

Blockchain – Or mainly useless

Counterpoint: "In some instances, many of its purported use cases (payments, voting, digital ID, etc) amounts to little more than the willingness to add a distributed and encrypted ledger where one was not *really* needed. The technology has been lauded as a viable option to replace legacy systems, which have worked for many decades. But, what if there's no need for a distributed, decentralized ledger after all?"

https://thenextweb.com/hardfork/2019/02/07/why-hype-is-killing-blockchain-technology/

Blockchain – Sceptics

There are **other sceptics:** Wired Magazine had a May 2018 article entitled "*187 Things the Blockchain Is Supposed to Fix*". Wired included the following key Blockchain priorities:

Skynet*

The movie industry's **accounting** practices

Fake news

Authenticity in cannabis sales

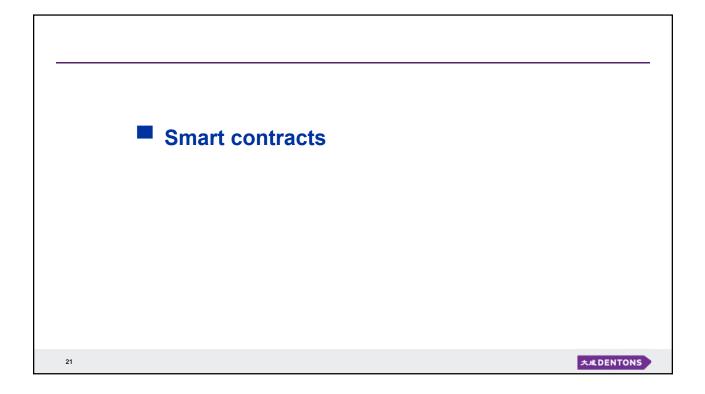
Paying for things with your face

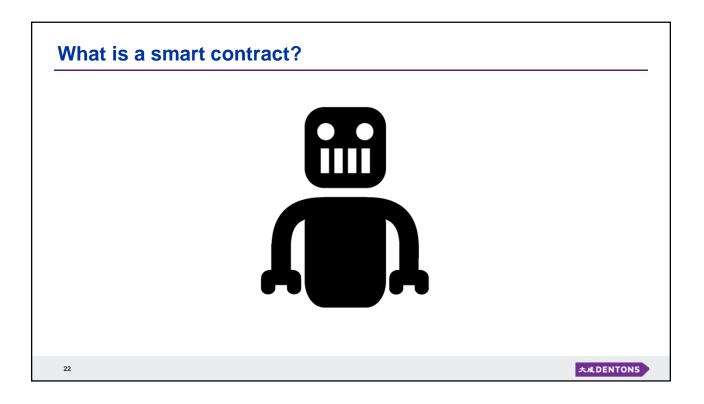
*See The Terminator v. Basically Everybody (1984) et seq.

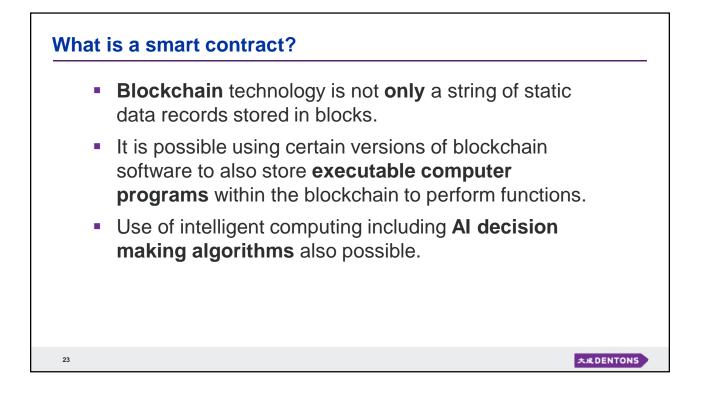
19

大成DENTONS

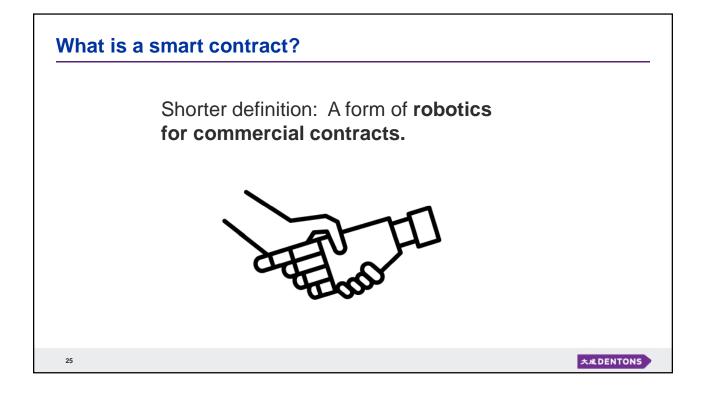
大成DENTONS

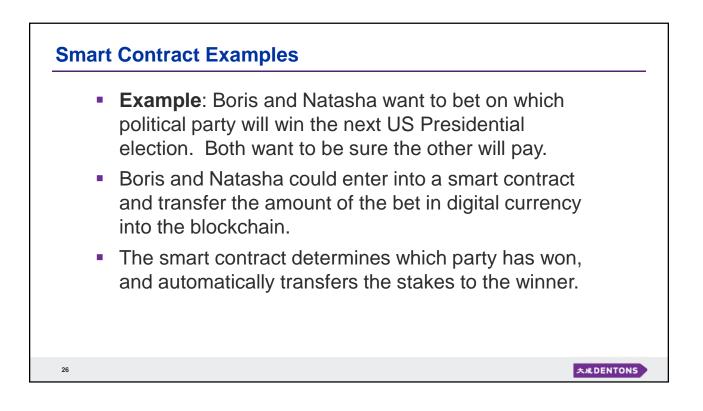








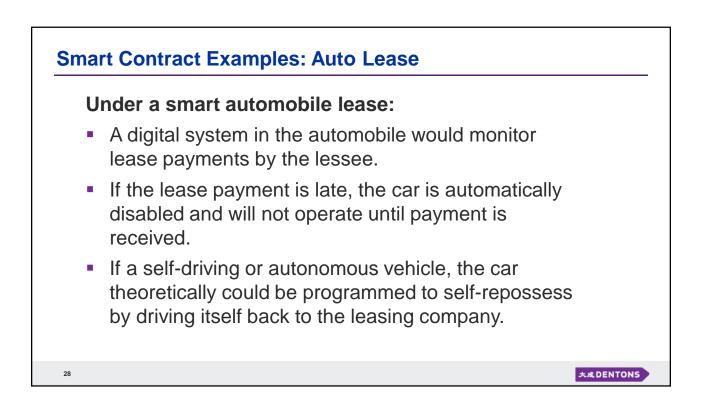




Smart Contract Examples: Conditional

27

- Example: (a) Jones transfers ownership of securities or other digital assets into the blockchain;
 (b) Smith is required to pay \$5X for the assets on a certain date, but \$8X for the assets if Event A occurs prior to that date.
- The smart contract determines whether Event A has occurred, and then self-executes by (1) paying Jones \$5X or \$8X and (2) transferring ownership of the securities to Smith.



大成DENTONS

Other Smart Contract Use Cases

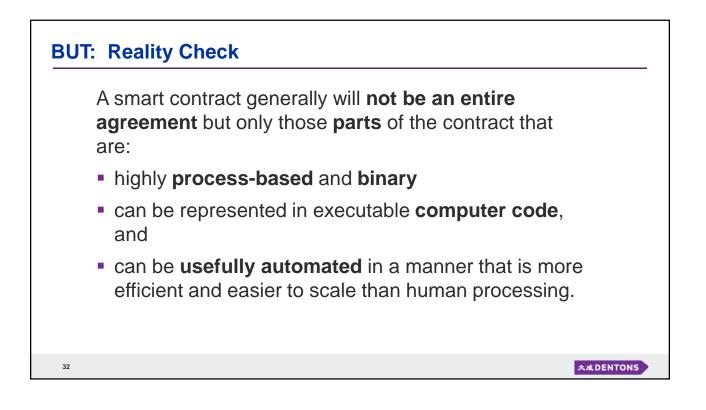
29

- Stocks: Trading and registration of shares of corporate stock. Several states including Delaware and more recently California have enacted statutes permitting use of blockchain as the official stock ledger.
- **Financial Instruments:** Trading of derivatives or other financial instruments.
- Trade Finance: Automated issuance of or substitution for letters of credit, guarantees and trade finance instruments.

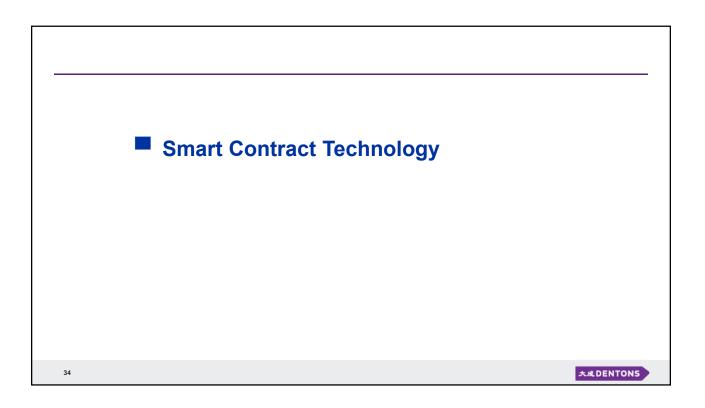


大成DENTONS



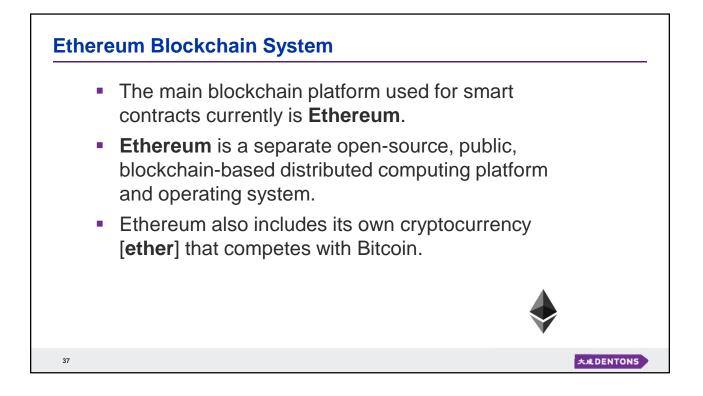


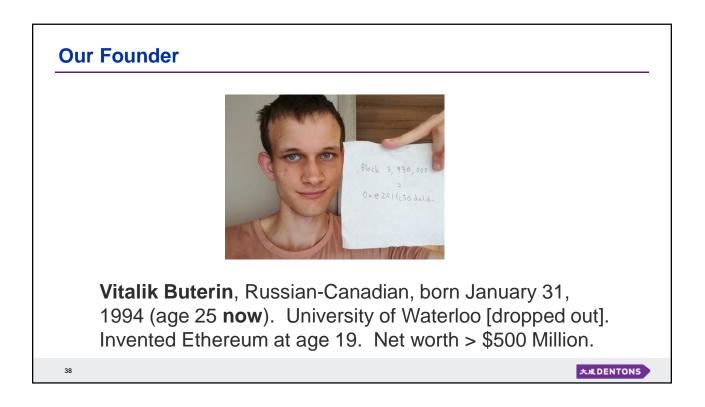


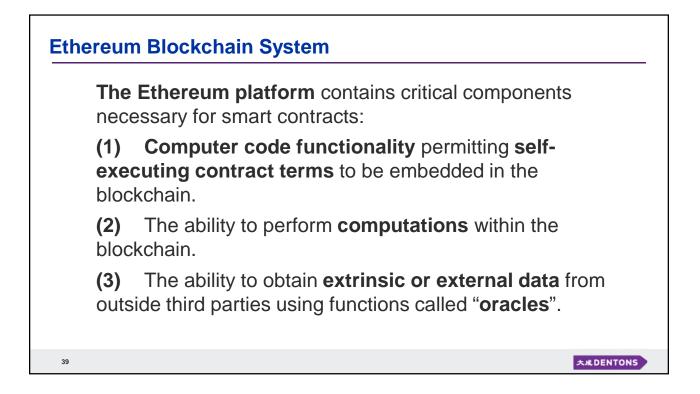


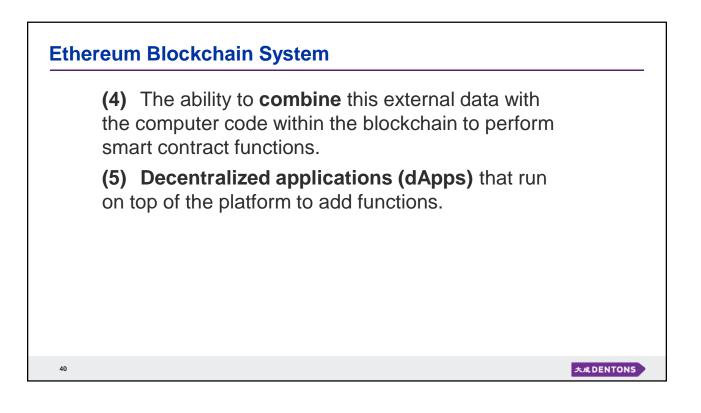


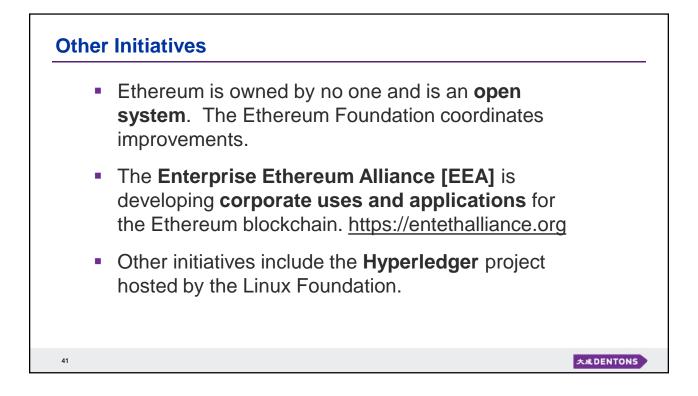


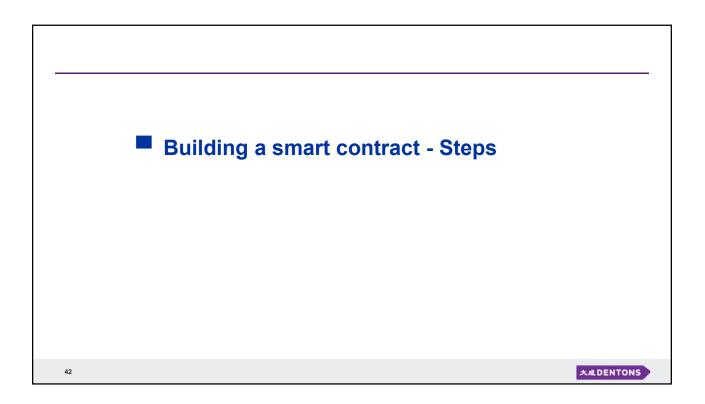




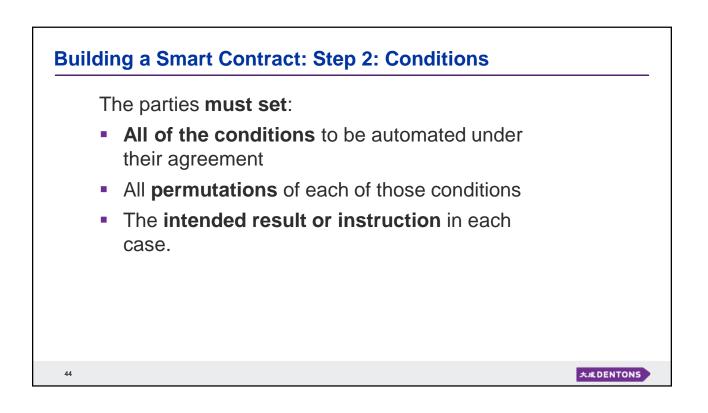




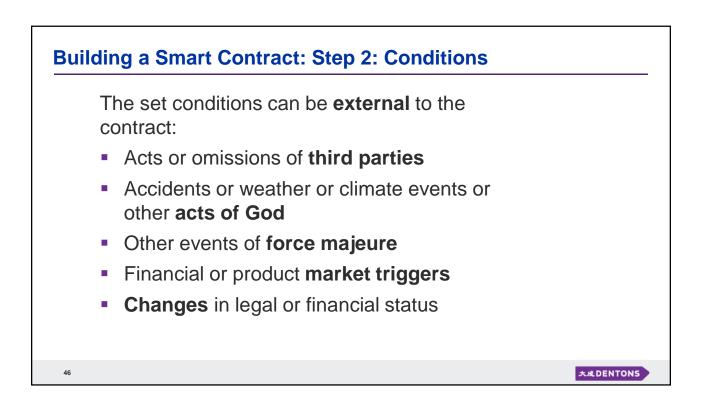


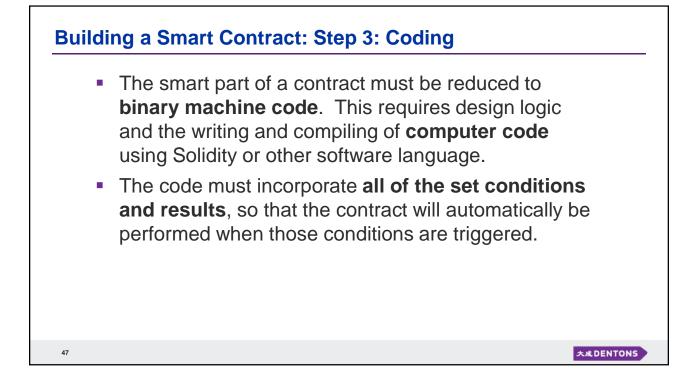


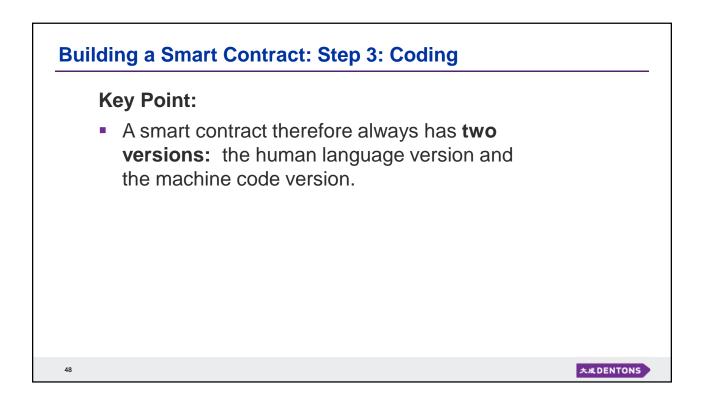


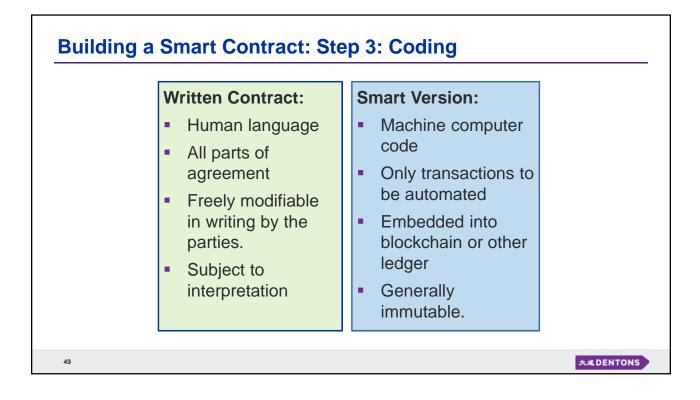


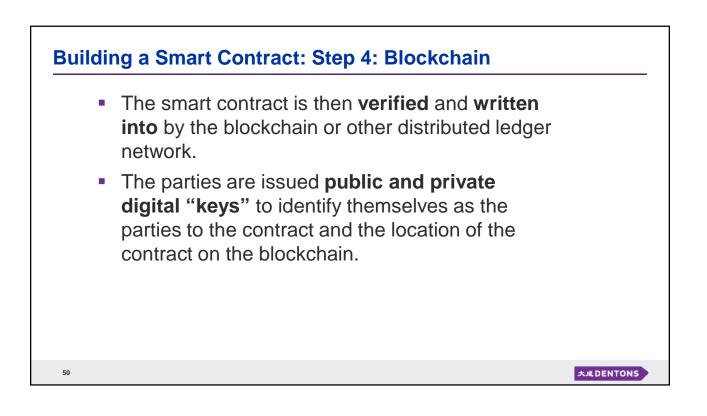


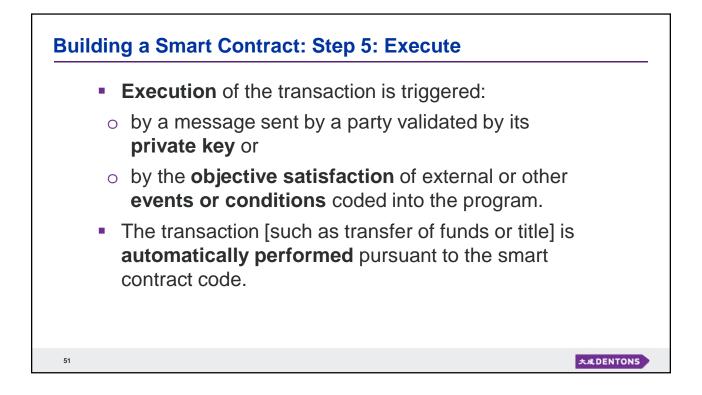


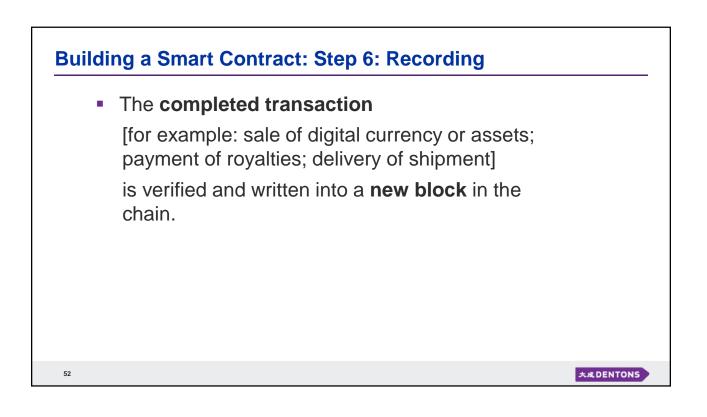


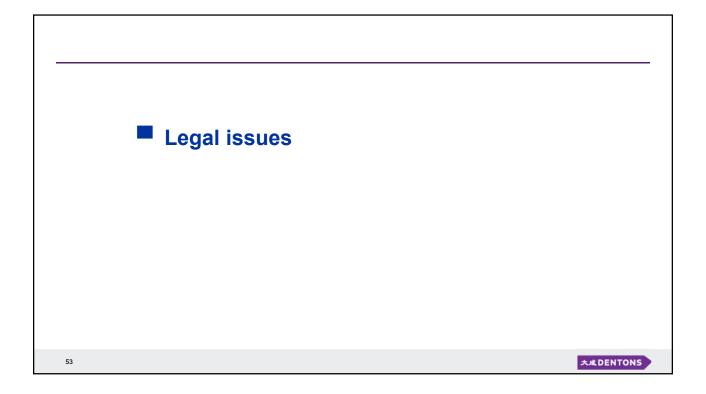




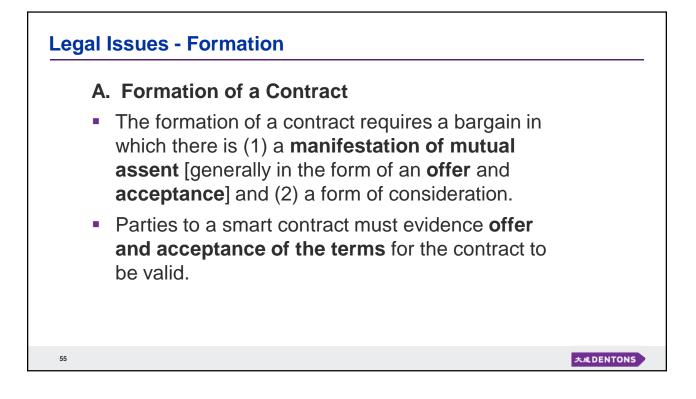


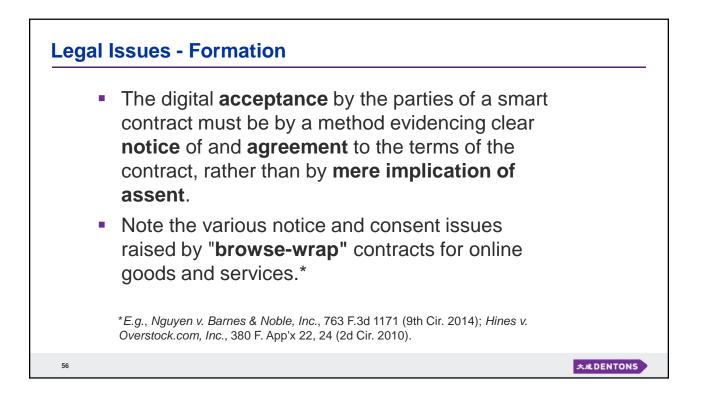


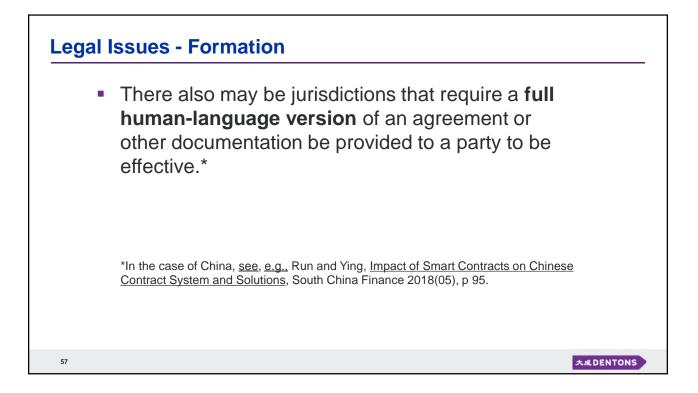


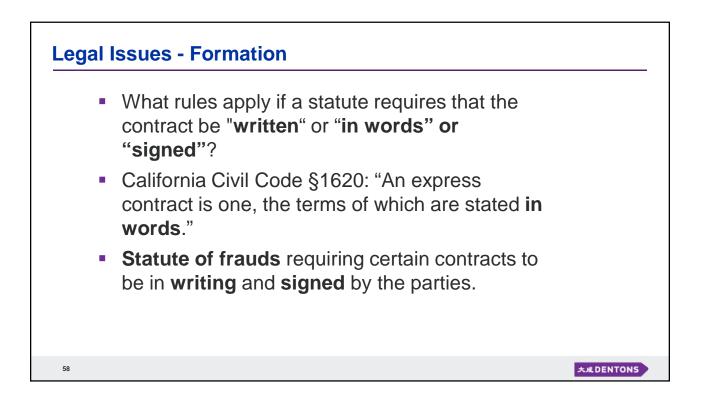




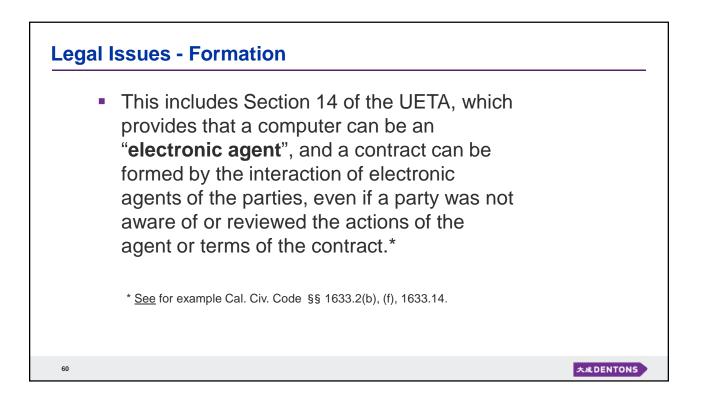


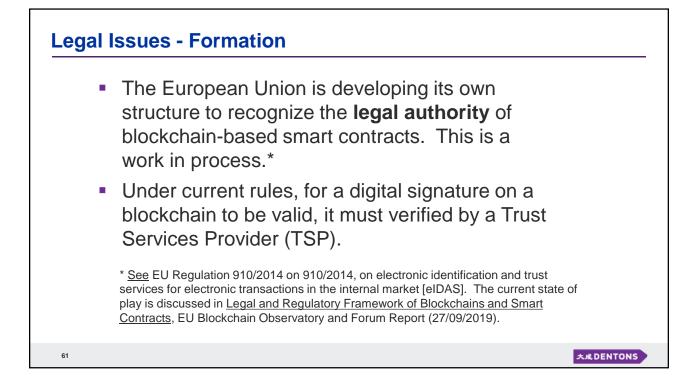


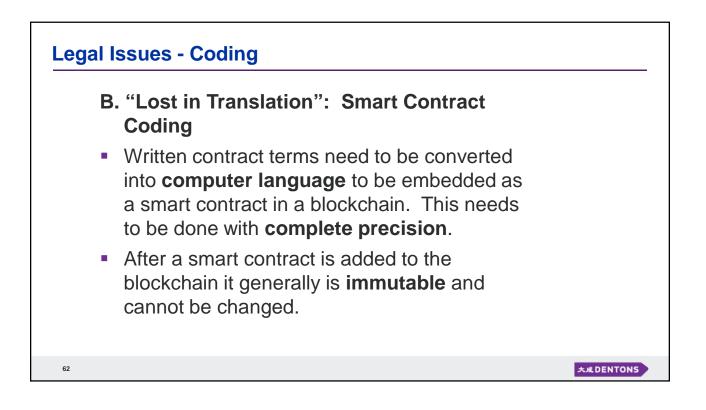


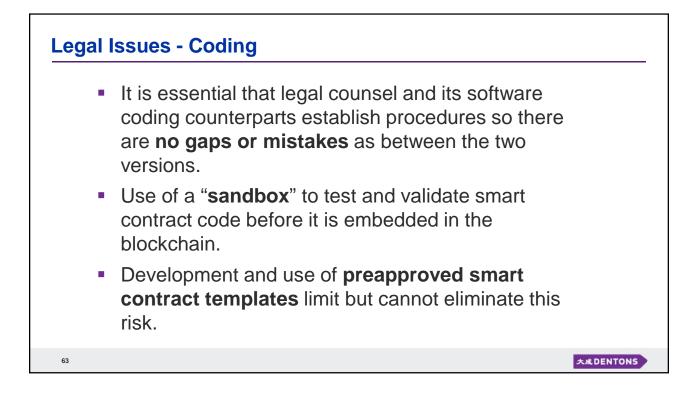


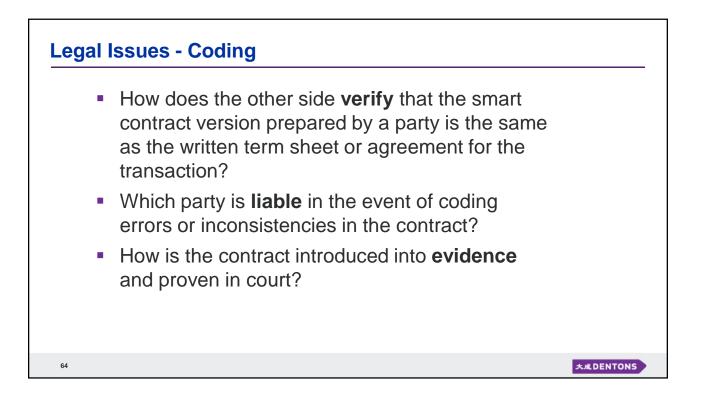


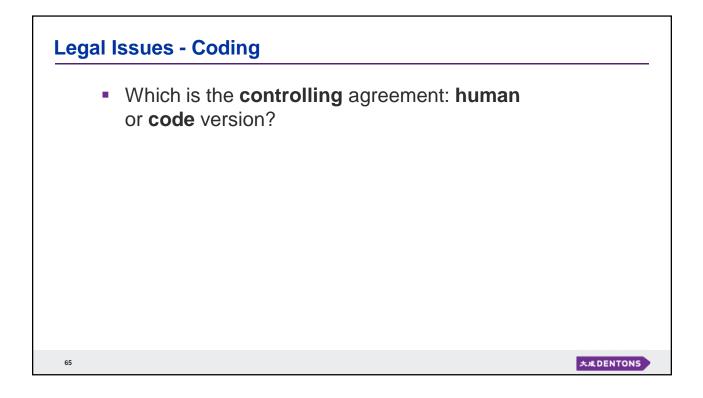




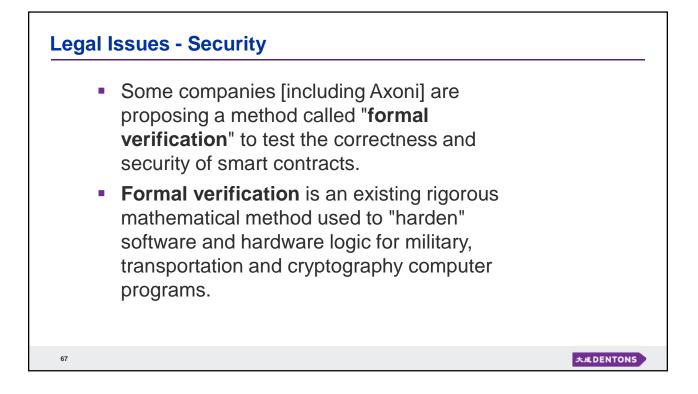


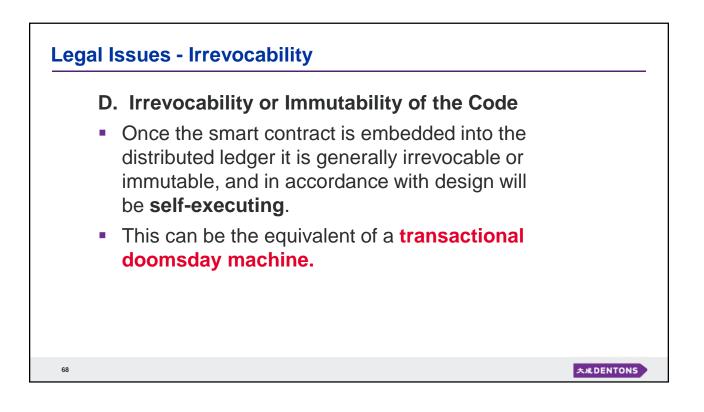




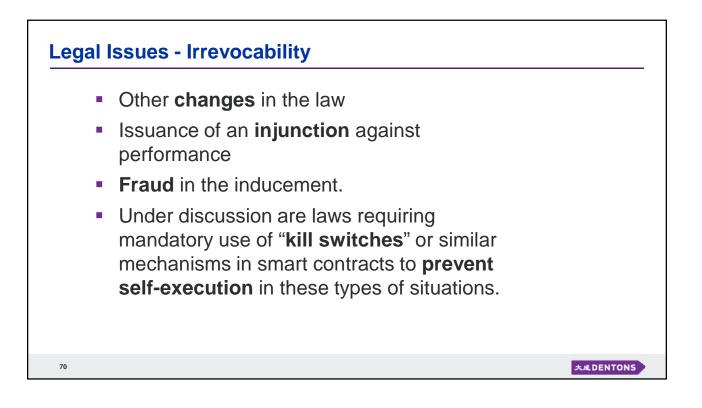


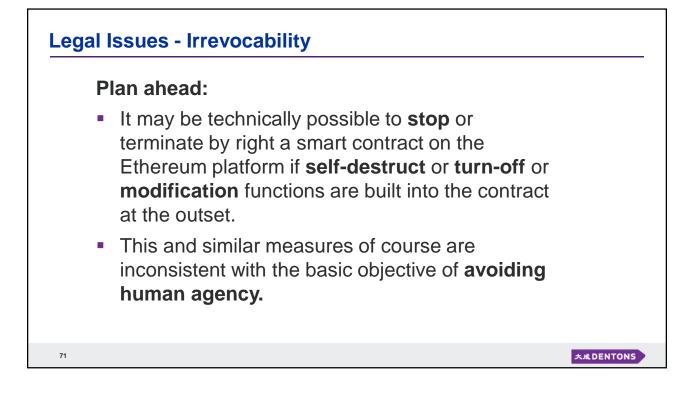


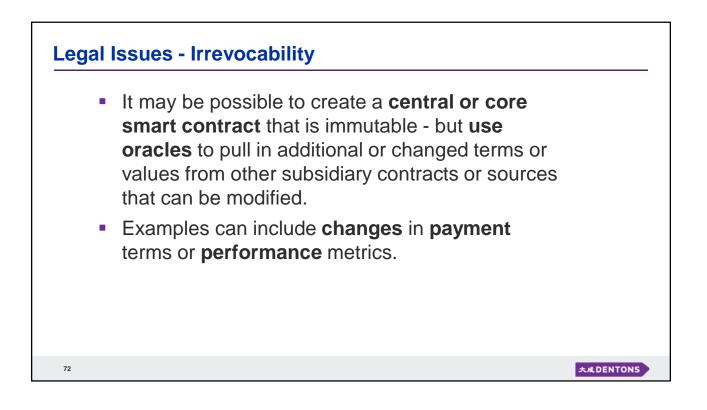


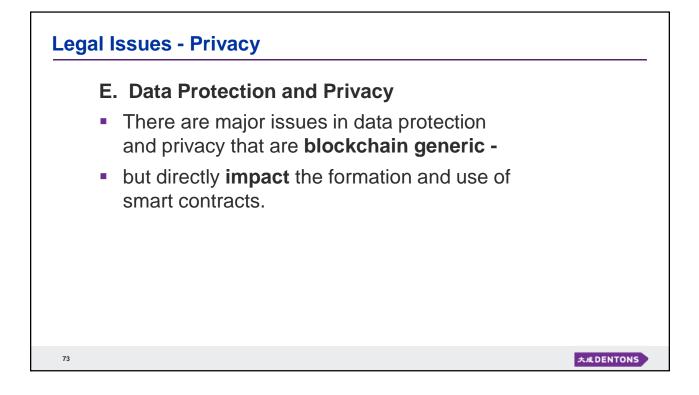


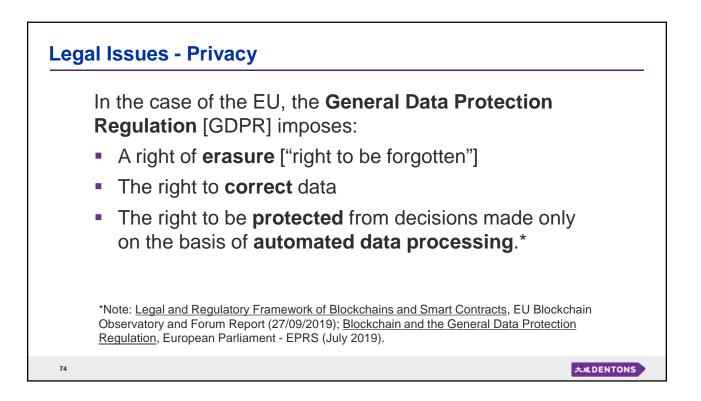


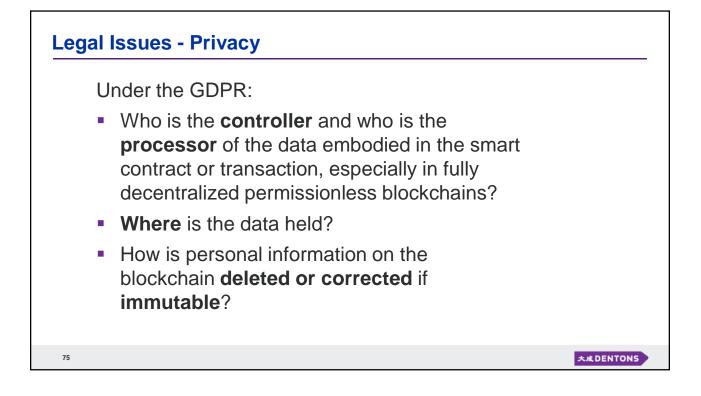


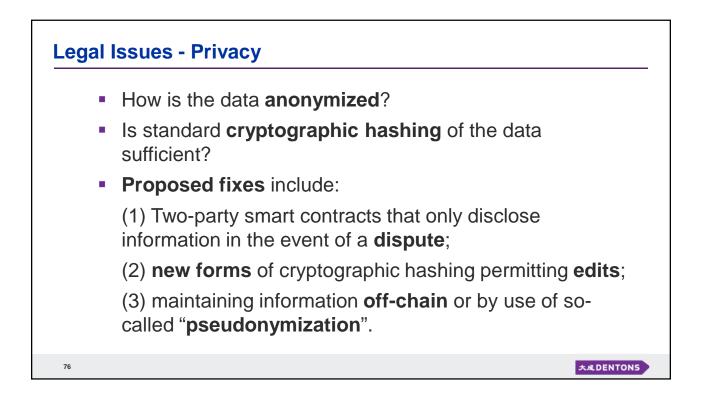


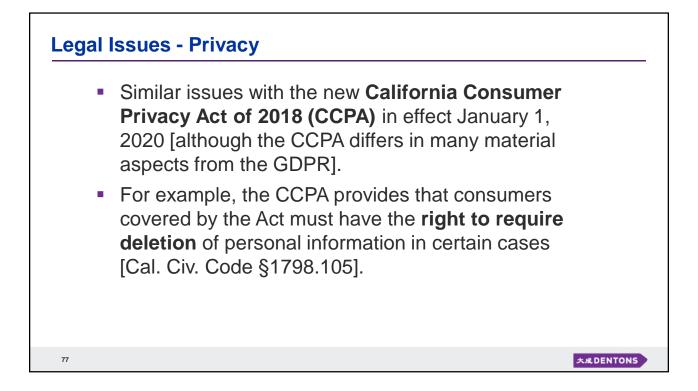


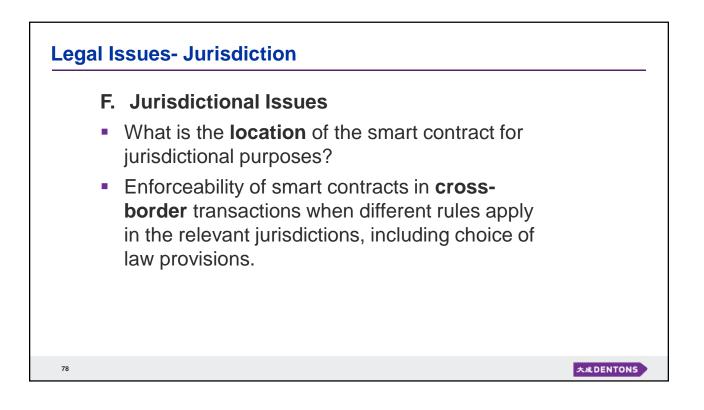




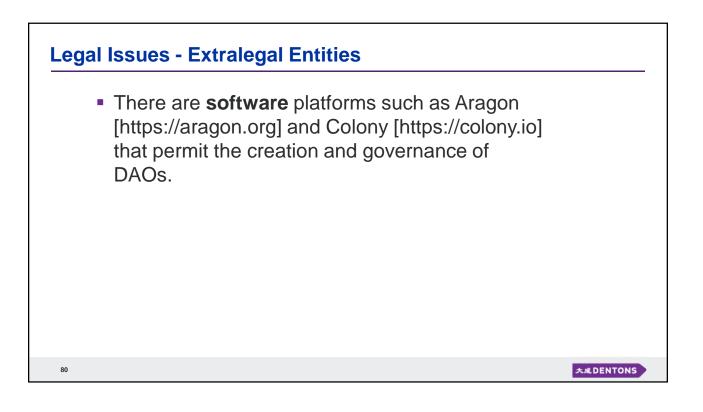


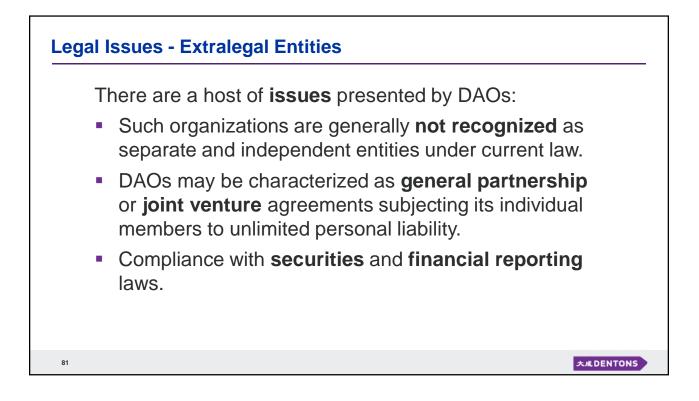


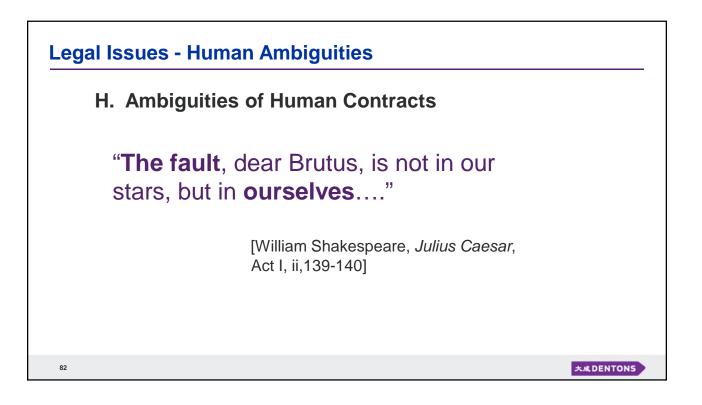


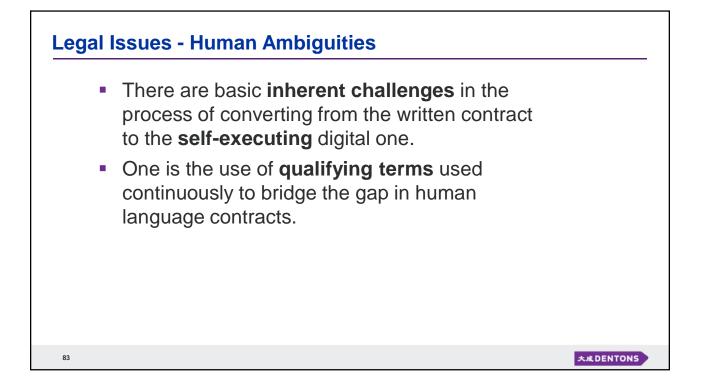




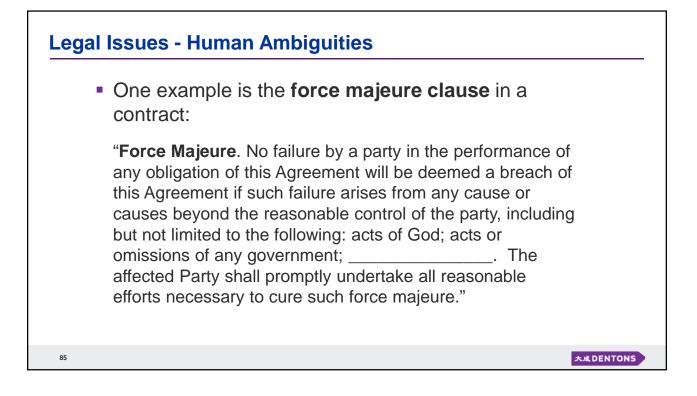


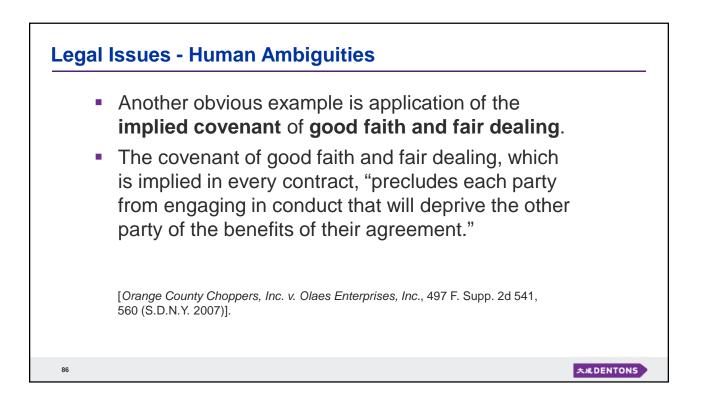




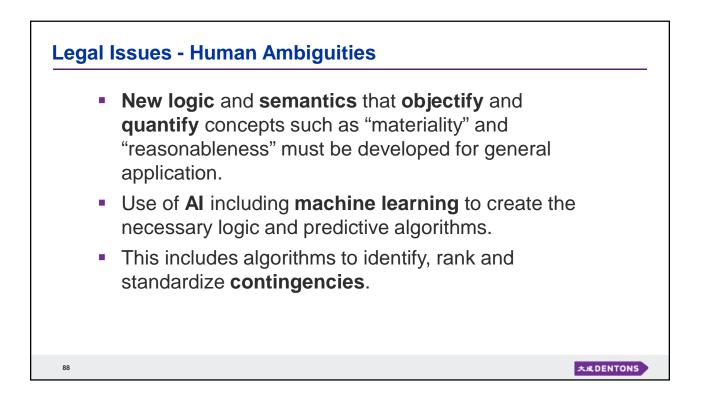


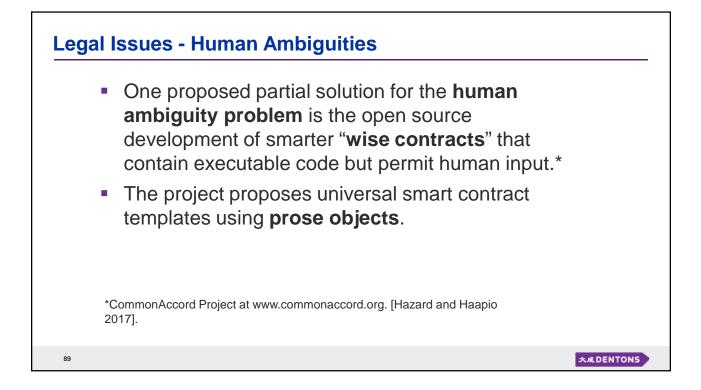
Legal Issues - Hur	an Ambiguities	_
	racts contain numerous qualifie nan and contextual interpretatio	
good faith material fair reasonab best effor intentiona commerc	s circumstances including but no	ot
84		大成DENTONS

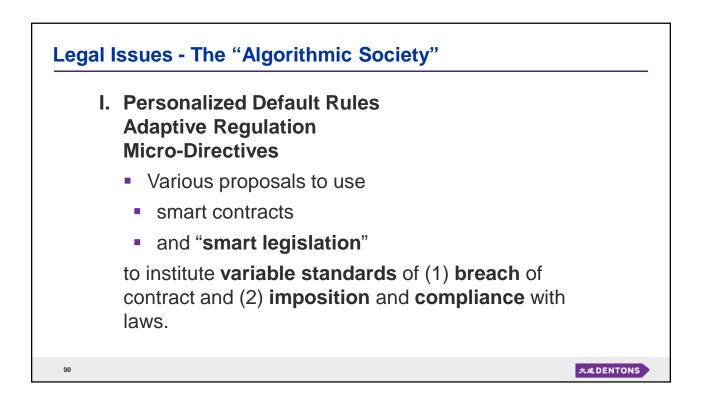


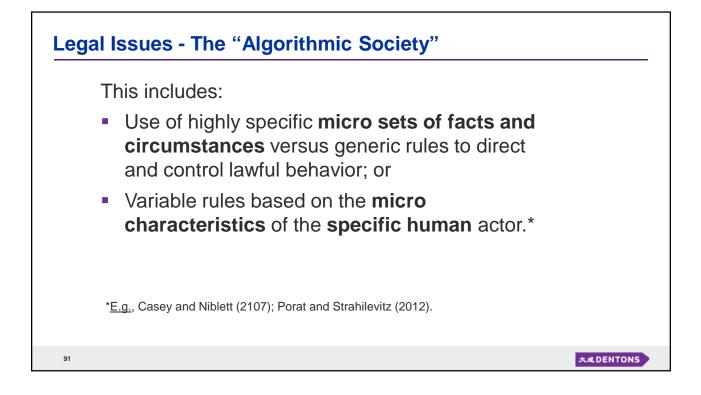


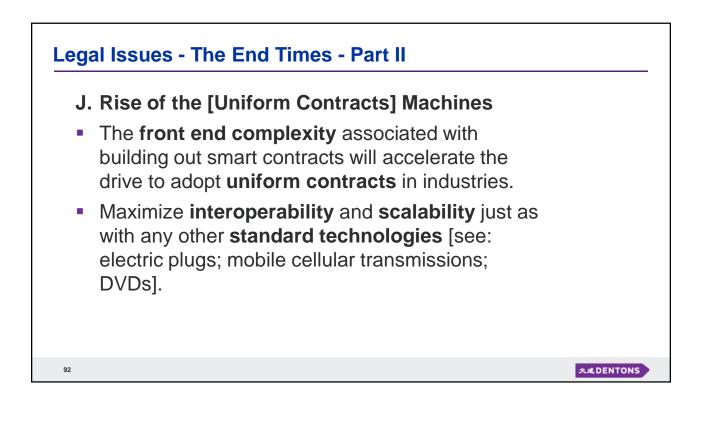
Lega	I Issues - Human Ambiguities	
	Thus - before the	
	[dream]	
	[nightmare]	
	[fantasy]*	
	of fully-autonomous computable agreements or wide-scale computer-to-computer autonomous negotiation of contracts comes true:	
	*Choose one.	
87		大成DENTONS

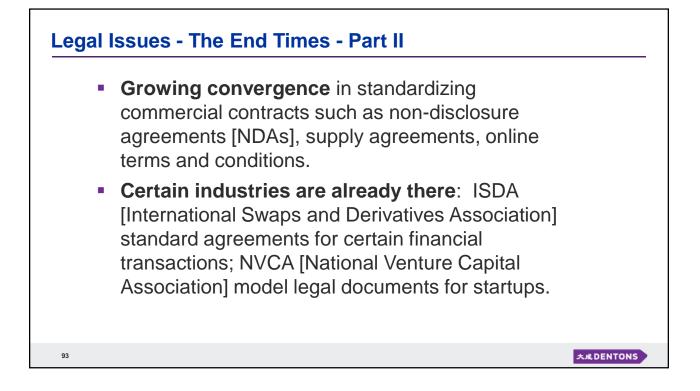














STAFFORD MATTHEWS

Partner, Silicon Valley Dentons US LLP 1530 Page Mill Road, Suite 200 Palo Alto, California 94304 USA T +1 650 798 0380 M +1 415 815 9850 stafford.matthews@dentons.com

© 2020 Dentons Dentons is an international legal practice providing client services worldwide through its member firms and affiliates. This publication is not designed to provide legal or other advice and you should not take, or refrain from taking, action based on its content. Please see dentons.com for Legal Notices.

95

大成DENTONS