IOT interoperability using web technologies: lessons learned and future challenges



nquiringminds





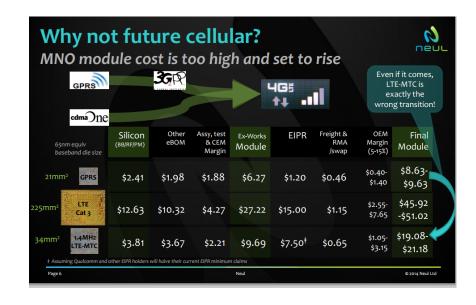


Sorry NO INTERNET Today

There is no I in IOT

Radio Technology

Cost



Range vs Power







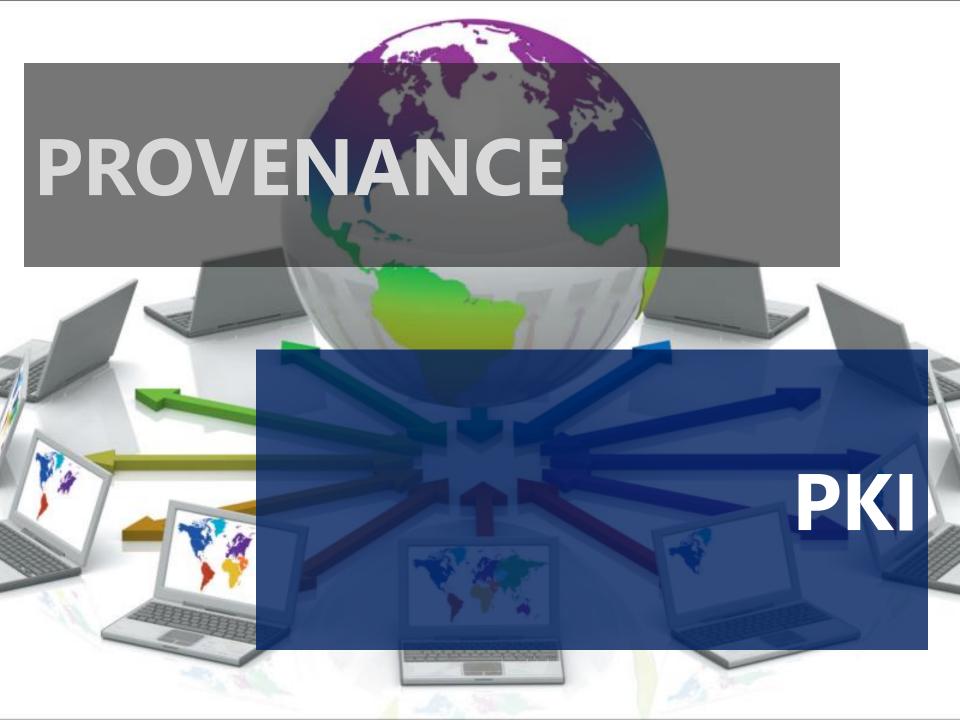
IP is unnecessary expense





























GLOBAL PROTECTION

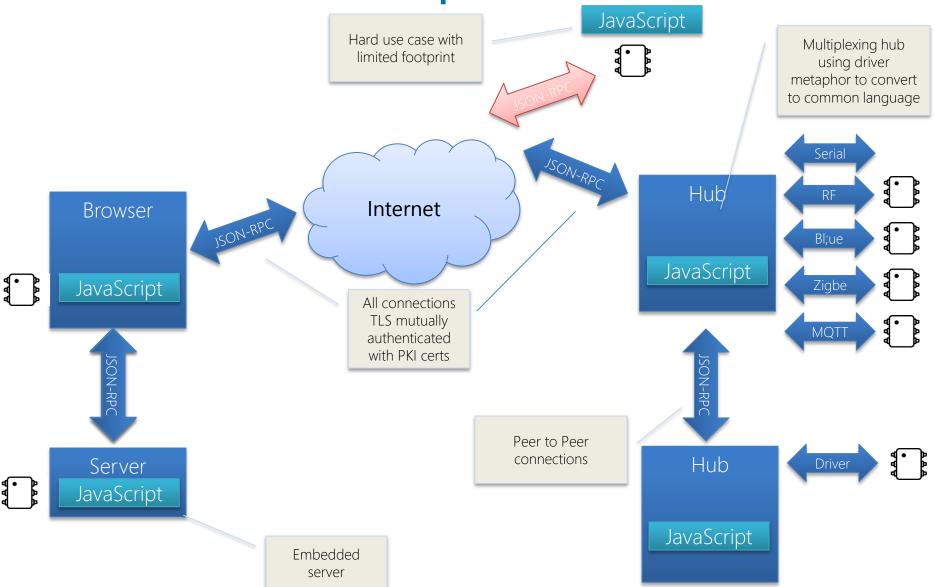
POLICY SYNC





WOT is the scope?







- Technology whitepaper
 - www.webinos.org

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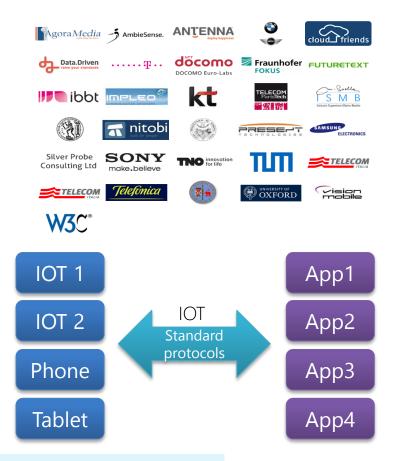
Background

Swebinosfoundation



- IOT Device interoperability
- Locally: IOT devices work with phones, tablets, PCs
- Remotely: many applications can make use of the same device (and data on that device)
- M2M vs IOT





Delivers the vision of devices working with each other.

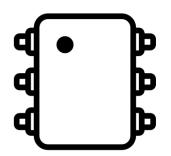
Wide application interoperability











Open Source Ecosystem

Devices Ported



















Identity Address Routing

IPv4/v6 – IP address
MSISDN
DNS
URI (+PKI)





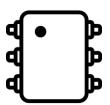






An Open and Secure End2End IOT platform





Open source IOT platform. Open ecosystem, cheap device development



Cloud asset management platform. Control of cloud agents and processing resources



Multi device application development platform. Bring IOT data to life