

“My ~~Word~~ Digital Identity is my Bond”

A Global Digital Identity Clearing House to underpin

Global Commerce-

**The UK’s unique role in a changing and unsettled
world**

Building upon Regulation & core competences

***Governance & Operational Risk Management in a world of ubiquitous
networks and evolving technologies***

Spanning Public & Private Sector, Industry verticals & Nationstate Borders

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THE CONTEXT..... GALLS LAW

- ▶ “ A complex system that works is invariably found to have evolved from a simple system that worked.
- ▶ The Inverse also appears to be true, a complex system designed from scratch invariably never works, and cannot be made to work”

Quote from John Gall “Systemantics: How Systems Really Work and How They Fail”

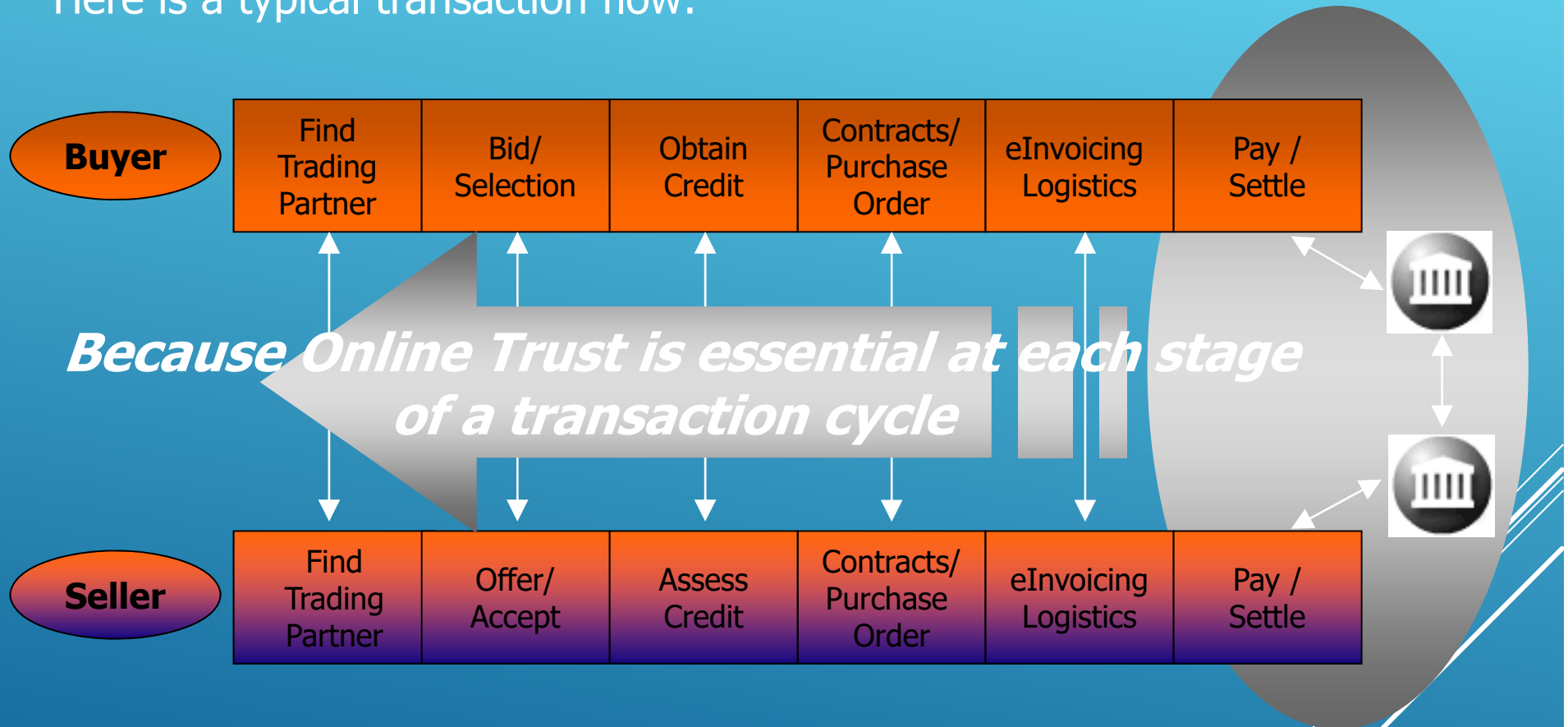
Consider the evolution of a cheque clearing system, and the Visa/MasterCard schemes.....

A Trusted distributed digital identity/trust model sits as the foundation stone of commerce and trade, and hence prosperity/economic growth both locally and globally.

SO WHAT DO WE MEAN BY "TRUST" IN THE GLOBAL INTERNET ERA?

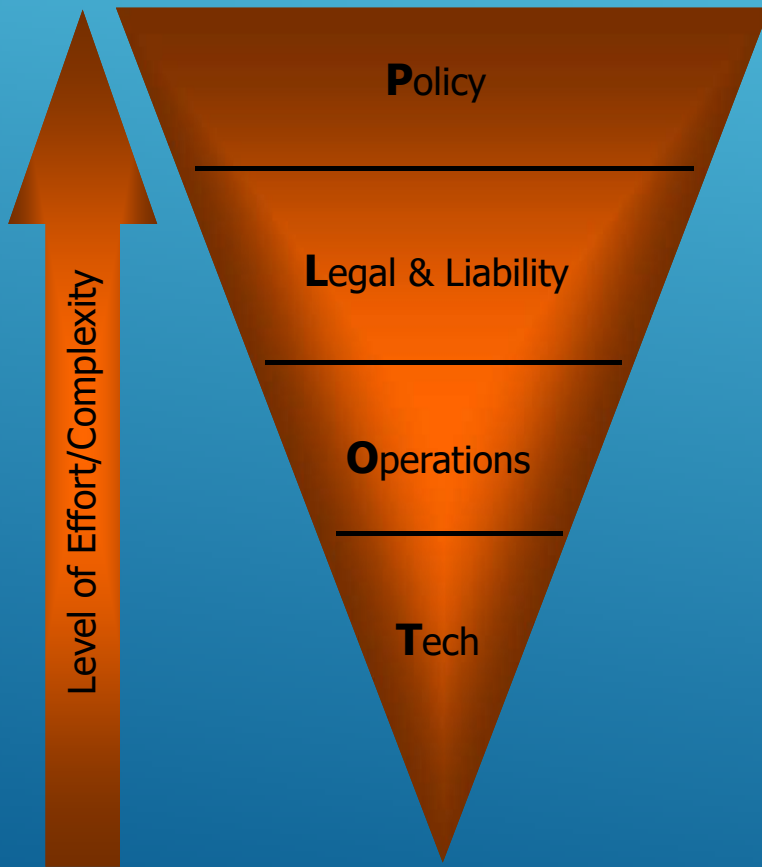
- ✓ Having *absolute certainty* of who you are interacting with
- ✓ Being *able to check/validate* in real time, that this is, indeed, the case
- ✓ Knowing who *guarantees* the identity of that Individual (or soon to be, Thing)
- ✓ Being a *real name*, not just a number
- ✓ Having *complete trust* to act on their instructions
- ✓ Having a *transparent audit trail* of who accessed what, and when-via MDLT
- ✓ Seeing eID as a key component to *limiting liability* and *external exposures- Trust and Liability are inter-dependent/inseparable*
- ✓ *THUS LEAVING LAW ENFORCEMENT & related Government resource to focus on the Bad Guys locally and globally*

WHY IS THIS SUBJECT OF SUCH SIGNIFICANCE TO BUSINESSES, TO GOVERNMENTS , CITIZENS... & TO THEIR BANKS esp now that Brexit compels a global approach ?
Here is a typical transaction flow:

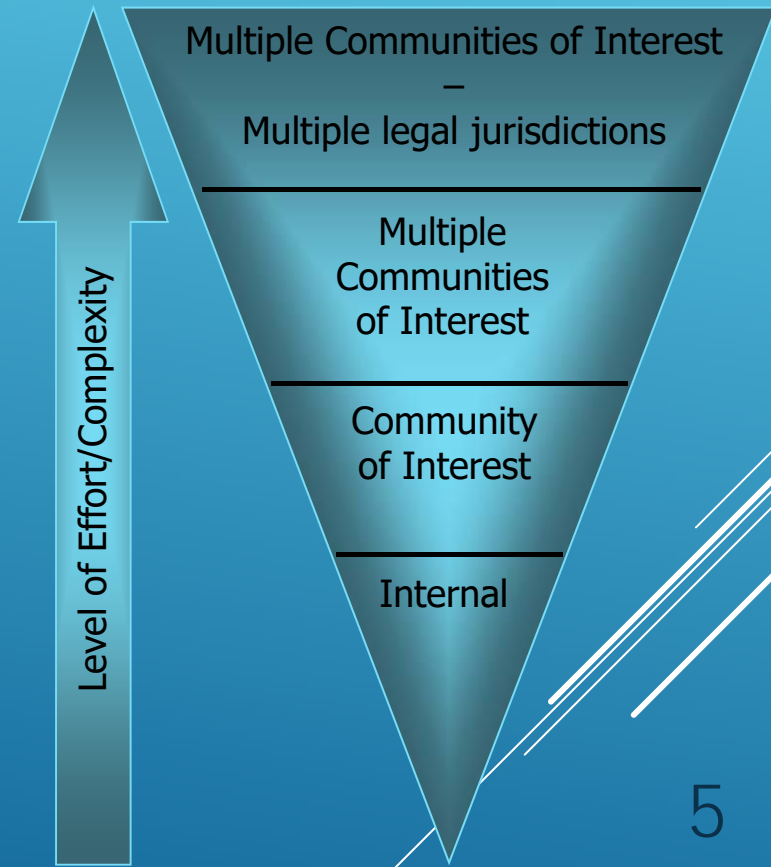


BUT, TO BE OF REAL VALUE, THERE MUST BE UPFRONT CLARITY ON TWO DISTINCT ISSUES

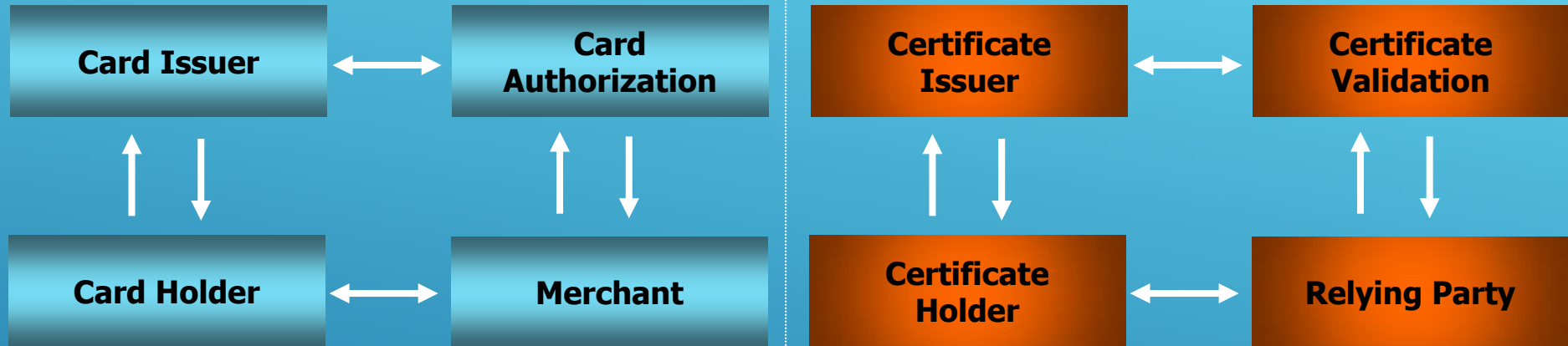
1. What aspects of underlying Identity will be managed?



2. Who will be covered by the Trust Model?



BACK TO GALLS LAW.....THE MODEL IS EVOLUTIONARY.
THINK OF 1970'S CREATION OF VISA OR MASTERCARD AS
SCHEMES FOR CARD PAYMENTS, OR CHEQUE CLEARING
RULES FROM 1770.....



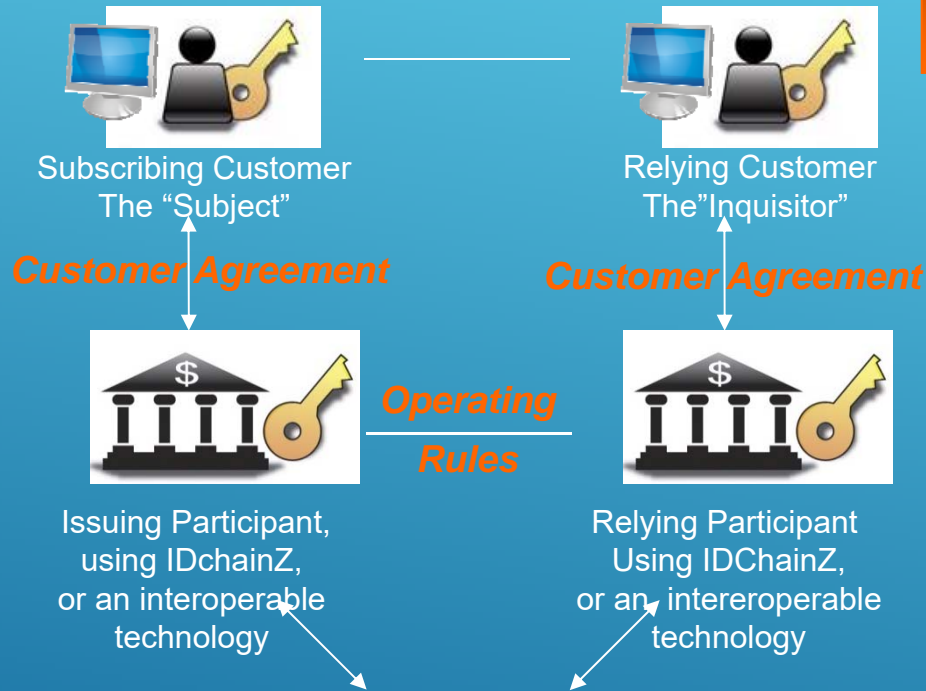
Trusted Transactions

*Powered by Credit Card Associations,
e.g. VISA, MasterCard, etc.*

Trusted Identities Via a Trust Network

**A 3rd party enabler manages the Network, uses
established standards, ensures compliance**

A COMMON LAW BASED CONTRACTUAL LEGAL FRAMEWORK-



Root

Simply authenticates each Participant to each other;
The "Subject" & "Inquisitor" liabilities & entitlements are
Determined by Customer Agreements (which will contain
the minimum "scheme level" requirements but are thereafter
negotiable between Participant & Customer

Global Legal Interoperability is possible only in a Contractual System governing ...

- **Liability and Recourse Among All Parties**
 - Operating Rules bind all players
 - Customer Agreements bind customers to contractual liability limitations
- **Legal Recognition of Digital Signatures**
- **Contract Formation Electronically**
 - Signed "online certificate status protocol" validation assures every Relying Party is bound to a customer agreement
 - Legal effect of digital signatures authenticated by those validated certificates provided by contract, globally
- **Dispute Resolution over Signature Validity**
 - Dispute Resolution Procedures provide private forum (London Court of Arbitrage)
- **Technical Standards**
 - Ensures compatibility across the Network
 - Reduces cost through vendor competition for standard component elements

OR SEEN ANOTHER WAY,... EACH USABLE
INDEPENDENTLY OR AS PART OF A BROADER
INTERCONNECTED TRANSACTION STRUCTURE



Identity – Validation – Liability Management
Global interoperability – Legal enforceability under Contract Law
All needed for truly trusted Commerce and citizen interactions

GLOBAL BRITAIN, GLOBAL TRUST.....
A GLOBAL DIGITAL IDENTITY CLEARING
HOUSE

A FOUNDATION STONE FOR DIGITAL
CURRENCIES AND THE ASSOCIATED
STRUCTURAL IMPLICATIONS OF MUTUALLY
DISTRIBUTED LEDGER TECHNOLOGIES

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