

Trust Over IP Foundation - AIM taskforce brief – Aug 4th 2022

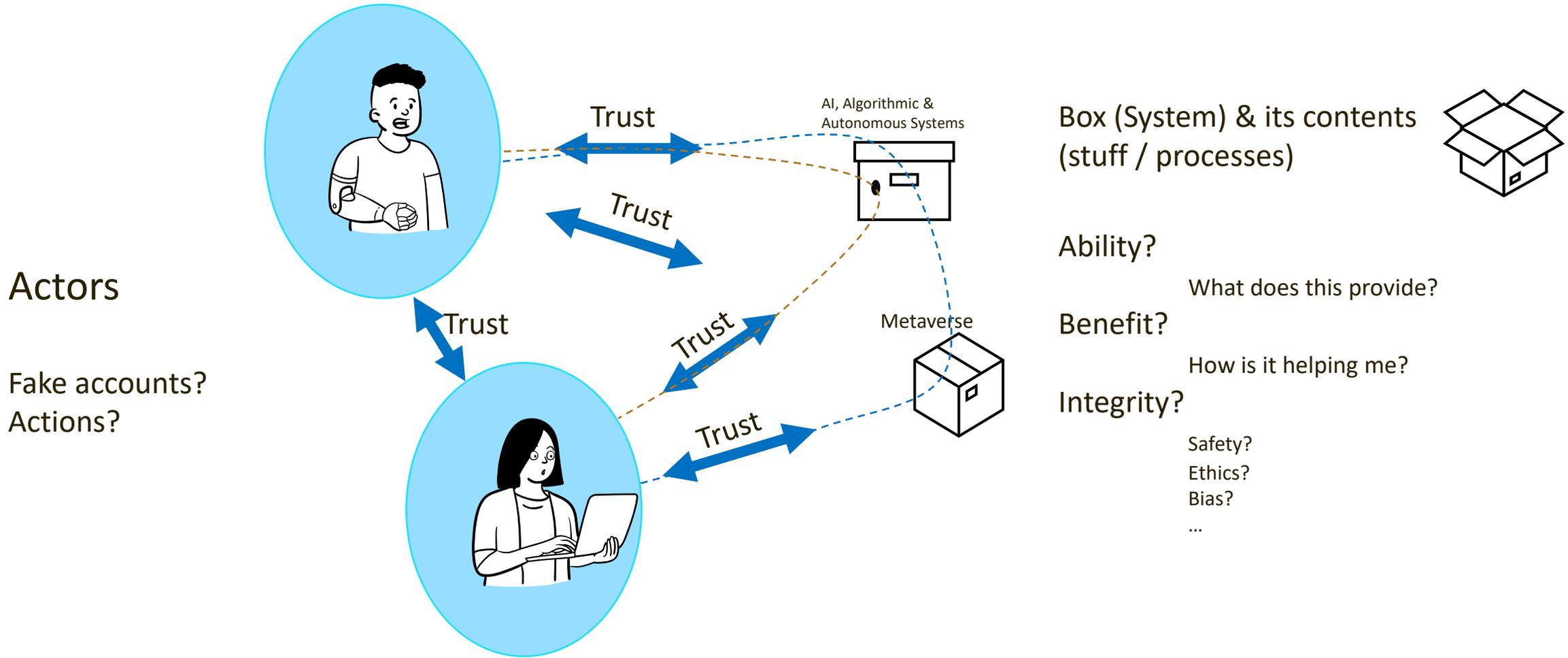
Vikas Malhotra

Trust fabric for [digital] life experiences

Making our experiences [as we work, play, learn, live] safe, fair & trusted



How do we look at the situation?



How could we create 2-way Trust?

'Trust over IP' stack

<https://trustoverip.org/wp-content/uploads/Introduction-to-ToIP-V2.0-2021-11-17.pdf>

[Design-Principles-for-the-ToIP-Stack-V1.0-2022-01-17.pdf](https://trustoverip.org/wp-content/uploads/Design-Principles-for-the-ToIP-Stack-V1.0-2022-01-17.pdf) (trustoverip.org)

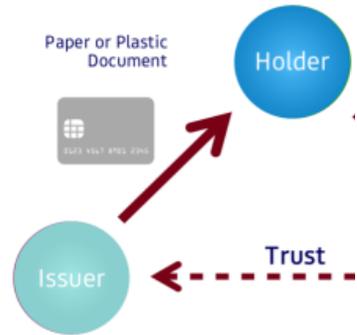


Figure 8: The three roles in the cred

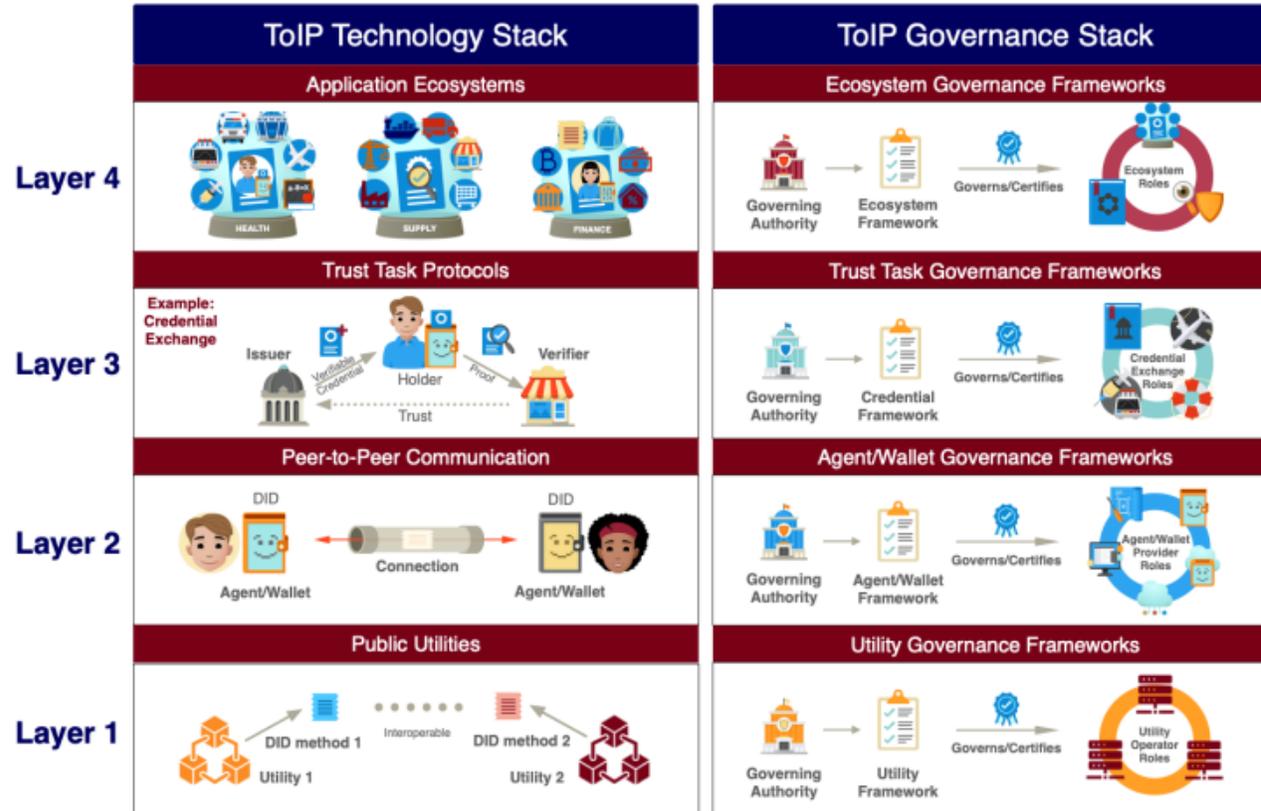


Figure 15. An overview of the four layers and two halves of the ToIP stack

Artificial Intelligence, Algorithmic & Automated Systems

- What are AI, Algorithms and Automated Systems?

Artificial Intelligence, Algorithms and Automated Systems could be described as systems that create some form of experience with self reinforcement and data learning.

“In its simplest form, artificial intelligence is a field that combines computer science and robust datasets to enable problem-solving.” - IBM

- What are (or potential) issues?

Automated decisioning that may impact a person

How data sets are sourced, created, managed and used.

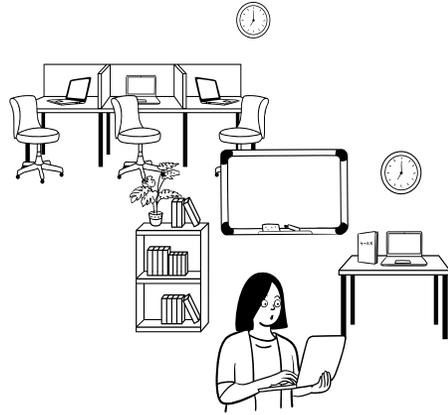
Issues related to privacy, security, ethics, bias etc.



Metaverse (s)

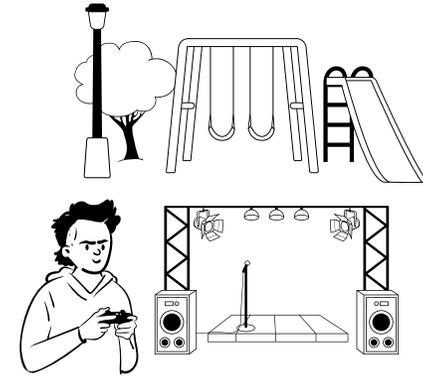
- We had 'Uni'-verse. What is 'Meta'-verse? What is this?
 - A different form space to interact or bring different way to interact in real world? Alternate 'beings' in this space or alternate 'experiences' in real world?
 - Jury is still out on what will happen in this space. Today, it is very much being seen as entertainment and purchase of stuff that may or may not be tied to 'real' assets. Notions of meetings and marketing presence are also developing.
 - Are there other scenarios?
- What are (or potential) issues?
 - Privacy, security & in general safety. Get people to communicate via another medium and get people to part with their assets or information – Who can breach this? How to mitigate? - [Study outlines privacy risks in metaverse virtual worlds • The Register; 2207.13176.pdf \(arxiv.org\)](#);
 - Do alternate 'beings' represent real human 'beings'? Bots? Fake? Beings from 'other worlds'?
 - What are we interacting with? Assets vs vaporware?
 - Processes & Transactions?
 - Privacy & Security in the environment.





WORK

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work, play, learn, live



PLAY

Thank you !



LEARN

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LIVE