

PRC PropTech - How China is digitizing buildings and creating new digital rails to tokenize everything

In this 2-day course, we will look at the rapidly evolving role of “prop tech” in China from many practical angles and study the companies which are blazing new trails. They are taking their cue from smart high-level policies in China aimed at digitizing 500 cities, creating digital rails that can handle both crypto and central bank coins to fund a digitized economy as well as new Blockchain-based systems via BSN that reinvent finance and insurance. The companies we will analyze are revolutionizing the digitization of properties in ports and logistics, office, urban and suburban living. Alibaba is automating urban planning. Ping An is creating a fully digitized healthcare system. DingTalk, WeChat and Lark are the train stations to create total digital connectivity to all SME services and finance. Smaller companies like Xcool, Kuban, Wifipix, 9am, Geohey, Gisuni.

We will also conclude with the way in which the US could respond as it tries to roll out smart city initiatives to catch up. This course will be useful to entrepreneurs looking to inspiration, professionals looking for competitive analysis, and investors looking for partners.

Objectives

A. Knowledge and Understanding (Theory Component)

At the end of this course, participants should be able to:

- Understand how the Blockchain-based Service Network (BSN), Red Date, and China’s super apps function
- Grasp how China is digitizing its web of smart cities
- Comprehend the way in which the private sector studies five-year plans and “hops on” the train
- Understand the nuts and bolts of blockchain, edge computing, network slicing, in relation to BSN
- Develop an idea of how prop tech connects digitized physical assets to create new industries
- Create an idea of how large tech firms connect data & SME chat facilities to smart cities
- Gather consensus for how many of these innovations can be adopted to Singapore
- Recognize global tensions in proptech, urban planning, and 5G governance

B. Key Skills (Practical Component)

At the end of this course, participants should be able to:

- Understand importance of super apps (DingTalk, WeChat, Lark) in connecting businesses to BSN
- Comprehend digitized property by analyzing the physical part of Ping AN (hospital, pharmacy and clinic) and its connection to e-commerce, payments and insurance
- Observe the up and coming smaller prop tech companies as blueprints for Singapore activity, including Gisuni, Xcool, 51 VR, Nt Dream and many others.
- See how mid-sized conglomerates like JD, Yitu, Dahua and Bytedance are breaking into prop tech
- Develop a startup over the two days which can disrupt the old property setup

Topics

Time	Agenda
Day 1	
09:00 – 09:15	Day 1 Course Overview
09:15 – 10:45	<p>China’s Vision of the Future.</p> <ul style="list-style-type: none"> ● The Evolution of the Five-Year Plans (FYP) ● The 13th FYP 2016: Technological Innovation as the Cornerstone of the 21st century ● The 14th FYP: SMEs, Entrepreneurs, & Emerging Technology
10:45 – 11:00	Break
11:00 – 12:30	<p>5G and the Connection of Property</p> <ul style="list-style-type: none"> ● Global Reach ● International Rollout ● Revolutionary Uses of 5G ● Future Potential of 5G in Property and Smart Cities
12:30 – 14:00	Lunch
14:00 – 15:30	<p>Blockchain as the New Urban Trust Framework</p> <ul style="list-style-type: none"> ● The Foundation of Blockchain ● The Blockchain-based Service Network (BSN) ● Central Bank Digital Coin
15:30 – 15:45	Break
15:45 – 17:30	<p>Alibaba and the Ant Group — connecting services like DingTalk to Smart Cities and BSN</p> <ul style="list-style-type: none"> ● The Vision ● The Services ● Partnerships

Day 2	
09:00 – 09:15	Overview of the Day and a quick Recap
09:15 – 10:45	<p>Ping An — digitizing the physical hospital, pharmacy and clinic to the virtual bank and insurance company</p> <ul style="list-style-type: none"> • Vision • Services • Partnerships • Creating brand awareness and attention in a Chinese way
10:45 – 11:00	Break
11:00 – 12:30	<p>Tencent: Transforming WeChat into a digital bridge and building its own smart city</p> <ul style="list-style-type: none"> • Technologies • Tencent's WeCity Solutions • WeCity Applications
12:30 – 14:00	Lunch
14:00 – 15:30	<p>Emerging Innovators</p> <ul style="list-style-type: none"> • GISUNI • WIFIPX • Geohey • Xkool • 51VR • My Dream+ • 9am • ZiFiSense
15:30 – 15:45	Break
15:45 – 17:00	<p>Evolving Plans and Conclusions:</p> <ul style="list-style-type: none"> • Yitu • JD • Dahua • Conclusions
17:00 – 17:30	Assessment

Requirements

- Open to undergraduates and graduates
- Course material will come from the book *The Digital Transformation of Property in Greater China*

Duration: 2 days

Venue: Online via Zoom

Minimum number to run: 25 participants

Certificate of participation is awarded upon 75% attendance for the course

Trainer's Profile



Paul Schulte ***Founder, Schulte Research***

Paul Schulte is the founder of Schulte Research, set up in 2012 researching financial institutions and financial technology.

He has spent 3 decades in research on financials. He has worked for all 3 branches of the US government, including the NSC at the White House. He currently teaches in 3 universities, has written 5 books and authored hundreds of articles. He has worked for the Number 1 investment bank from US, UK, Japan, China & Switzerland starting in 1990. He has taught on 5 continents. His focus is technological change in banks & insurance. He has been a source for the WSJ, NYT, Bloomberg, Nikkei, FT, Economist, Barron's and Forbes.

His clients include some of the largest sovereign, pension, mutual and hedge funds globally. His latest book is "The Race for 5G Supremacy: Why China is Winning, Where Millennials Struggle & How America Can Prevail (2020)". He is also the author of "AI & Quantum Computing For Finance & Insurance: Fortunes And Challenges For China And America (2019)" and "The Next Revolution in our Credit Driven Economy: The Advent of Financial Technology (2015)".