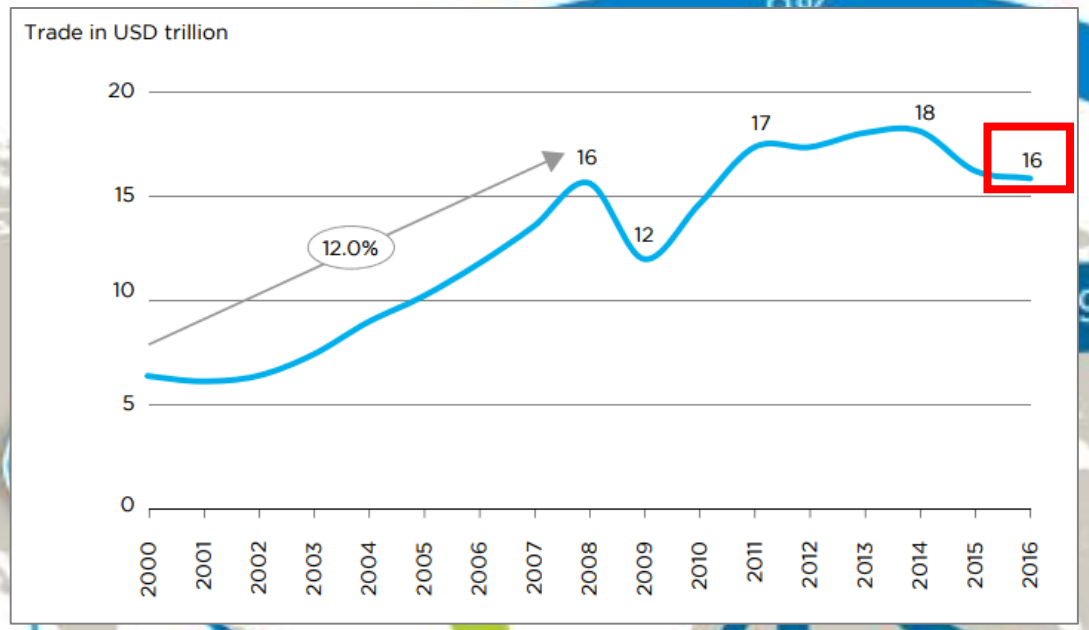
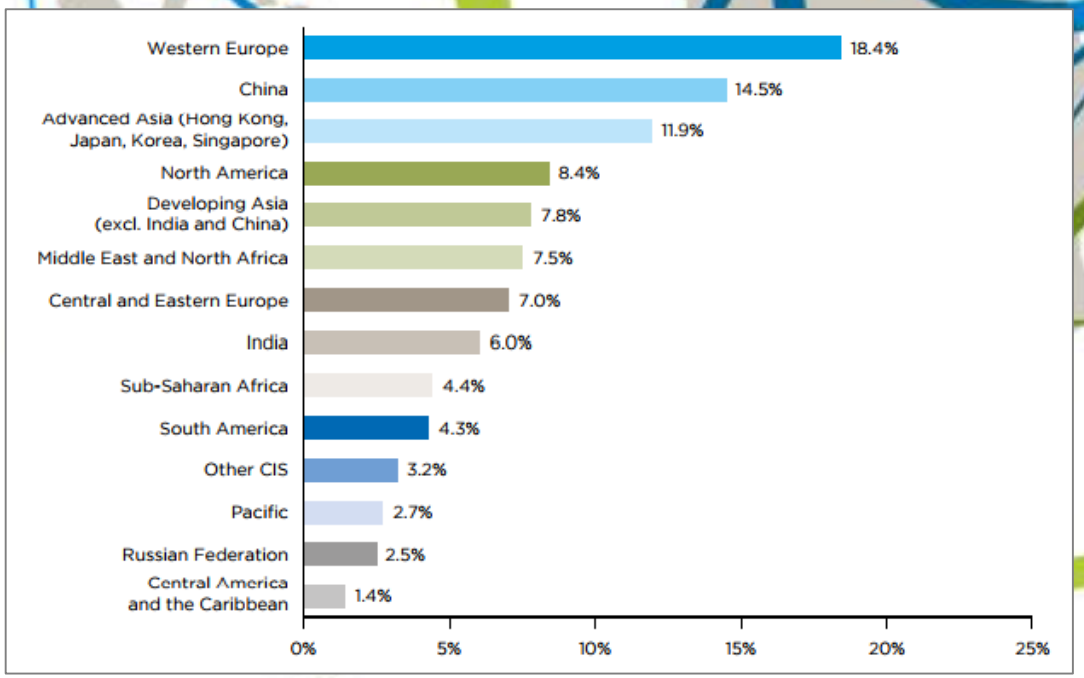
From Bitcoin to Blockchain

What is Distributed Ledger Technology (DLT)? Is it Slow? Does it Consume Lots of Power?

Trade Finance





Line size depicts cross-region trade volumes

Bubble size depicts intra-region trade volumes

- <7%
- 8-9%
- 10-12%
- >13%

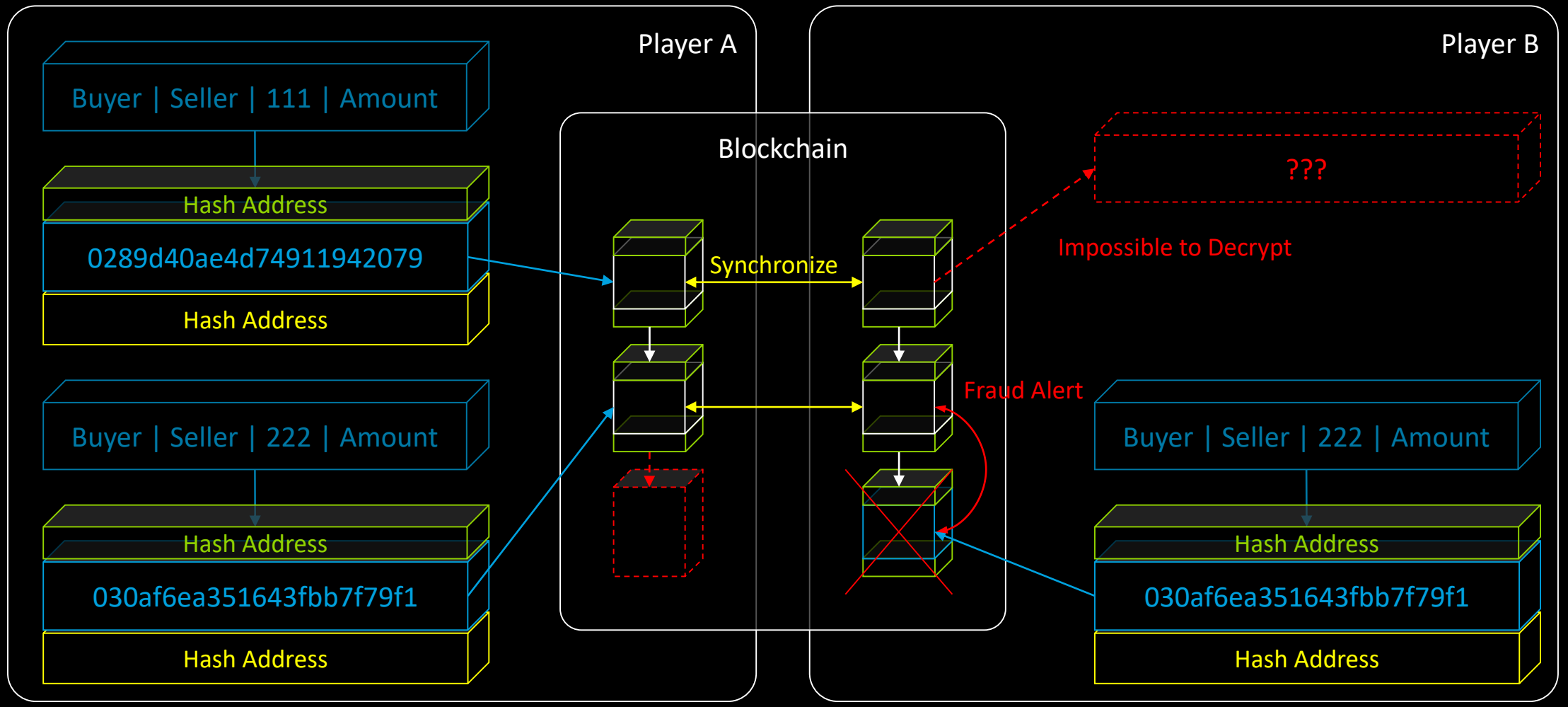
9%
16%
38%
11%
15%
20%

Source: *Rethinking Trade & Finance 2017*, International Chamber of Commerce, 2017

Identity Theft, Double Financing, Forged Invoice
FRAUD

Fraud Prevention

Blockchain allows detection of double spending or financing without exposing sensitive information.



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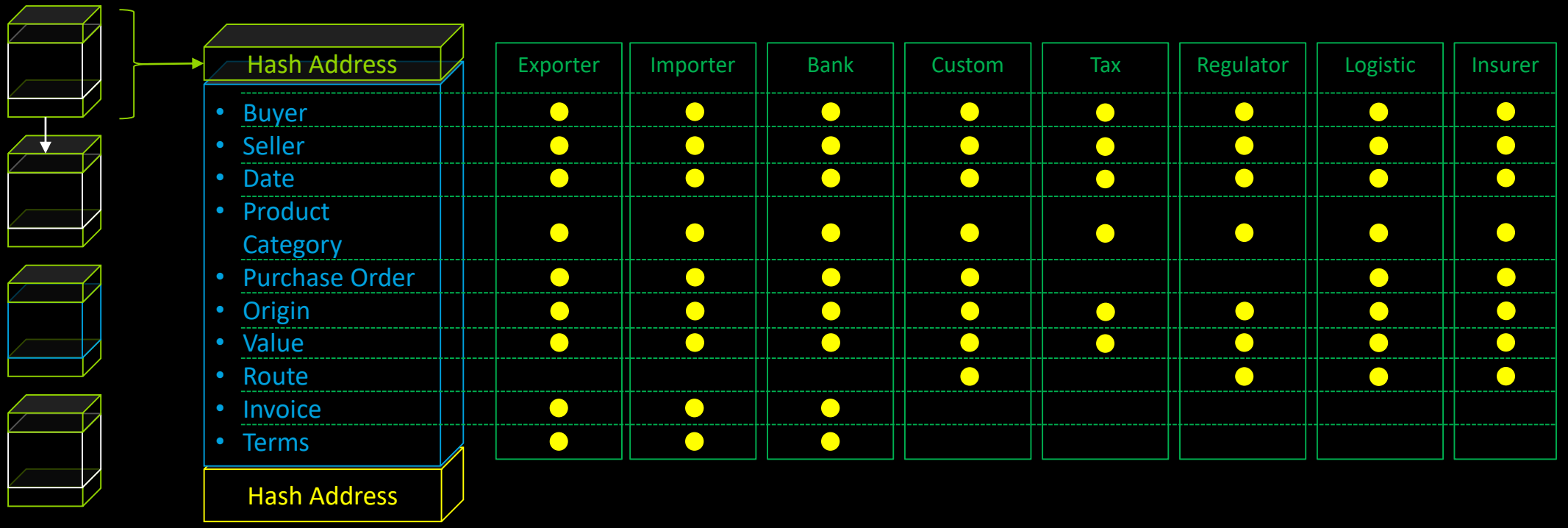
Gold Mine in Blockchain

The transparency of data in Blockchain enables tons of business case.



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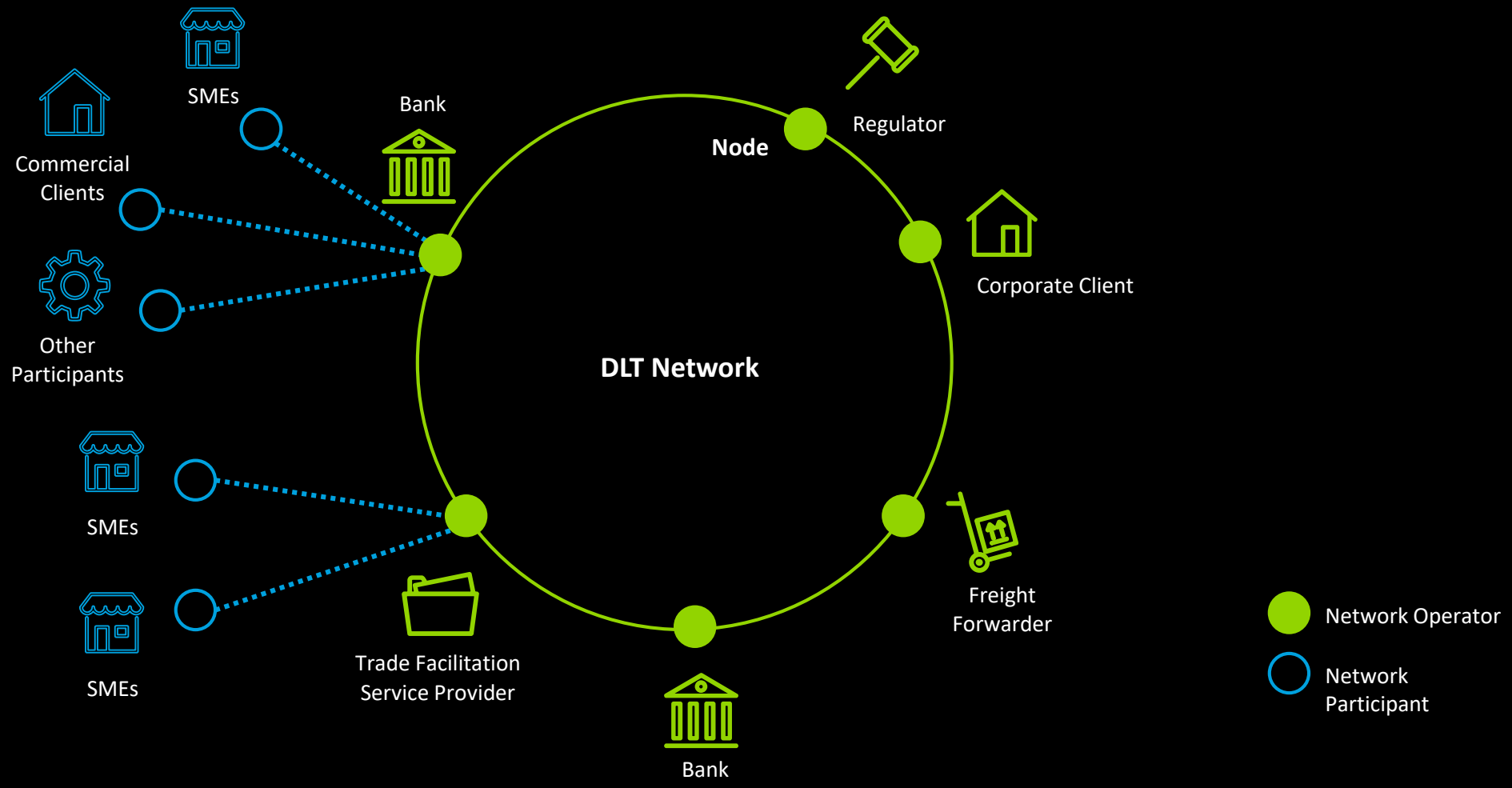
Trade Finance Eco-System



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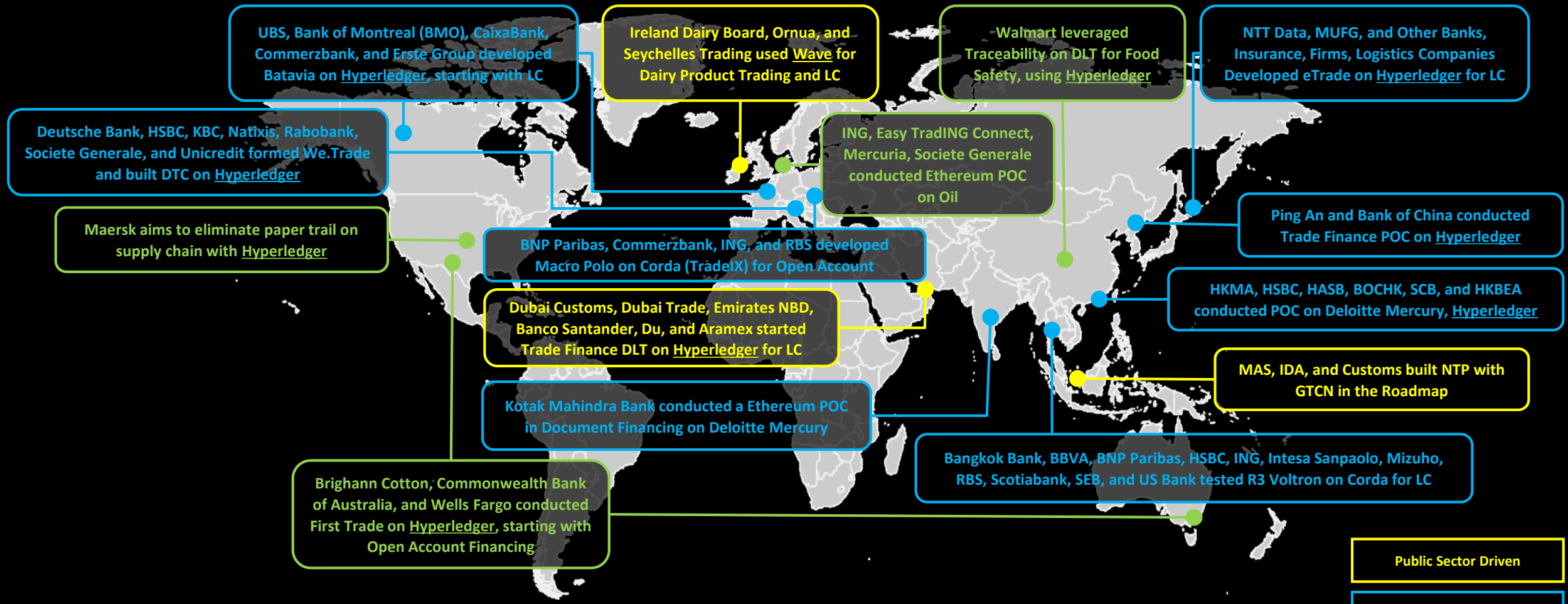
Global Supply Chain & Trade Finance DLT Network



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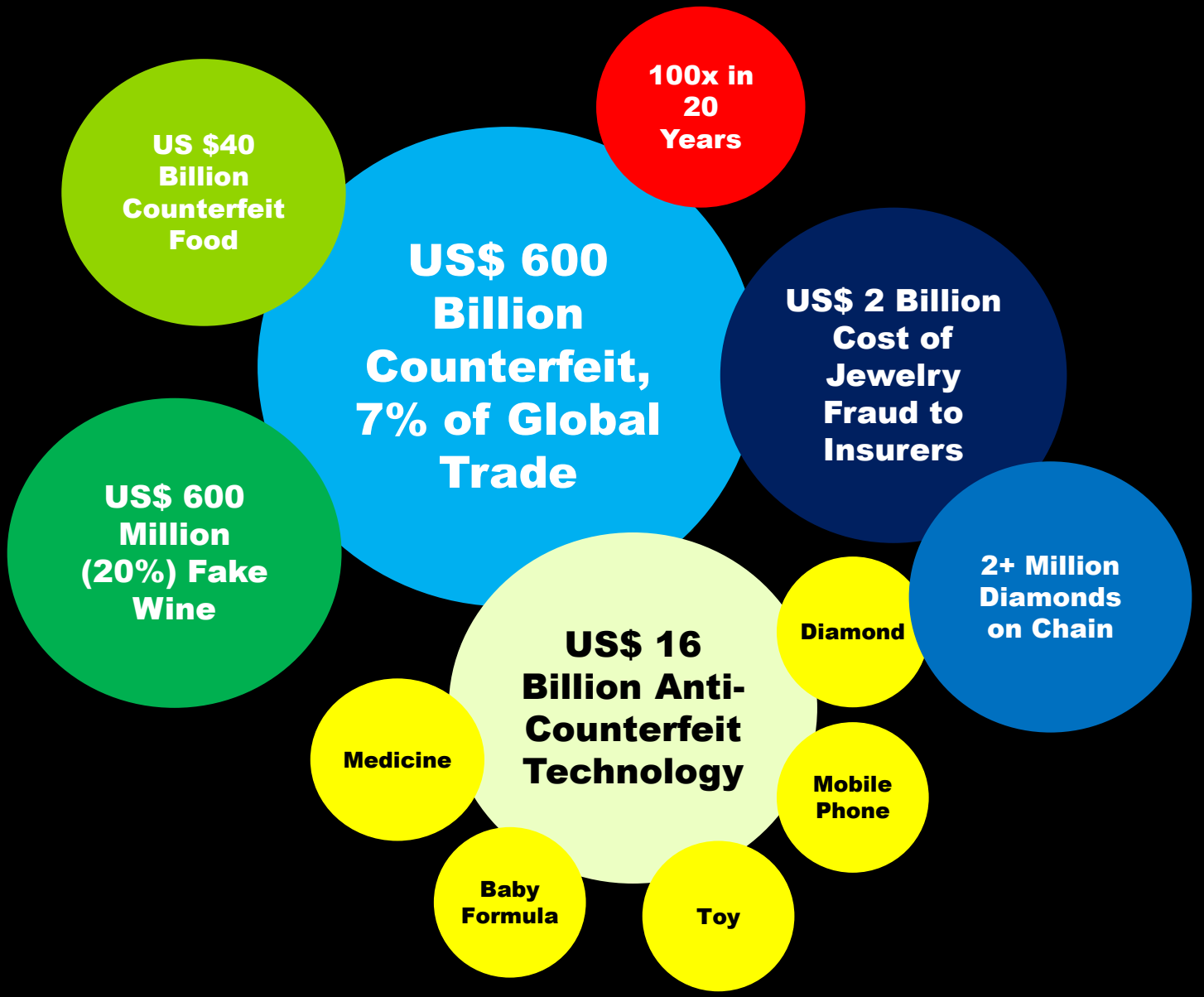
Supply Chain Traceability

Traceability



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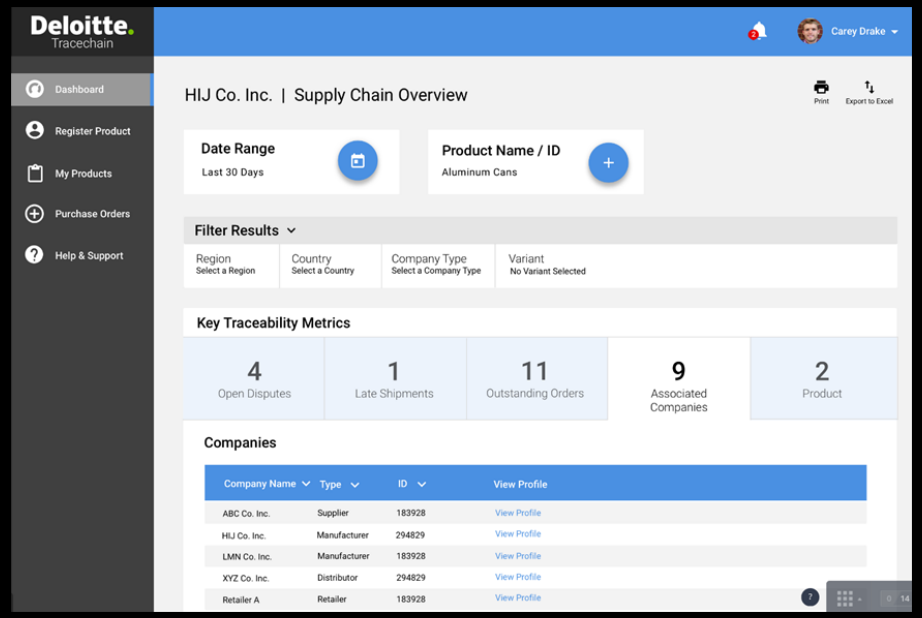
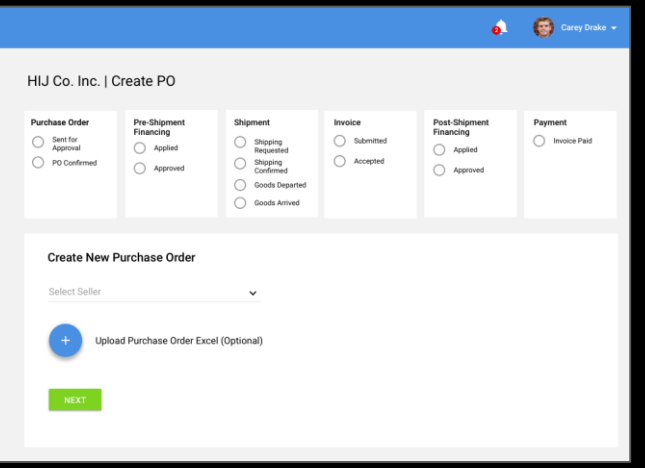
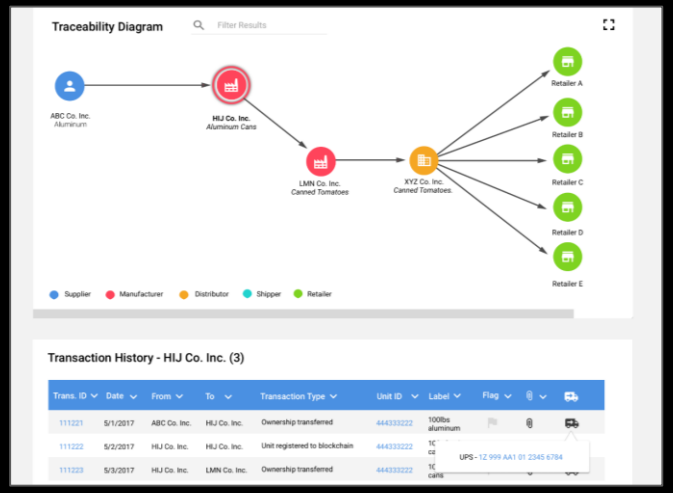
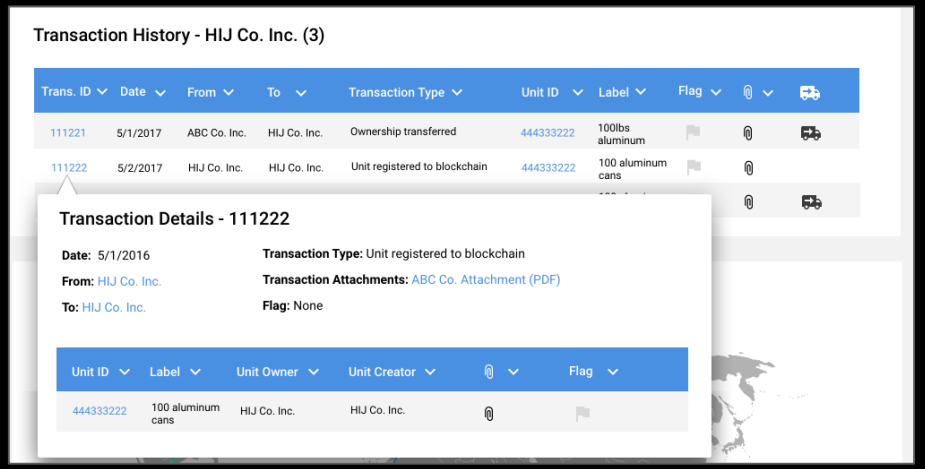
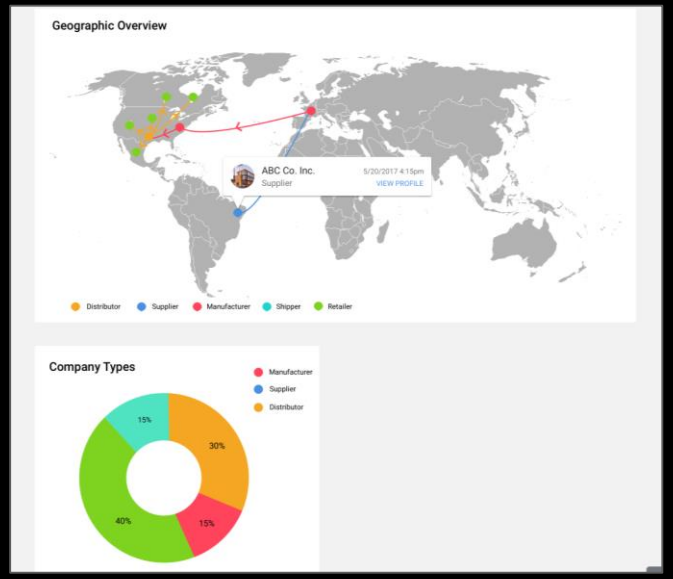
Traceability on Chain

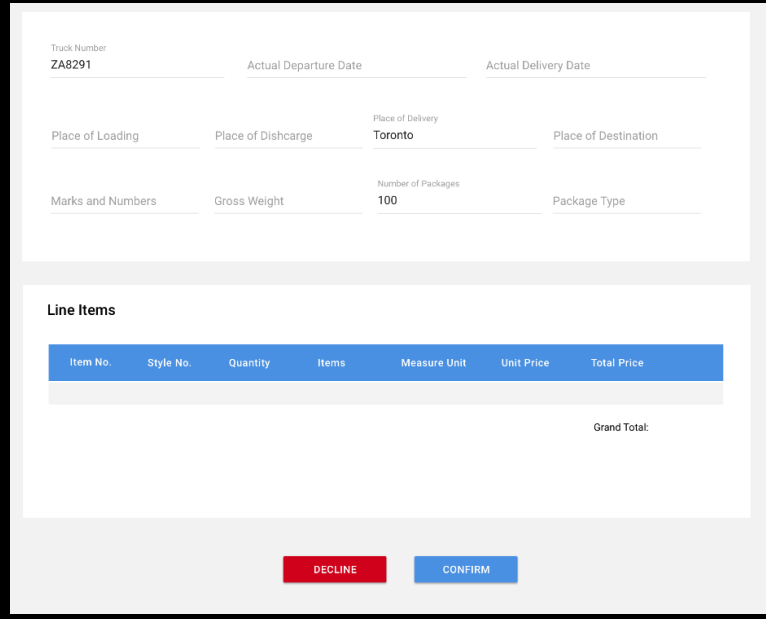












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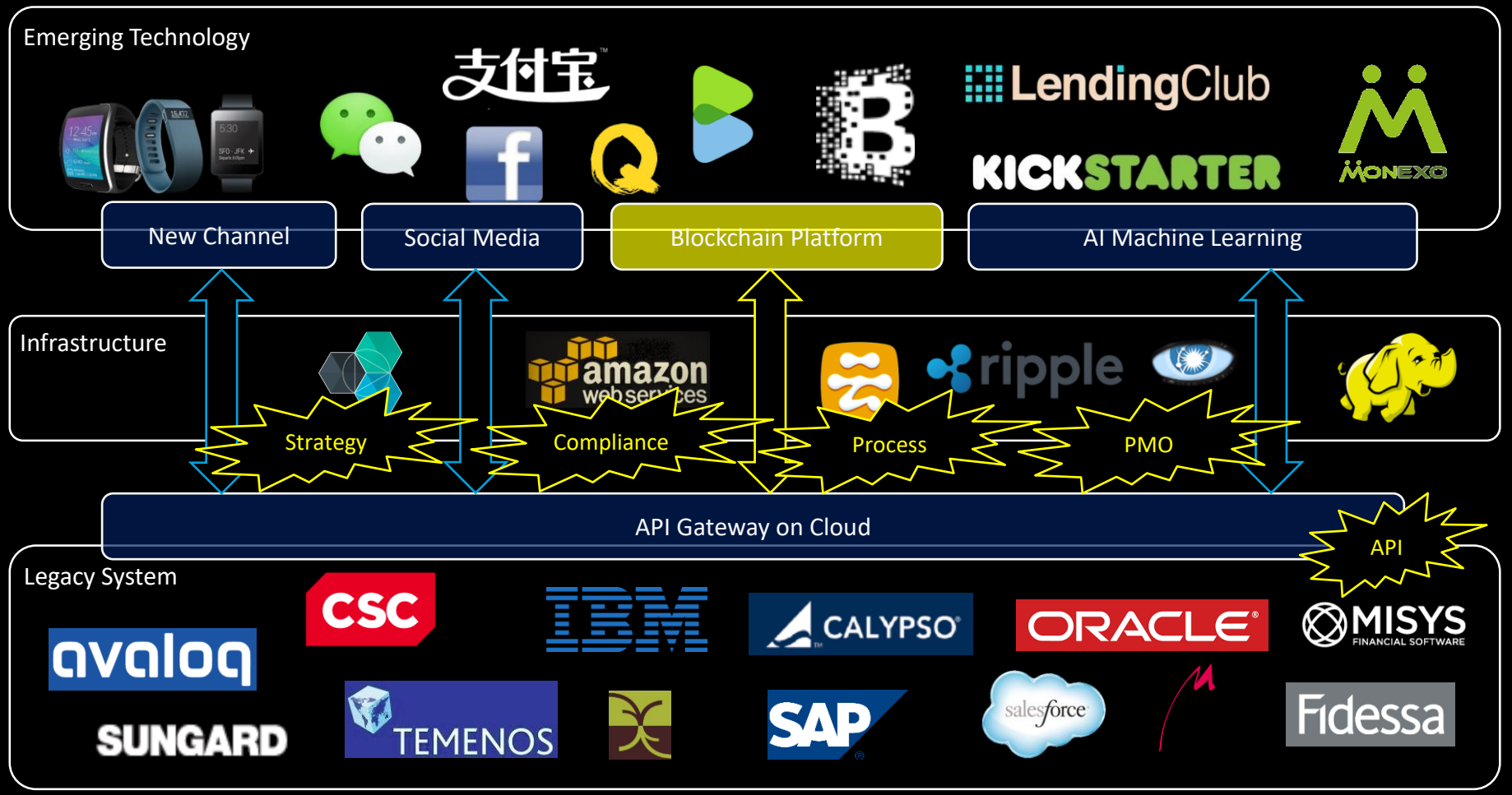
From Cloud to Platform Business
Is Cloud an Online Storage? eMail Service? Photo Upload? Or Something More…

Vision



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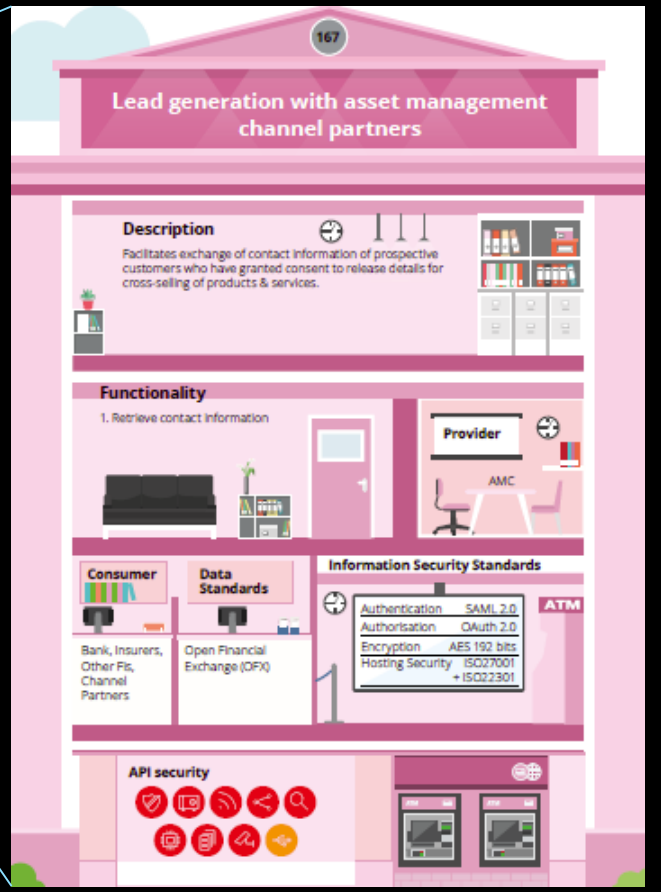
Singapore API Playbook



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API
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Integrate Everything
for a Truly Delightful Customer Journey

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