Why do we talk about the Blockchain?

Blockchain Innovation by
Lantmäteriet, the Swedish Mapping, Cadastre and Land Registration Authority

Lausanne

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Mats Snäll

LANTMÄTERIET

Creating trust in the virtual world to the gaming and social media generation is a challenge for Digital Government.
What are the ways for governments to achieve this?
Are yesterday's as well as today's failures opening the doors to new solutions?

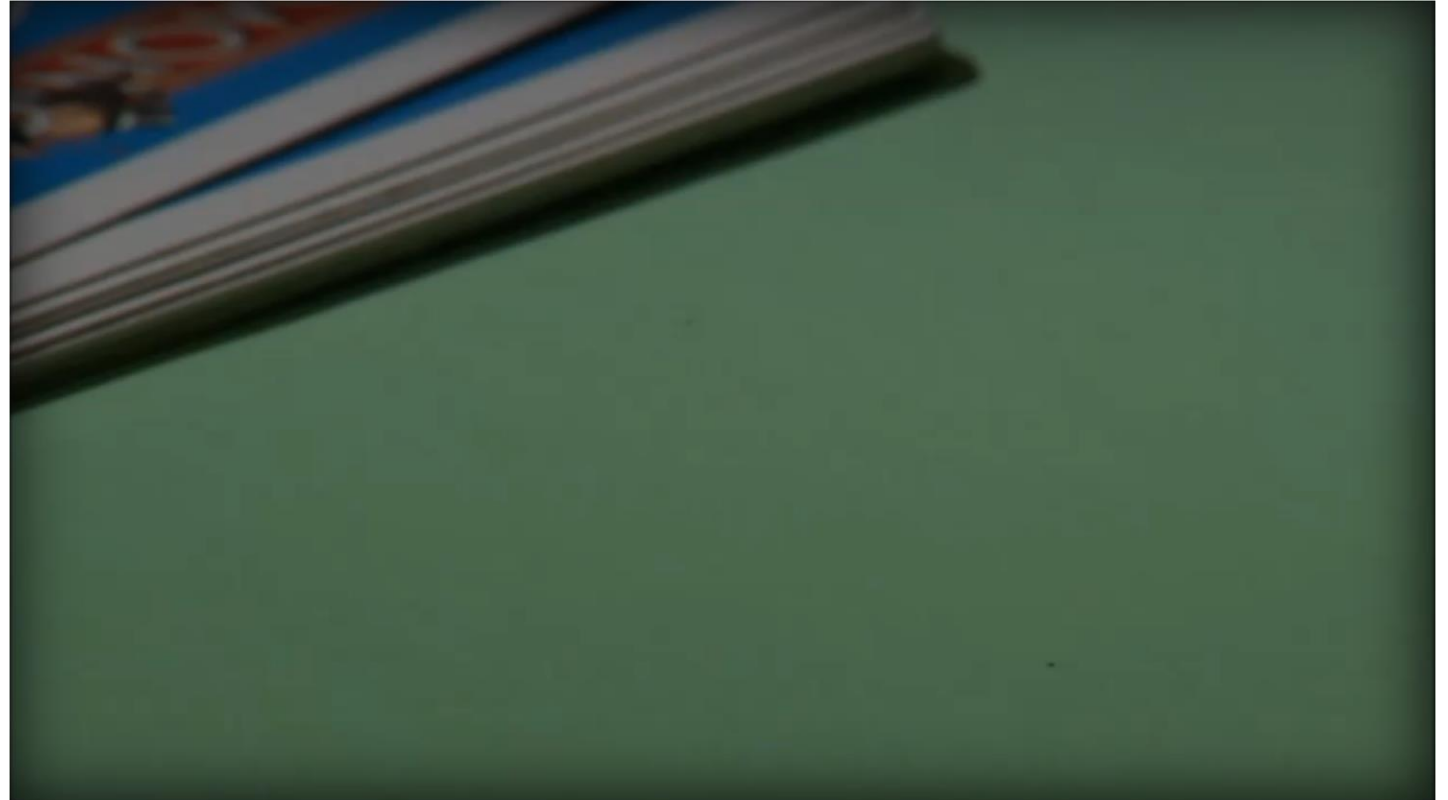Are trust, satisfaction and loyalty the key elements to user experience?

Some important aspects regarding trust in a system... like the Land Administration System

A safe investment

Each workday Swedish real properties are mortgaged for

1 000 Million SEK (more than EUR 100 Million, 91 041.783 BITCOIN, 89 006 580 GBP)

3,2 million owners

Over 1000 new ownership registration per day

(10 million citizens)

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Big values

Swedish real estate properties wort three times as much as the national GDP

About 12 000 billion SEK (more than 1200 Million EUR,
9 968 737 065 BITCOIN,)

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Earned trust

400 years of Swedish mapping and land registration.

From rituals to pen and paper to mainframe computing to centralized database systems ALL built on secure and sound processes and officials
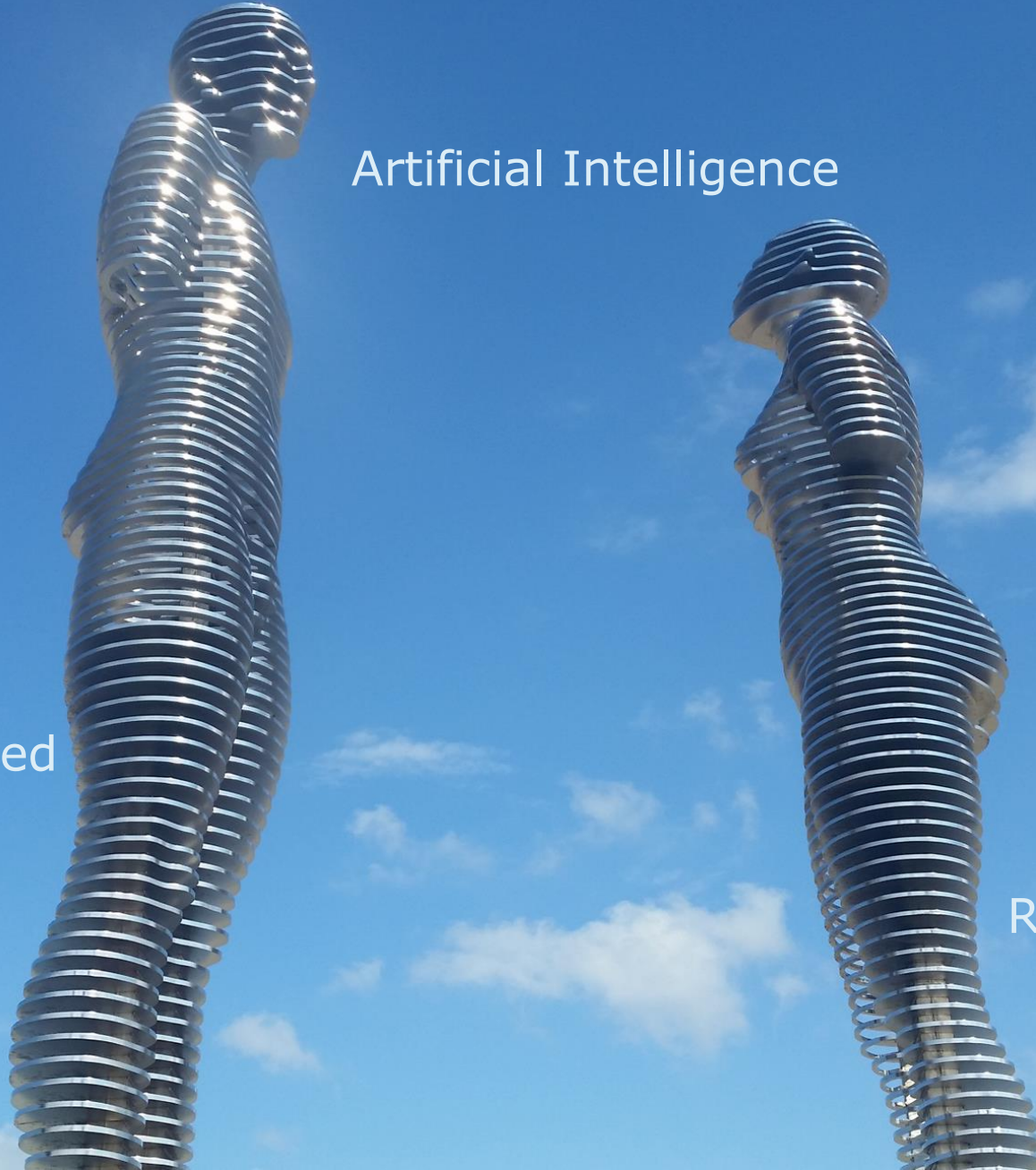
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DATABASE

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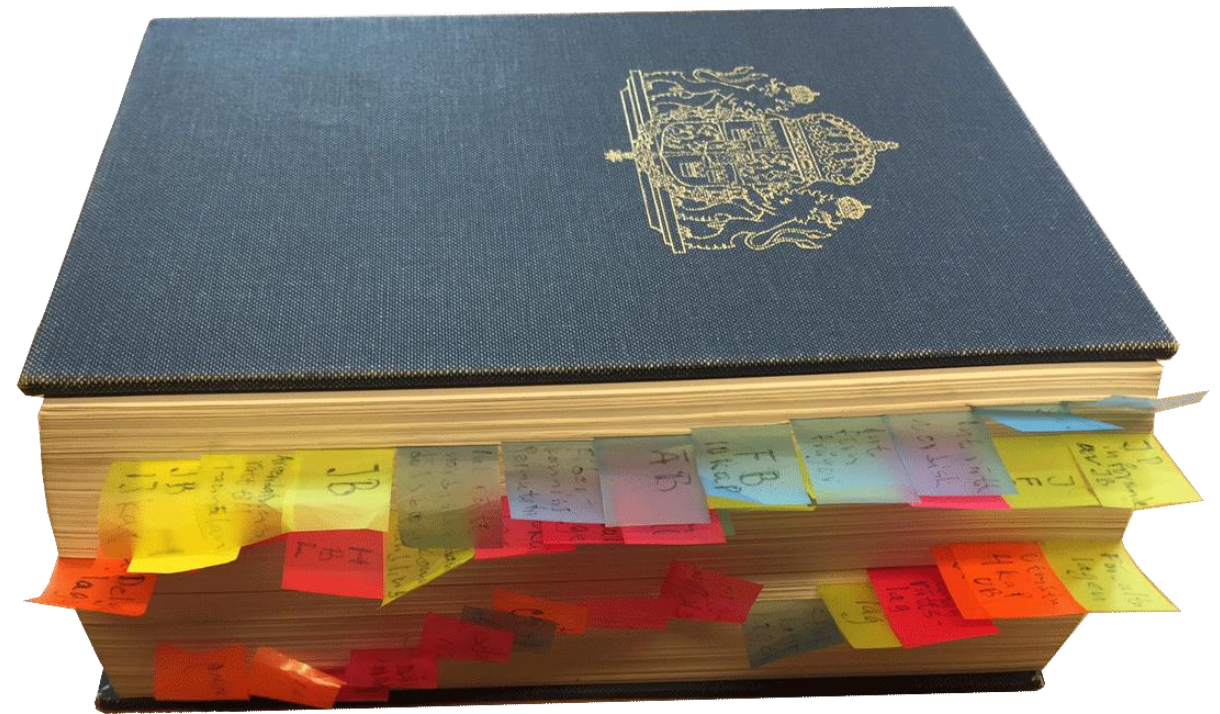
Keep Trust in the Virtual World

Artificial Intelligence

Cloud

Social Media

Gamification

Virtual/Augmented/Mixed Reality

Robotic Process Automation

Here we are...

To buy a house in the digital world ...

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Thanks to
unknown graff
artist in Barcelona

BLOCKCHAIN TECHNOLOGY OFFERS:

- Digital originals for real
- True open diary
- A log for transactions and a log for processes
- Really smart contracts

A way to have tranparency along with secure information without risk for corruption

A new Trust Machine, please?

THE GEORGIA CASE

GEOLOGICAL UNSTABLE LOCATION

INVADED BY FOREIGN POWER IN 2008

CONSTANTLY THREATENED BY HACK ATTACKS

OFFER PROPERTY OWNERS TO PUT THE OWNER CERTIFICATE ON THE BITCOIN BLOCKCHAIN FOR GEL 1 (THIRD OF 1 EUR)

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5 By 2022, a Blockchain-Based Business Will Be Worth $10 Billion

Recognize: Blockchain applications are immature, but not for long.

Prioritize: Ledger Experiments → Blockchain Ledgers → Smart Contracts

Respond: Blockchain roadmaps must include transaction efficiency.

Near-Term Flag: By YE17, deployment of multimode blockchains across industries

Analysis by: David Furlonger, Martin Reynolds, Ray Valdes

So thats why we talk about the blockchain

Sweden – A system of trust that guarantee information on land and property in the past, now and in the future

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Thank you!

Mats Snäll

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L A N T M Ä T E R I E T

Imagine the next generation of land owners; manage appropriate boundaries together with neighbors in a way that suit their demands; positioning and setting coordinates; agree on contracts, deal with and give out rights to use or share land and resources; and doing all this without any involvement from the public administration or any officials beside the state guaranteed information and the control mechanisms built into the systems;

without any risk of corruption of people or data, fraud, falsification or misstakes.

L A N T M Ä T E R I E T