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# FUTURE INTERNET Smart ...











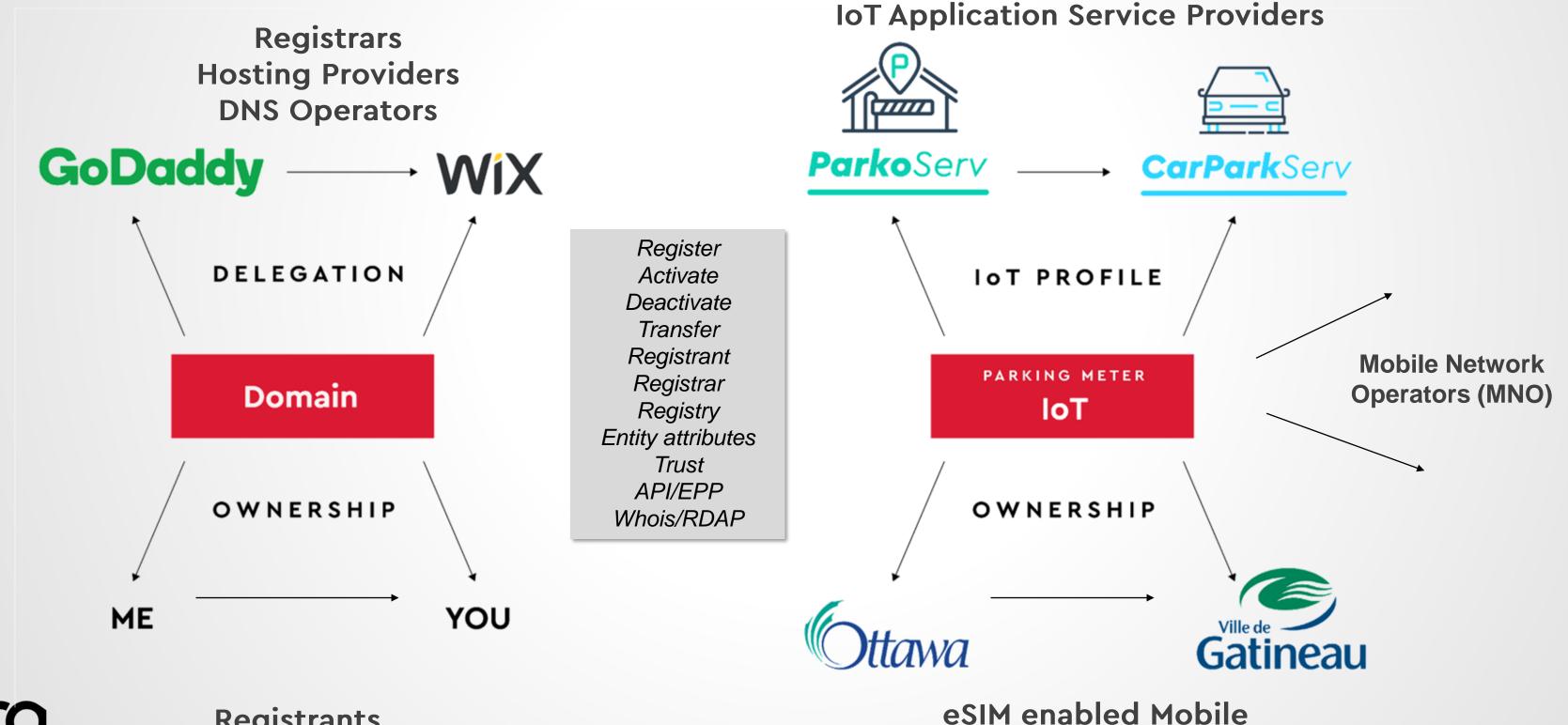






#### THE OPPORTUNITY - SIMILARITIES BETWEEN

### Domain Names & IoT SAFE enabled IoT Devices



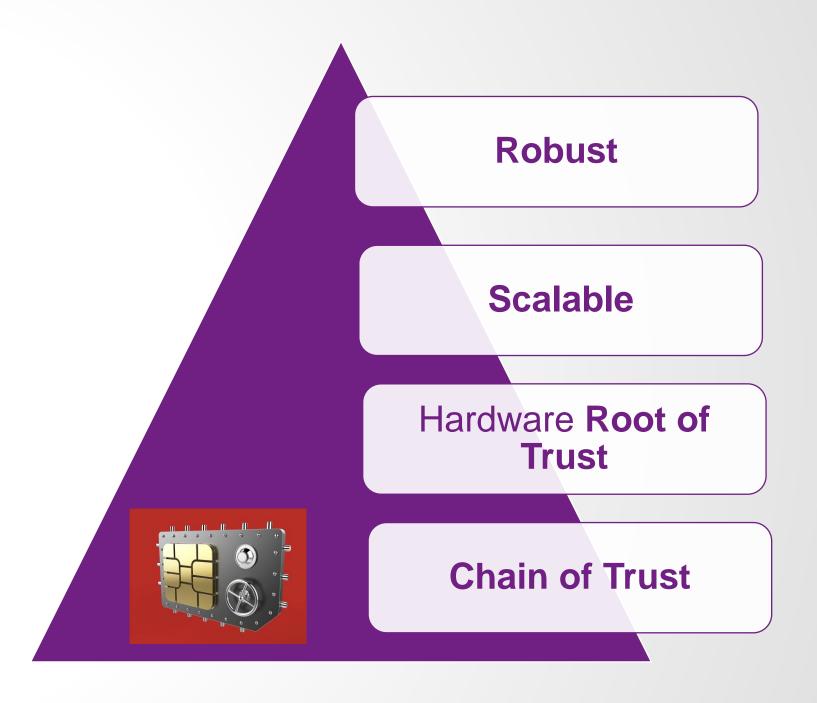


Registrants

**IoT Device Owners** 

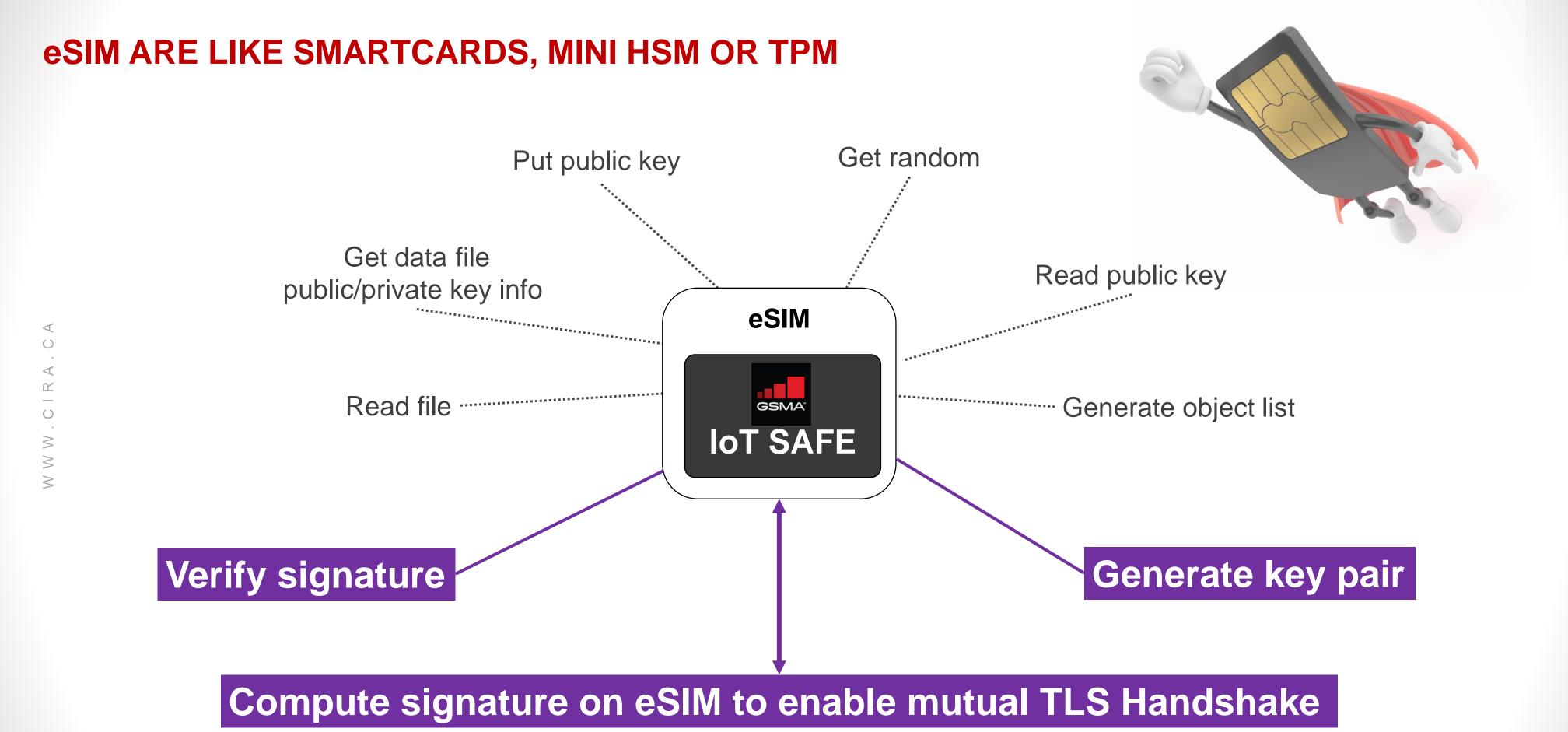








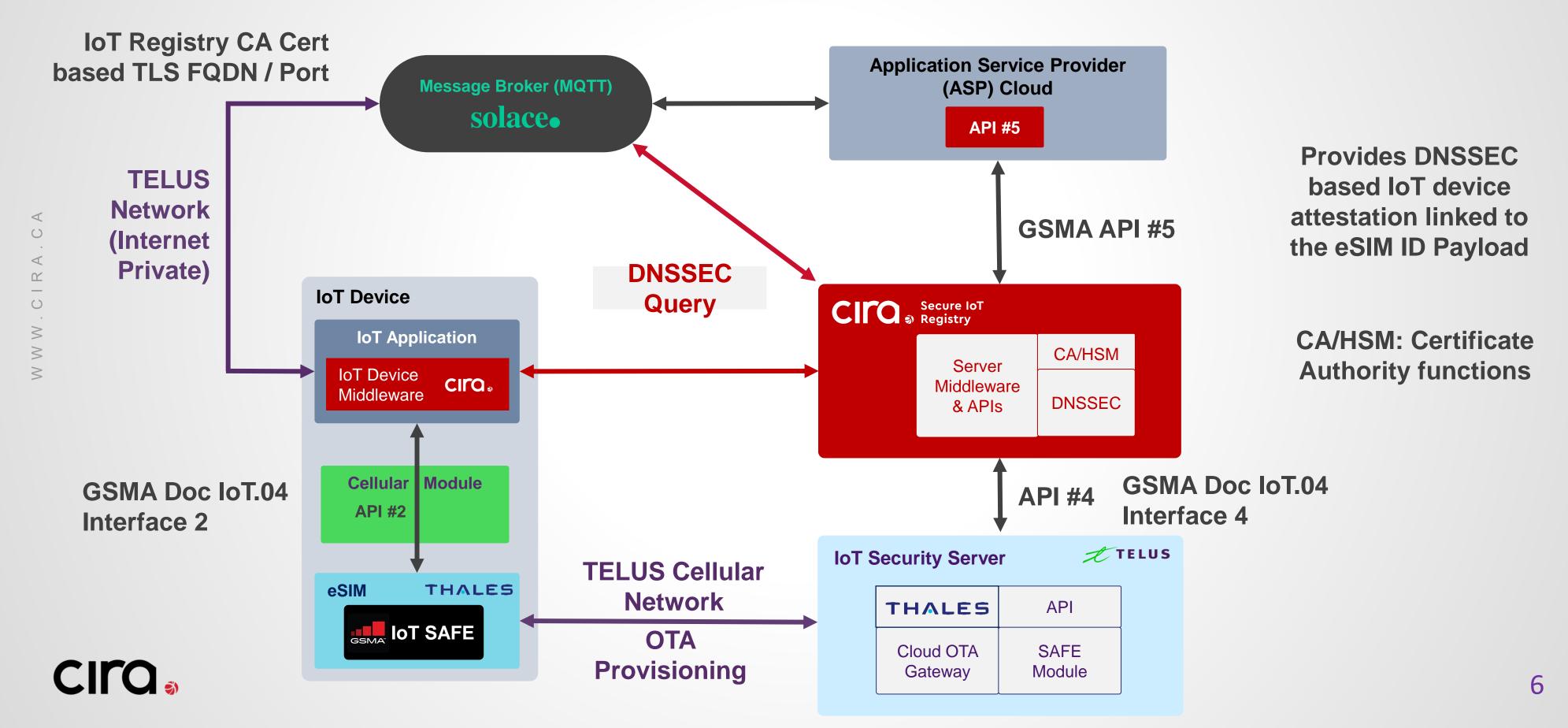
https://www.gsma.com/iot/iot-safe/





#### ZERO TOUCH REMOTE eSIM PROVISIONING

# Building on the existing eSIM -> MNO trust model



#### CIRA SECURE IOT REGISTRY

## Zero Touch

- Connects to correct MNO
- Pushes configuration / security certificates to the devices
- Provisioning/De-provisioning devices
- Changing MNO/service provider for devices
- Disconnecting from MNO







How can we have more opensource code that supports DANE/DANISH DNSSEC validation on mutual TLS connections?



Should every ccTLD operate their own IoT Registry?



How should inter-registry registration activity be trusted?



Is the trust in operating a ccTLD leverageable to operate an IoT Registry?



How do we differentiate the IoT Registry from current hard coded locked-in major cloud provider solutions ;-)







