Blockchain Can Help Lawyers – Inside and Out

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Agenda

1. Blockchain 101
2. Compliance
3. Intellectual Property
4. Privacy
5. Pit-Falls
6. Blockchain’s Tomorrow
I'M NOT AN ENGINEER, SO THIS MIGHT BE A DUMB QUESTION.

BUT WHY CAN’T WE 3-D PRINT A BLOCKCHAIN AND HTML IT INTO A BITCOIN?

ALICE CAN ANSWER THAT.

I QUIT.
Blockchain 101
What Is Blockchain?

A "distributed, shared ledger"
What Is Blockchain?

Traditional ledger systems:

- Centralized authority records information and facilitates transactions
- Users place trust in the centralized authority
- Require regular reconciliations to find errors
What Is Blockchain?

Fundamentally, blockchain is a technology that allows computers—or nodes as they are in technology parlance—to share information and exchange assets without the need of a centralized gatekeeper.
What Is Blockchain?

Key characteristics:

• Distributed
• Immutable
• Decentralized
• Append-Only
What Is Blockchain?

Data is added to a “block,” which users verify by consensus. Later information is added to a subsequent block, and connected (i.e. chained) to the last block.
What Is Blockchain?

Cryptography:

Method of securing information derived from rule-based calculations called algorithms to transform information in ways that are hard to decipher.
What Is Blockchain?

Public v. Private Blockchains
- Access
- Control
Compliance
Compliance

- Product Recalls
- Trade Compliance
- Audit Trail
Intellectual Property
Intellectual Property

- Patent
- Copyright
- Trade Secrets
Privacy
Privacy

• E.U.’s General Data Protection Regulation

• Affirmative uses of blockchain
Pitfalls
Pitfalls

• Garbage In, Garbage Out

• Coopetition Paradox

• Unhackable?
Questions?