

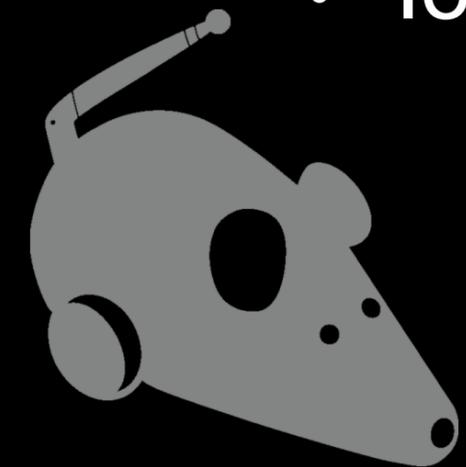
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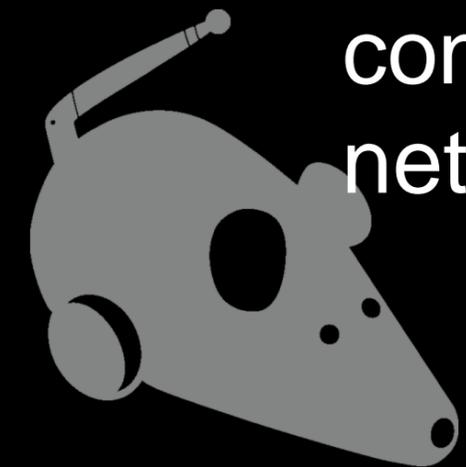
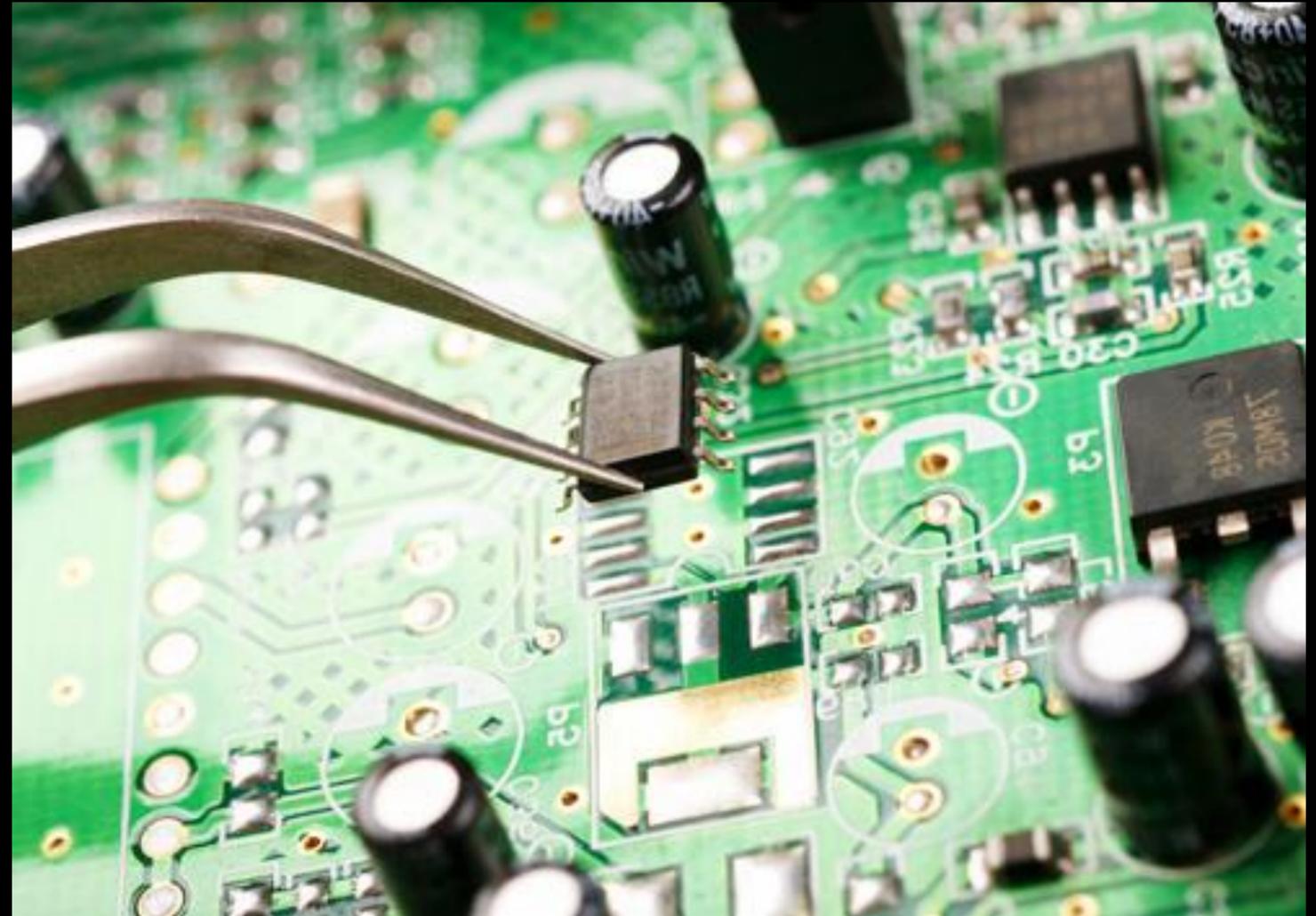
Lessons from Mobile

- Google's Android's ecosystem model hasn't met expectations
- Apple's iOS has similar failures with regard to updates
- IoT is sure to follow suit



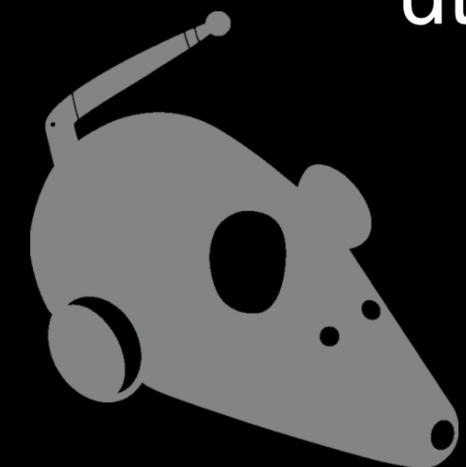
Lessons from DARPA

- Most IoT technology is very similar in design
- IoT breaks down to a simple set of device classes and communications models
- Securing IoT requires concerted efforts at hardware, network, and back-end



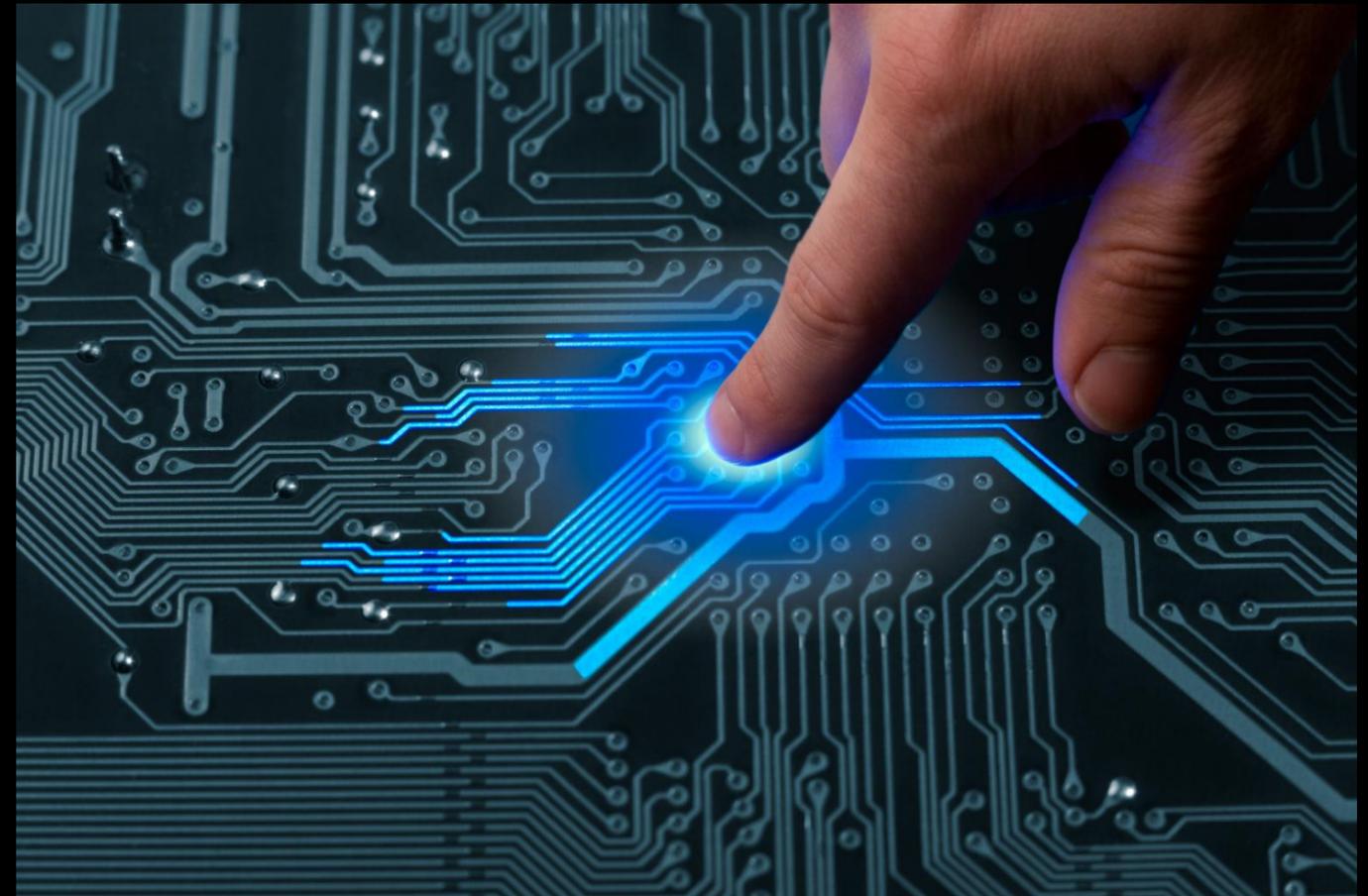
Lessons from GSMA

- Cellular and LPWAN will dominate IoT communication
- The security experience of the cellular industry cannot be matched
- Many technologies poised for utilization in IoT

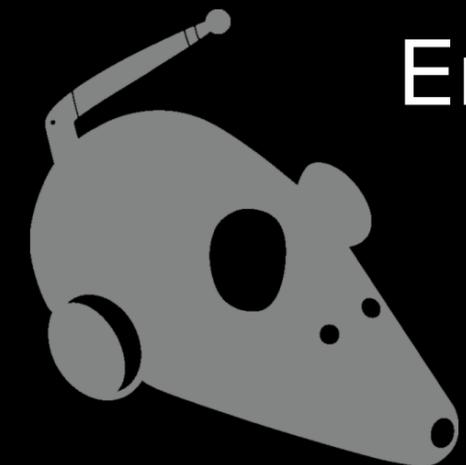


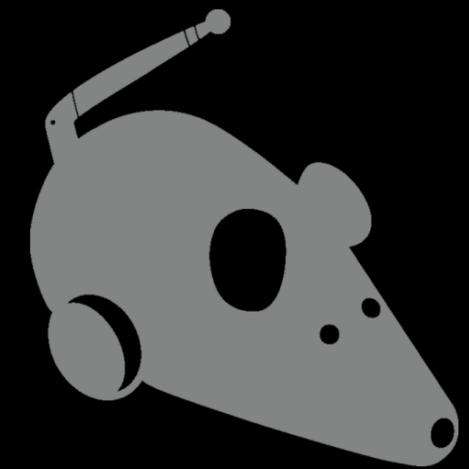
GSMA IoT Security Guidelines

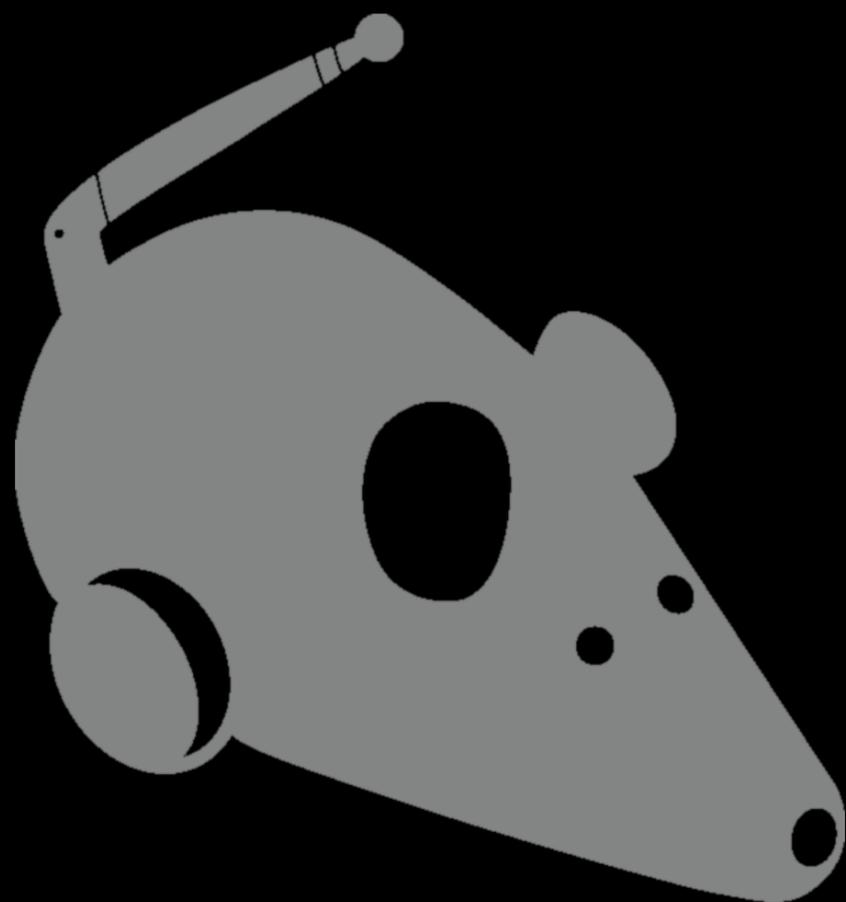
- Addresses the root of security failures: the architecture
- Ensures consolidation of efforts across hardware, network, and back-end
- Facilitates communication between Executives and Engineers



www.gsma.com/connectedliving/iot-security-guidelines







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