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# Securing the Internet of Things at Scale

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# Securing the Internet of Things at Scale

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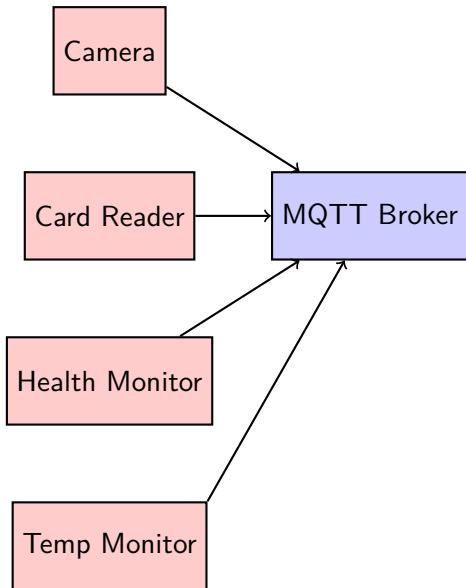


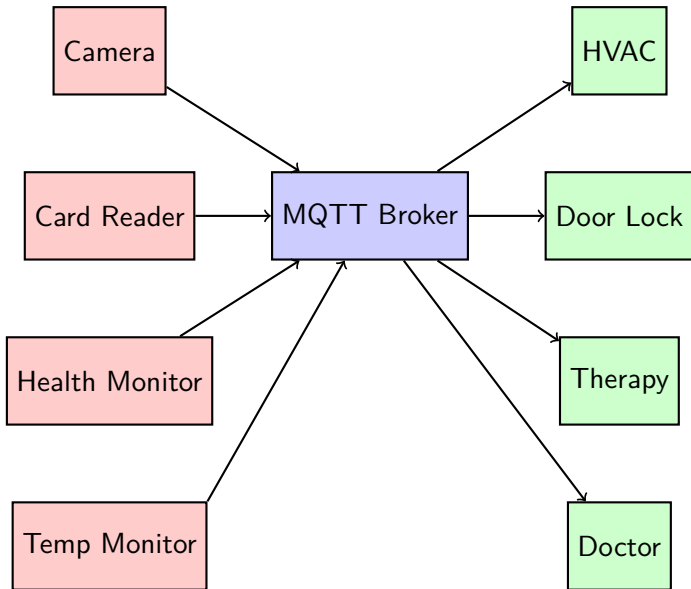
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Image: Lipson-Smith, Zeeman, et al. / 2023 





# Approach

- Build ABAC policy enforcement agent.
- Independent “plug-in” for the MQTT broker.
- Enhanced for streamed data with dynamic controls.
- Works efficiently at large scales.

# Experimental Plan

- Create enforcement agent.
- Emulate sensor and subscriber network.
- Run large traffic loads.
- Privacy, Safety concerns represented.
- Analyze effectiveness *and* efficiency at scale.



Thank you!



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