Sovrin IoT Working Group

Interim report

IoT Working Group

- Web page ([link](#))
- Charter ([link](#) PDF)
- Whitepaper ([Self-Sovereign Identity and IoT](#) PDF)
- Blog post ([Outlining a Self-Sovereign Approach to Device Onboarding](#))
- Proposal: [Native (Bare Metal) DID and VC support for IoT](#)

IoT Working Group Activities and Duties (from charter)

1. Recommend inputs and revisions to Sovrin Governance Frameworks which pertain to IoT including Controlled Documents and Glossary.
2. **Act as a source of expertise and promote understanding of IoT within wider SSI communities.**
3. Convene task forces or sub-groups to focus on specific industries, IoT challenges, or user-groups as required.
4. Develop community resources and practical guidance to support those implementing SSI based solutions in IoT.
5. Risk Mitigation
6. **Promote the use of IoT to deliver on the *Identity for All* mission**
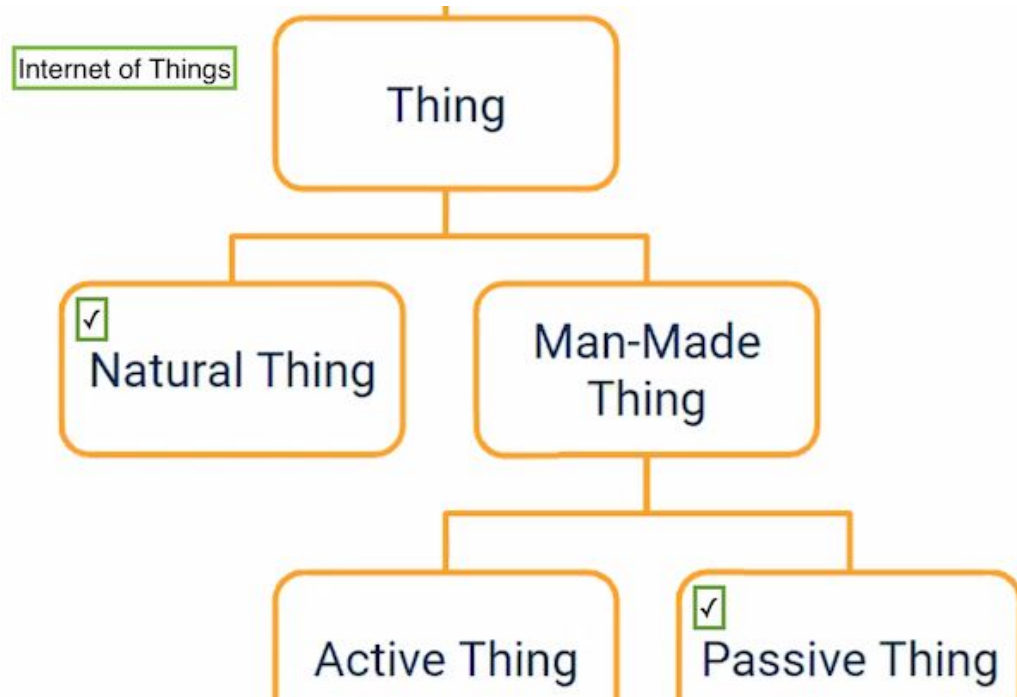
SSI and IoT white paper

- IoT Background
- Personas
  - Jamie, a person living with dementia and diabetes, cared for by Anne
  - Bob, an infrastructure manager
  - Bessie the Cow, a cow
- Challenges
- Solutions
- Business Value of SSI in IoT
- Conclusions and Next Steps
- **Appendix: Digital Twin**

What is IoT?

- Internet of … Servers
- Internet of Persons (both corporate and corporeal)
- Internet of Things
- Internet of Things devices

- Digital Twins as things on the Internet

Anne has attached an identifying tag to it. This allows for it to be connected to a digital twin (owned/controlled by Anne and Jamie) when one of them scans the tag with a smartphone.

The device itself looks like this (Figure 8) (note the attached QR Code [46] [47]):
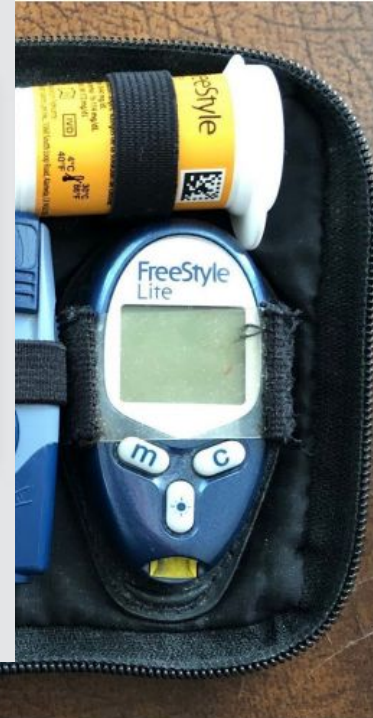

Figure 8: Glucose Meter

Safe and Mine

Thanks for scanning tag id: MQVZ4A ()!

Owner: Bruce Conrad

Email: Manifold@sanbachs.com

Owner's Public Message: Did I lose that bag again? Thanks for finding it!
Please let me know at 801-831-4410

Return home

a homepage for my laptop bag

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