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# FCC workshop to focus on prevention of mobile device theft

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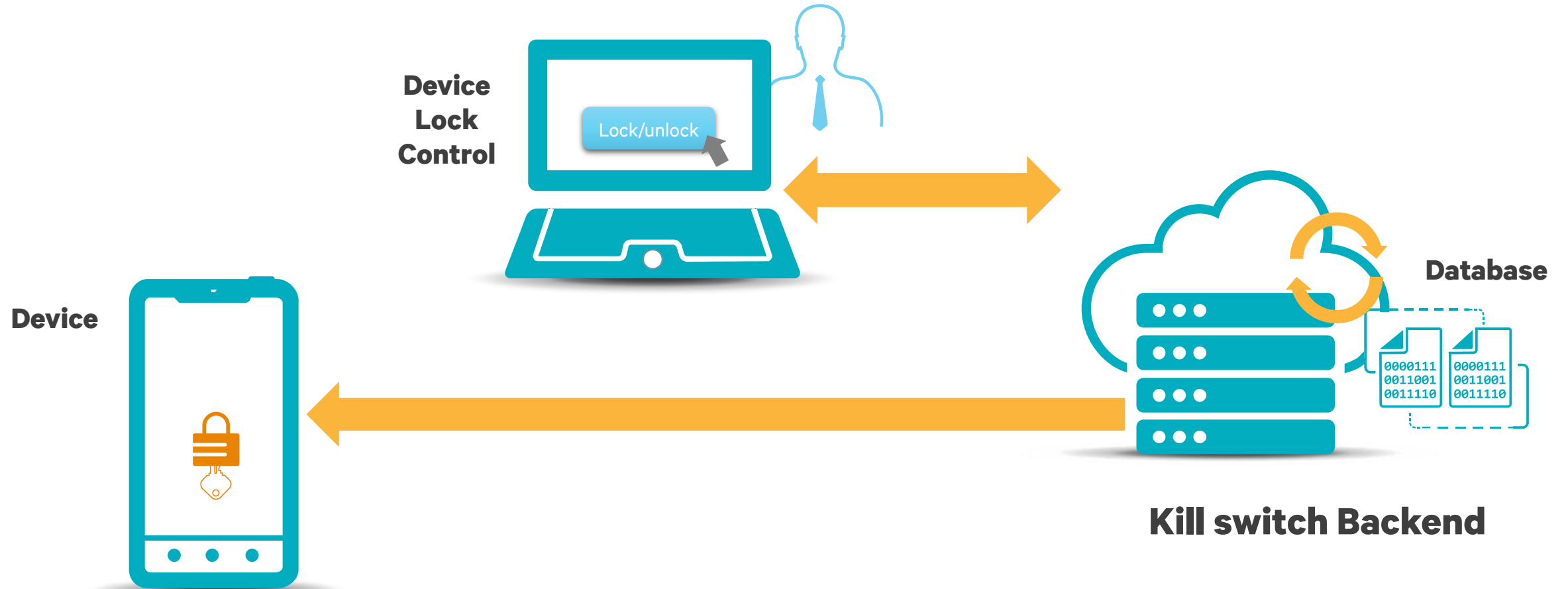


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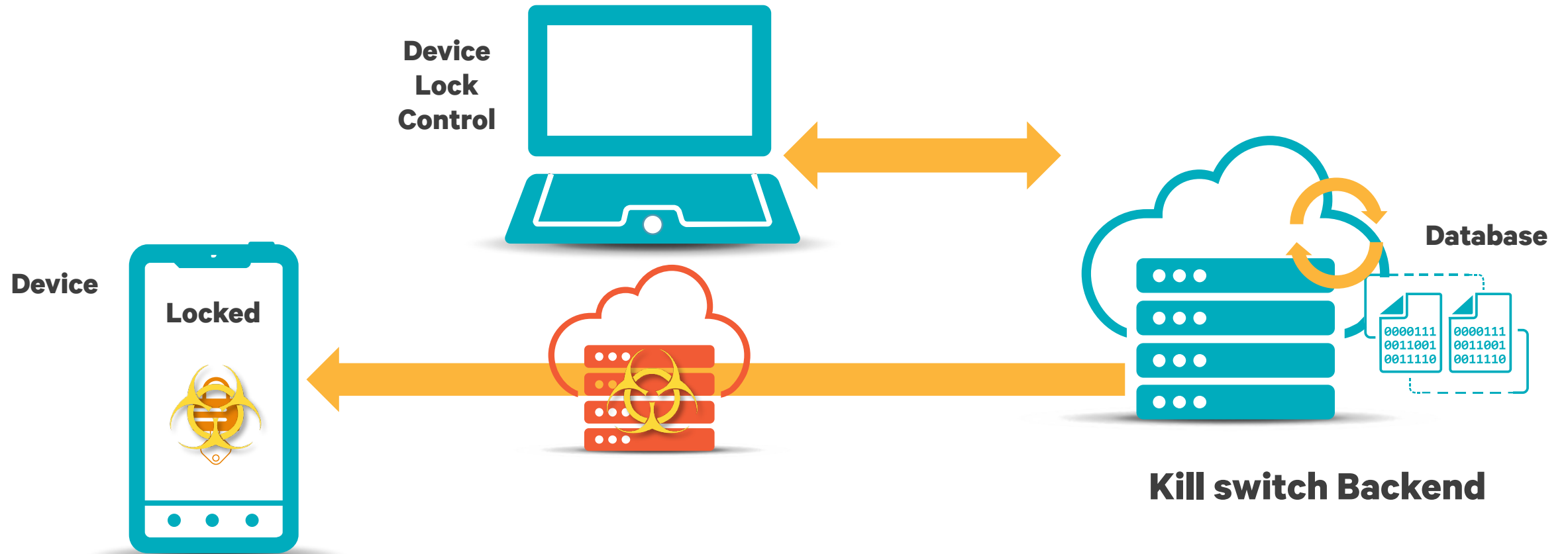
# Our position

- QTI appreciates the need for a kill switch solution to protect the public and to deter crimes
- Implementing a kill switch feature may create a risk to consumers, mobile network operators (MNO) and device manufacturers (OEM), if a kill switch solution is not properly designed and secured
- A kill switch solution can be a double-edged sword. If not implemented correctly, it can be abused by unauthorized entities to hijack innocent users' devices
- A kill switch is actually a multi-layered solution that starts with a robust kill switch client embedded in the device, and ends with a secure backend system to manage subscriptions and activations
- As such, architecting a reliable end-to-end kill switch solution requires the collaboration of different technology providers across the wireless ecosystem, including chipset manufacturers, OEMs, mobile network operators, and others

# Kill switch solution components



# Concern #1: Fraudulent kill command

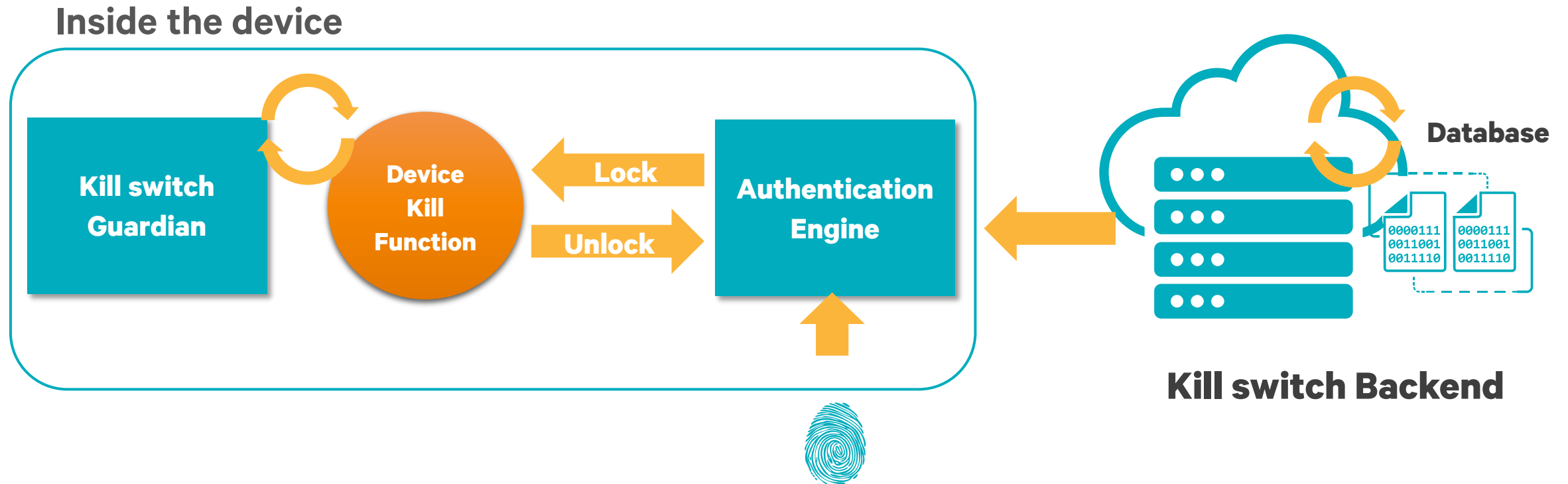


# Concern #2: Factory reset / re-flash attack



# Our kill switch client\*

Built on top of Qualcomm® SecureMSM™



\*Anticipated OEM availability Q1 2015

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# Our role

- Our work is aimed at reducing overall smartphone theft, providing consumers with reliable authentication, and minimizing any impact on the quality and services that MNOs provide to their customers
- Qualcomm® SecureMSM™ security solution is currently used on billions of devices worldwide. Based on this security technology, QTI built the client elements that are required for a robust and reliable kill switch solution
- We are happy to collaborate with others in building and testing an end-to-end kill switch reference design or designs.
- Our goal is to work with our companies in the wireless ecosystem to help design and implement a solution or solutions that are designed to protect against various attacks, including re-flash and factory reset, and comply with standards requirements such as E911 emergency calls

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# Thank you

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