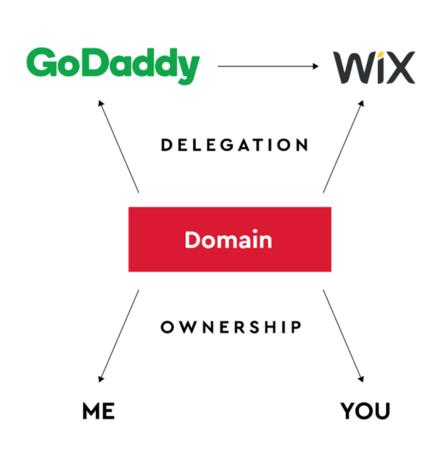
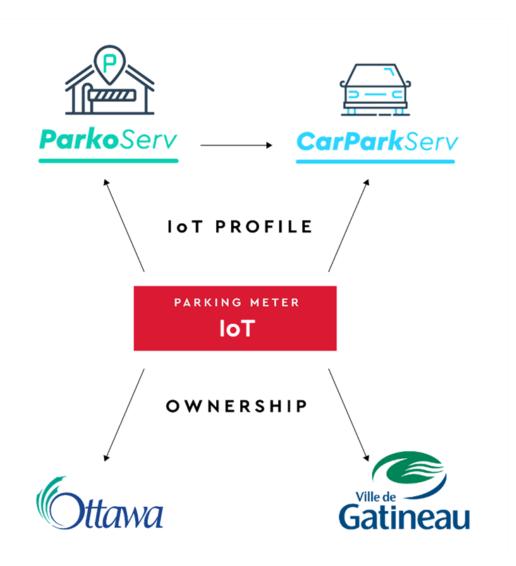


5G IoT Registry DEMO

https://cira.ca/IoT

Similarity between Domain Names and 5G IoT Devices





THE CITY OF OTTAWA BUYS 1000 GENERIC SMART PARKING METERS AND SELECTS PARKOSERV AS CLOUD SERVICE PROVIDER





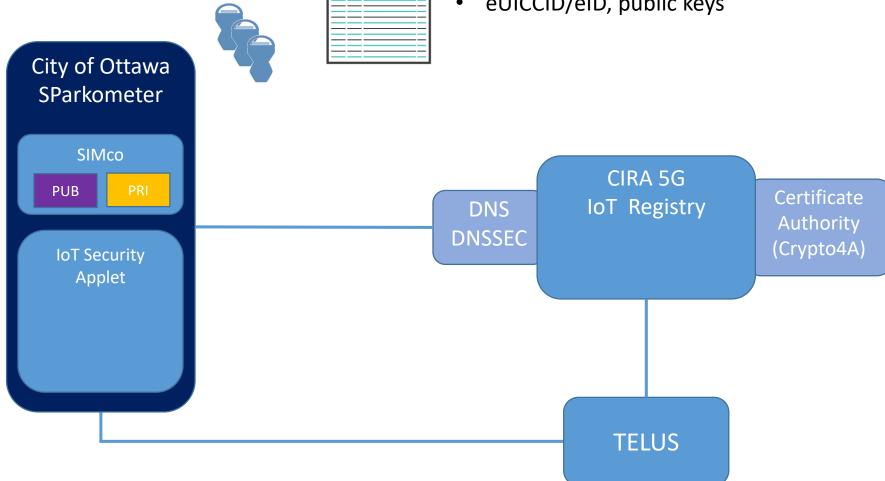
1 - Procurement:

City of Ottawa buys 1000 SParkometers (generic smart parking meters)

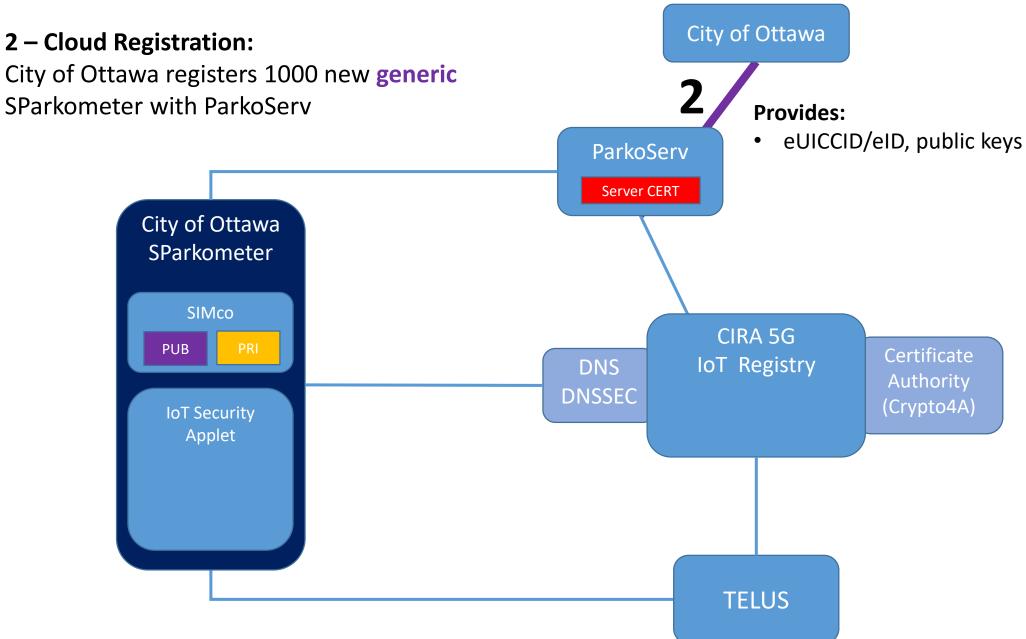
City of Ottawa

Provides:

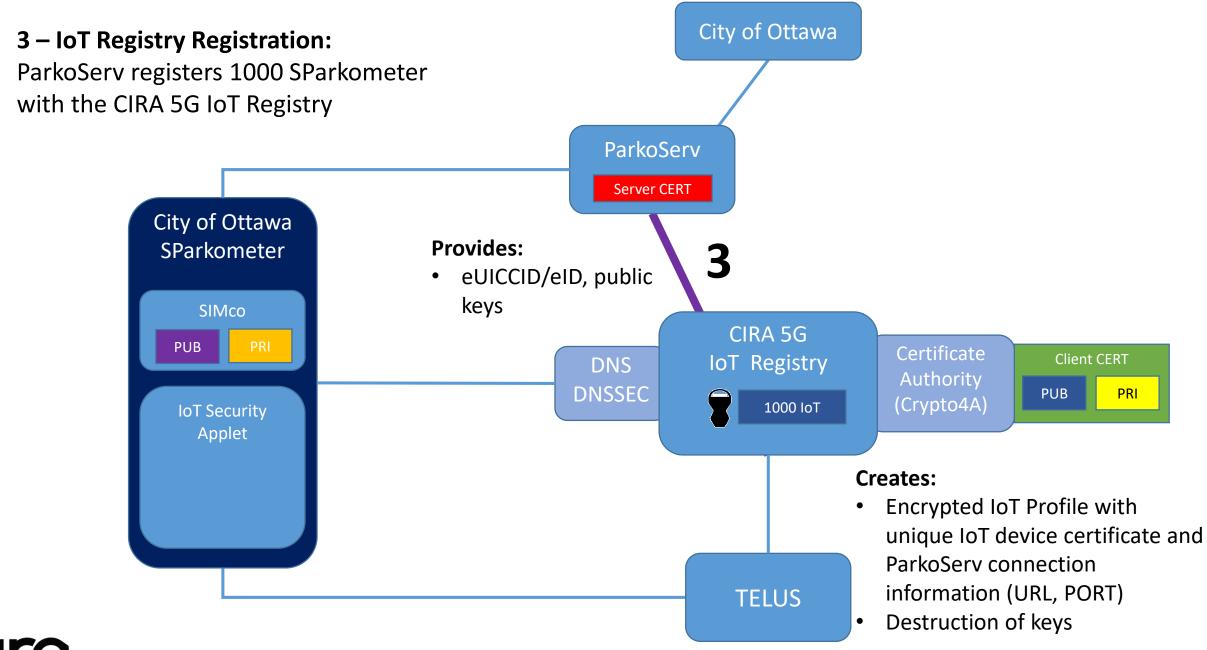
eUICCID/eID, public keys



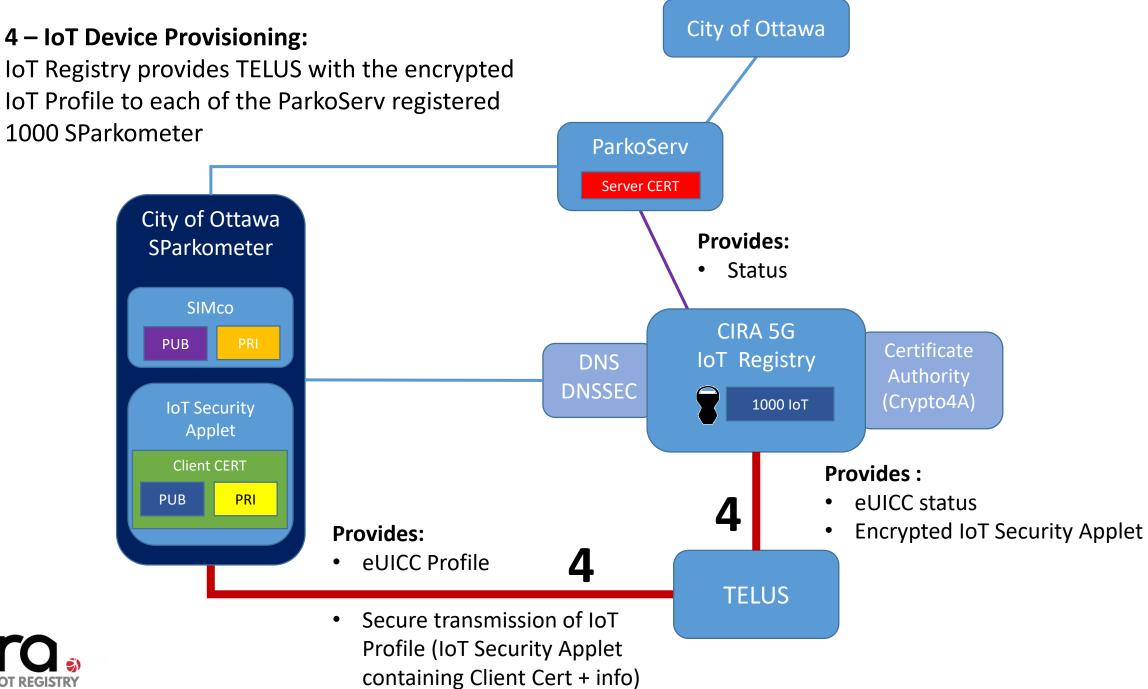




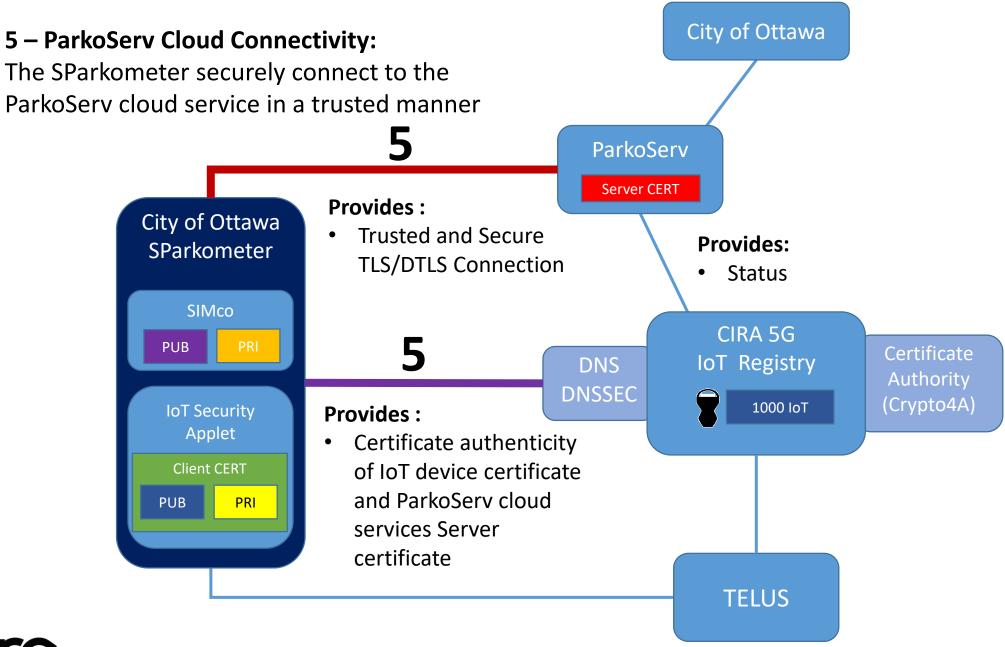
















THE CITY OF OTTAWA CHANGES THEIR PARKING CLOUD PROVIDER

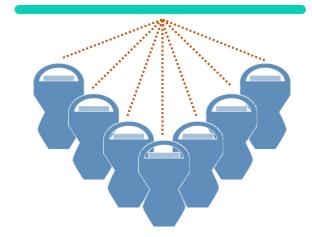














AND TERMINATE THEIR SERVICE AGREEMENT WITH PARKOSERV

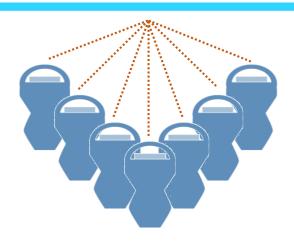




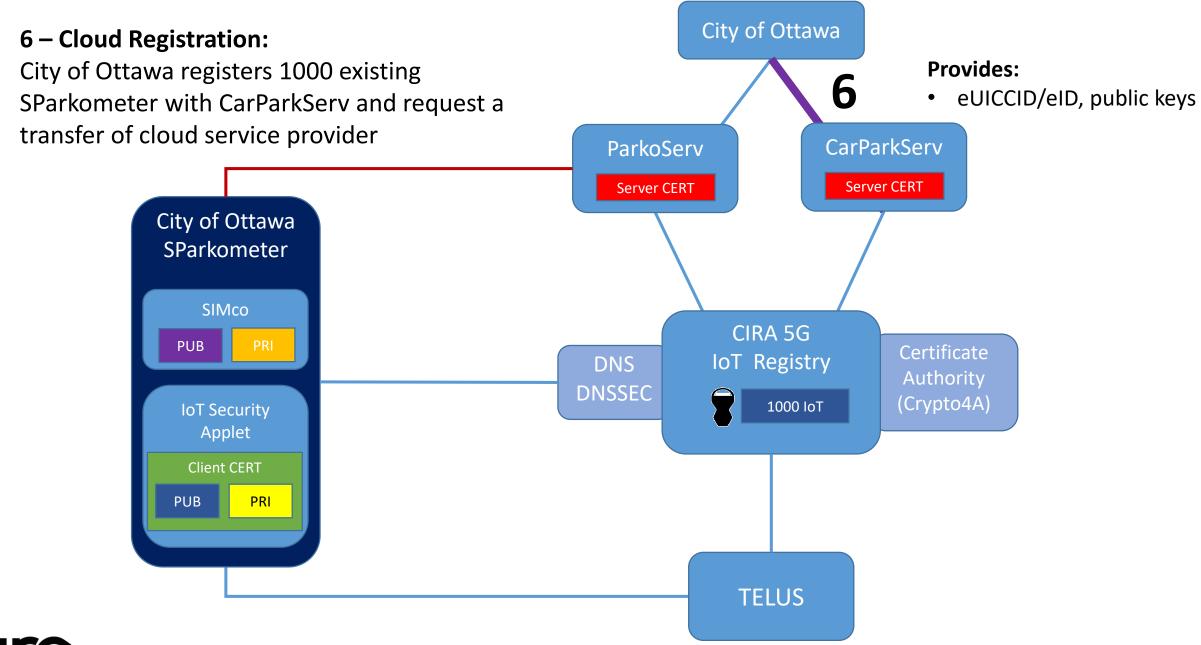




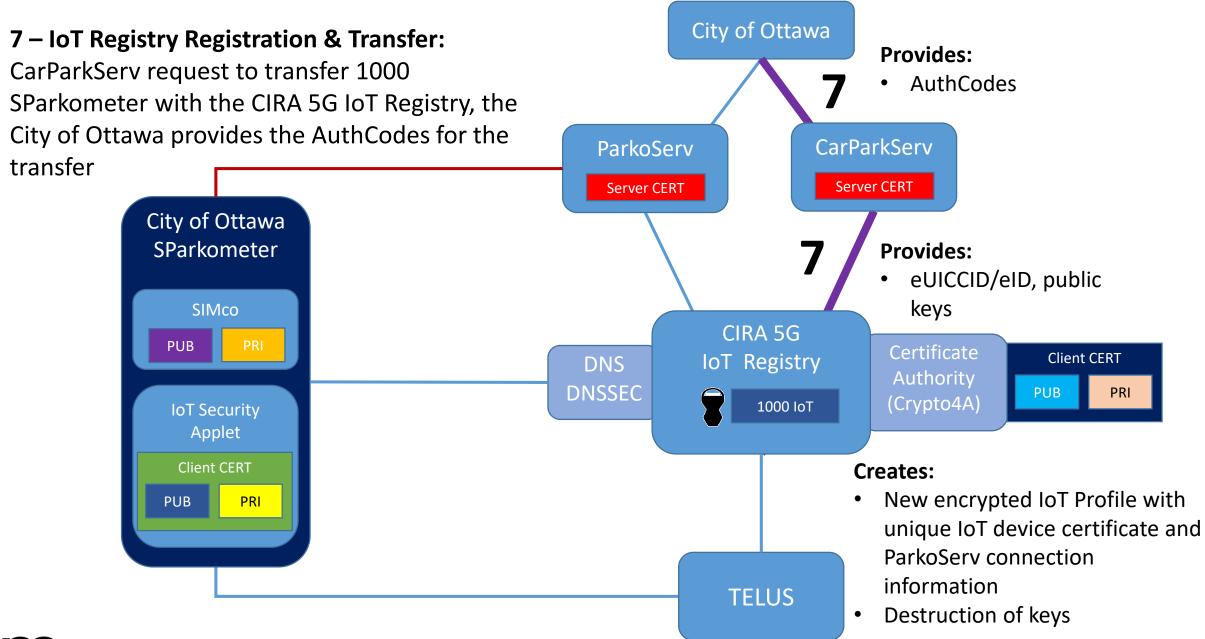








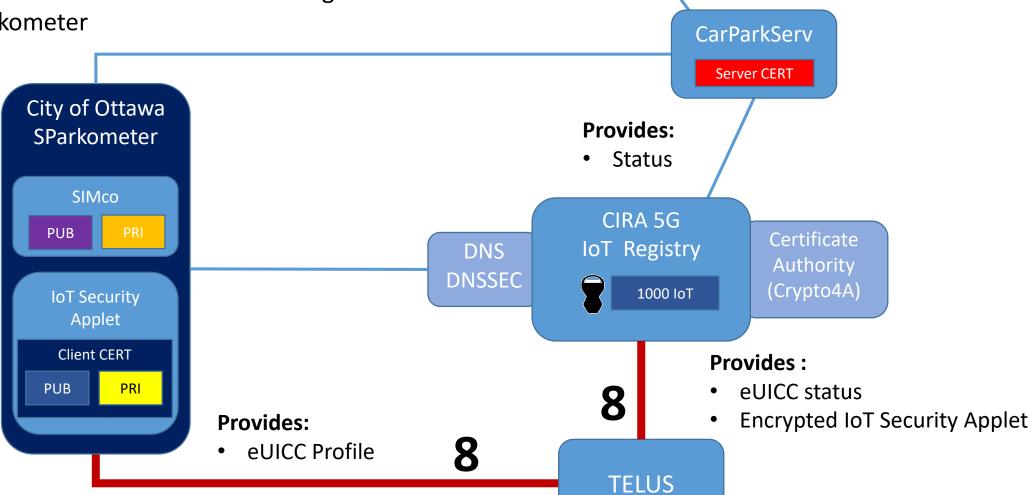






8 – IoT Device Provisioning:

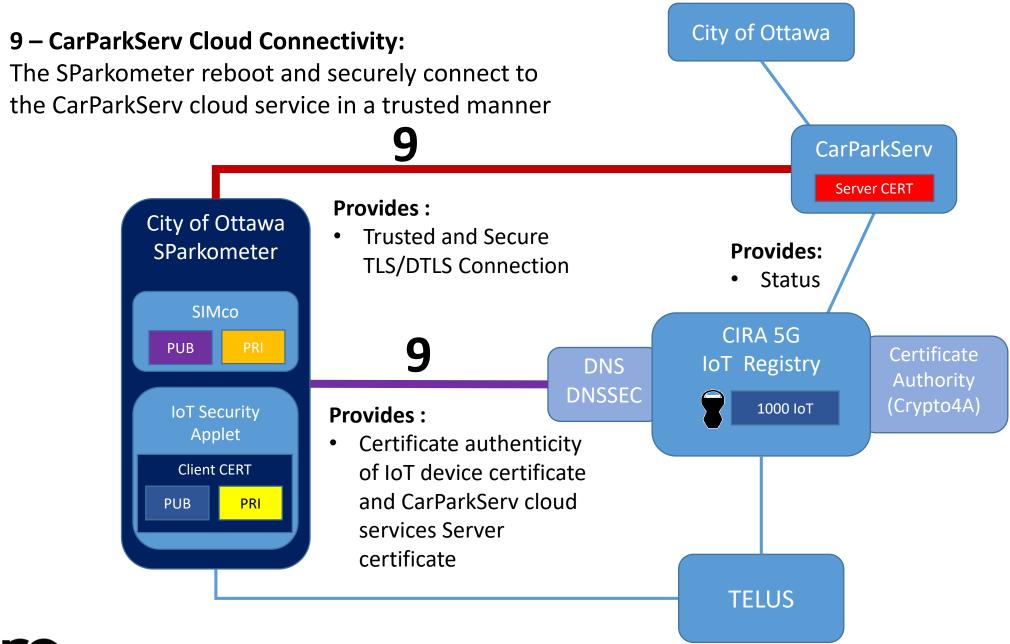
IoT Registry provides TELUS with the new encrypted IoT Profile to each of the CarParkServ registered 1000 SParkometer



City of Ottawa



Secure transmission of IoT
 Profile (IoT Security Applet containing Client Cert + info)



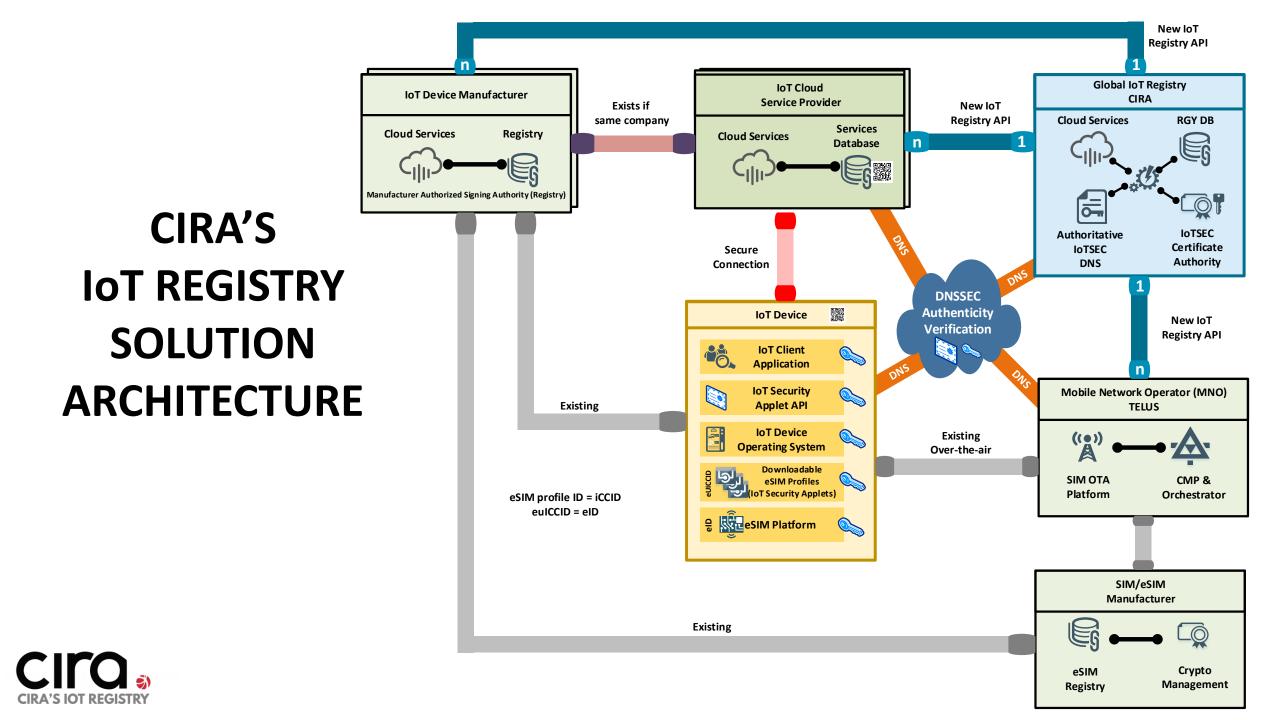


AND VOILA, WITH ZERO
TOUCH, THE CITY OF
OTTAWA HAS CHANGED
CLOUD SERVICE PROVIDER
SEAMLESSLY FOR A 1000
SMART PARKING METERS

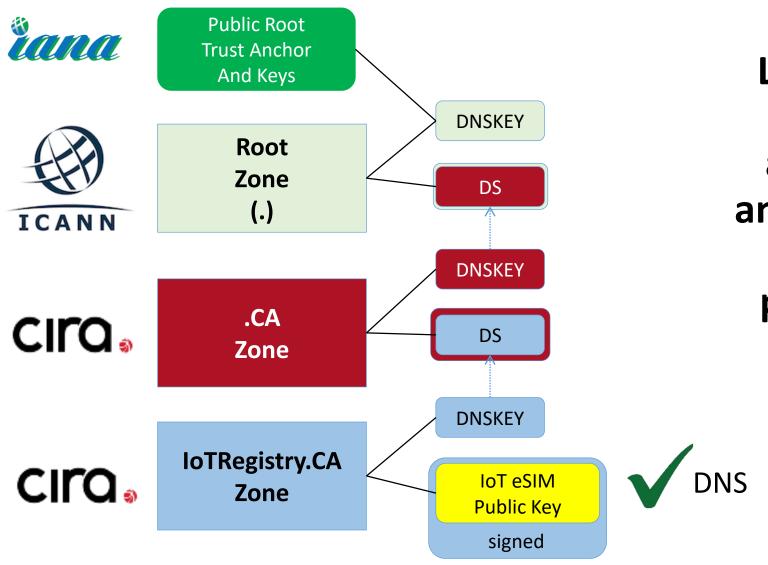








A NEW ROOT OF TRUST - DNSSEC



Leveraging the public DNS to validate the authenticity of eSIM and IoT security applets and cloud service providers public keys



SECULIARISM



