

TGbi - Enhancing Privacy – a Smart Home Use case

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TGbi Privacy Use Case

Smart Home Environment

Use case

- The Smart Home scenario is composed of different kind of devices, mainly of static nature, which do not generally change of AP.
- Possible privacy risks occur due to the static nature of the smart home appliances and possible correlation by inspection.
- Correlation between the data generated by devices at home, physically observable events and identity of the devices (e.g., MAC address) is possible, potentially leaking private data about the users behavior.

Status of Use Case

- Use case presented at IEEE 802.11bi session on the 05/14/2021, agreed to move forward the use case based on this template

Document references

- Original DCN: <https://mentor.ieee.org/802.11/dcn/21/11-21-0841-00-00bi-smart-home-use-case.pdf>