



# OIC Introduction

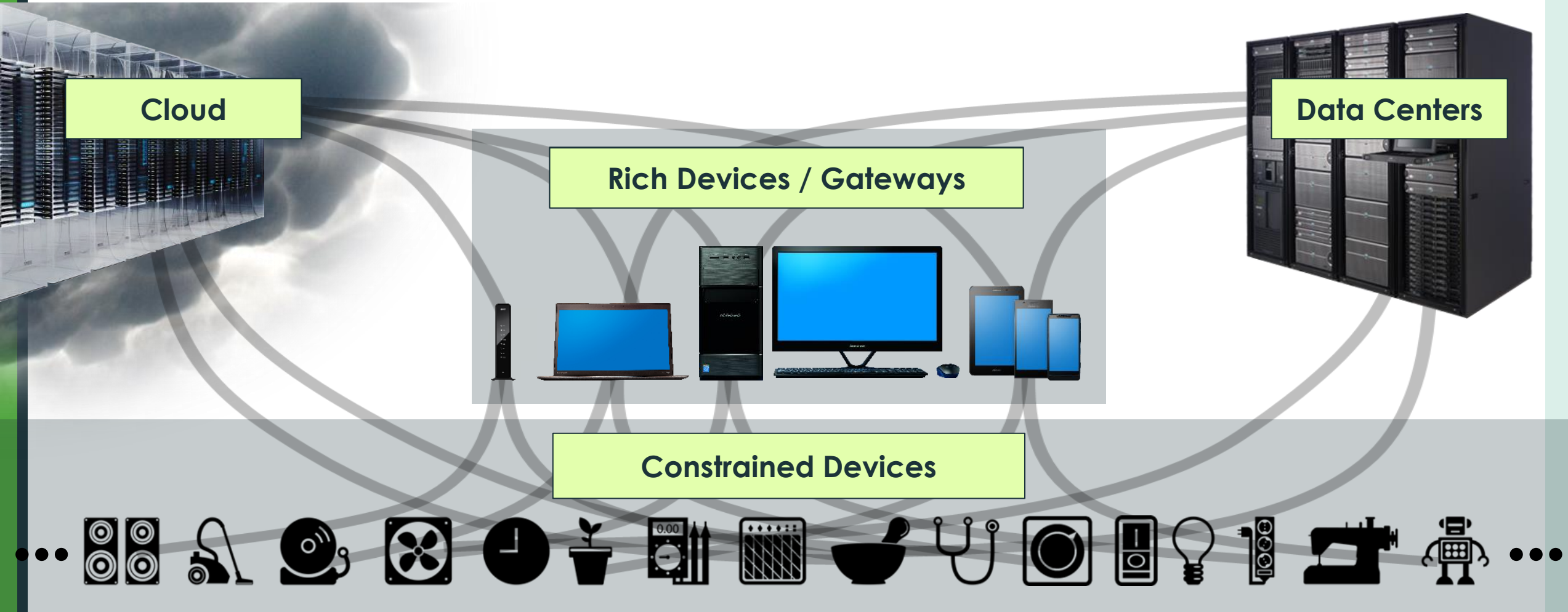
David McCall

Chair – OIC Liaison Task Group

Senior Strategic Planner – Intel Corporation



# The Internet of Things





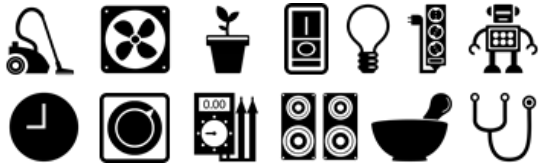
# IoT Evolution



**Cloud / Data Centres**



**Rich Devices / Gateways**



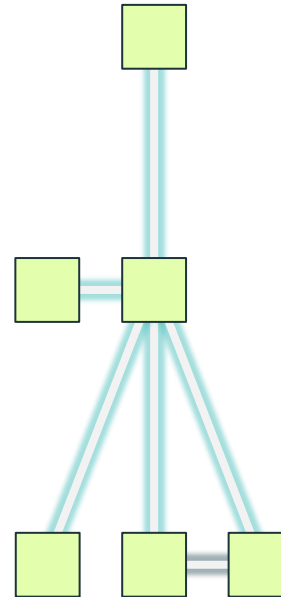
**Constrained Devices**



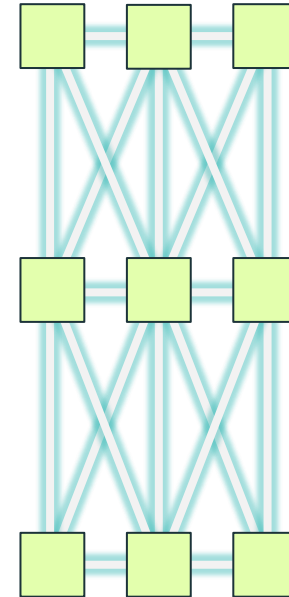
**Isolated**



**Aggregated**

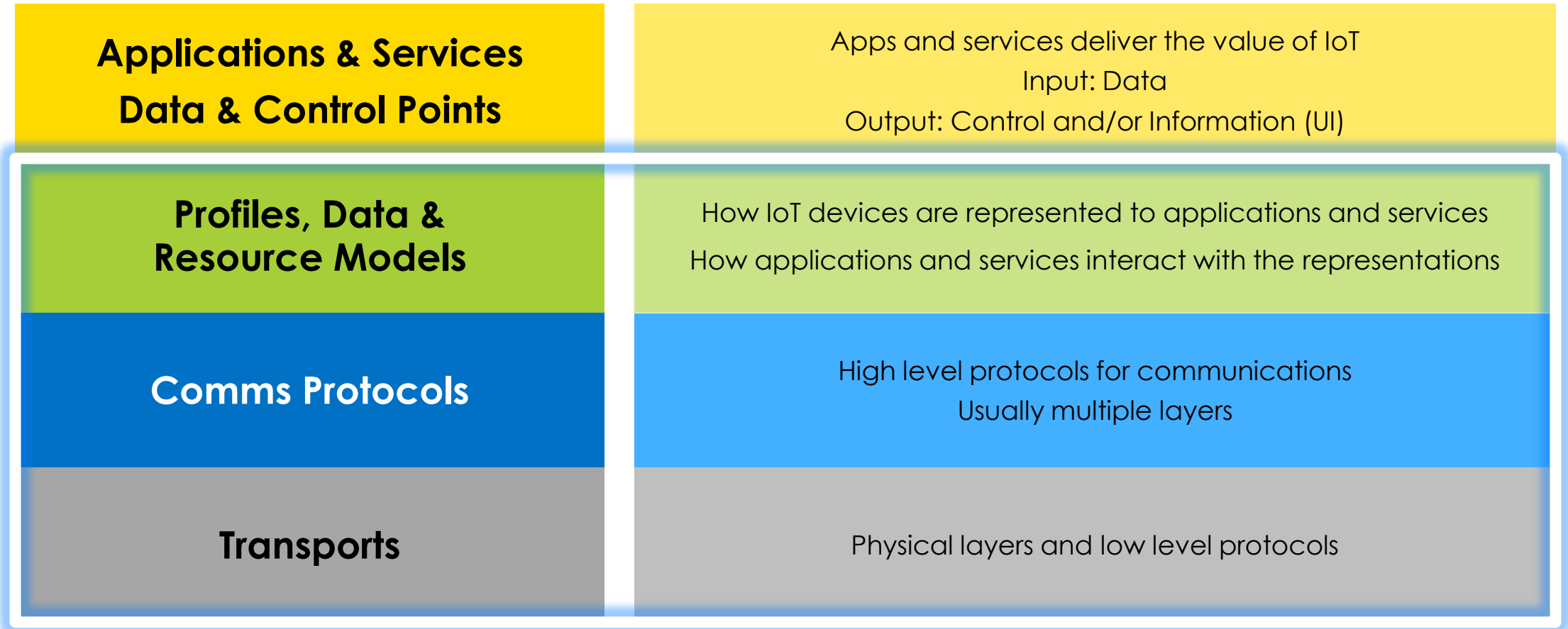


**Cloud Native**





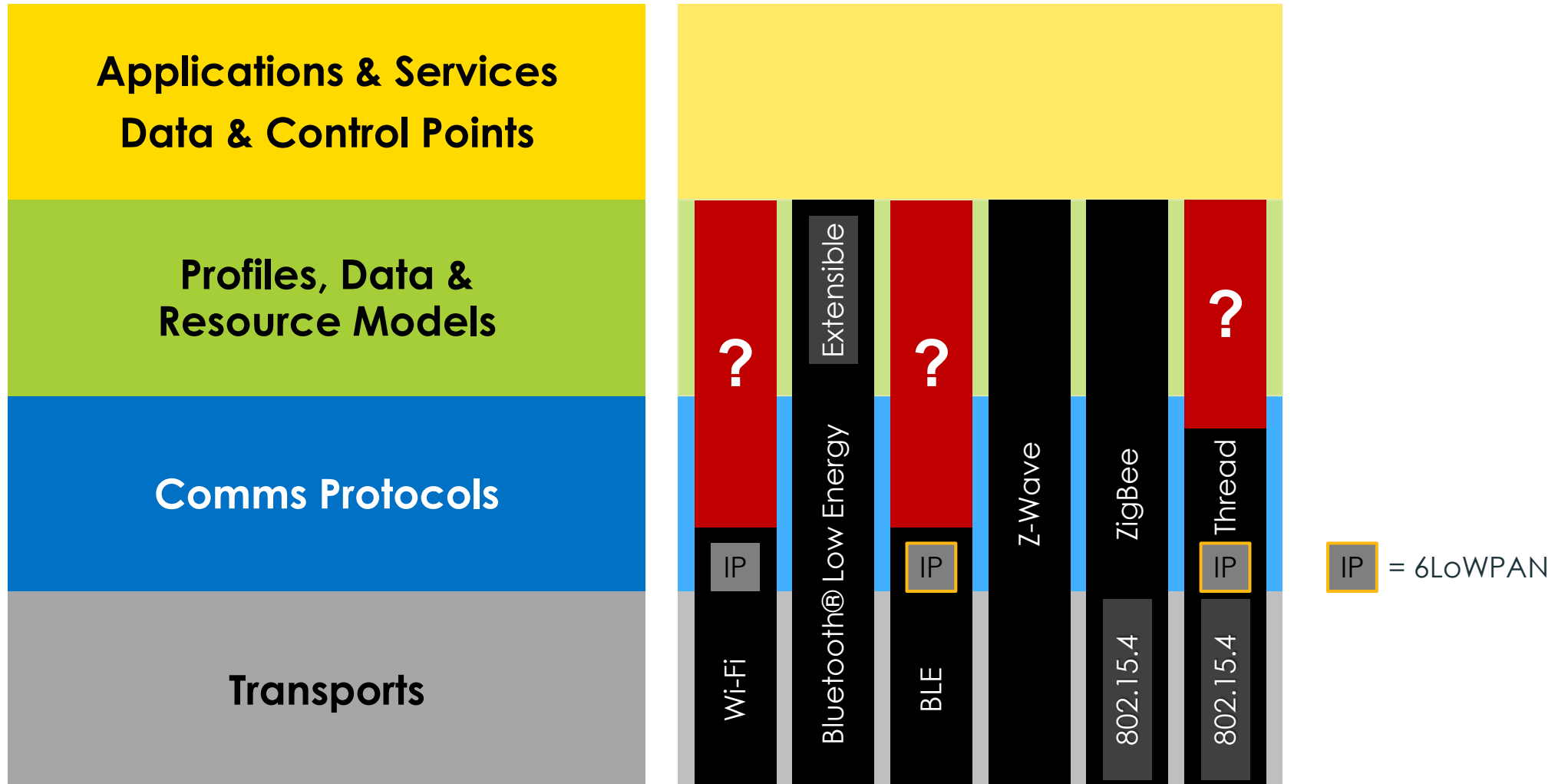
# IoT Standards



**Standards usually apply within these layers**

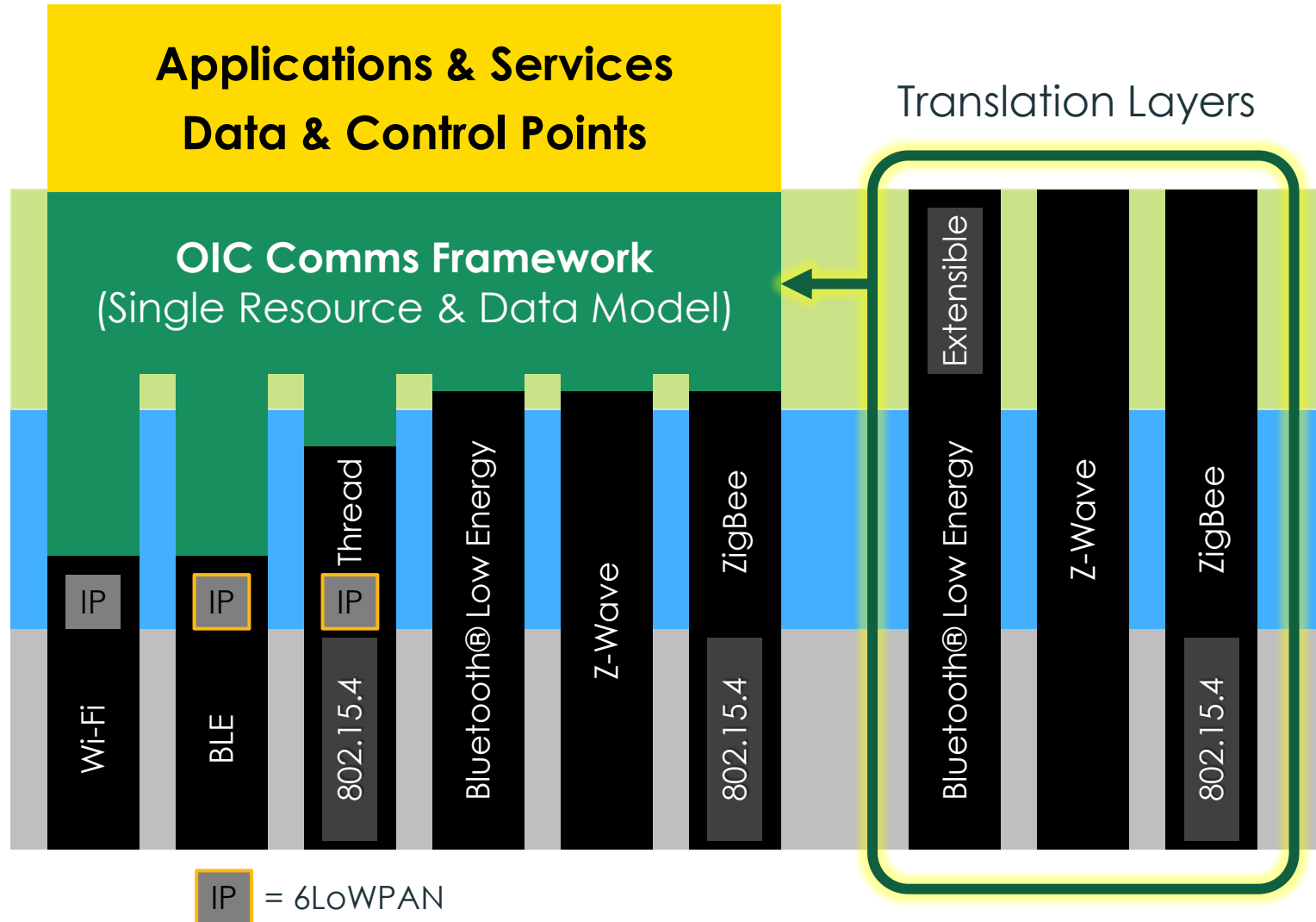


# Radio-Based Standards



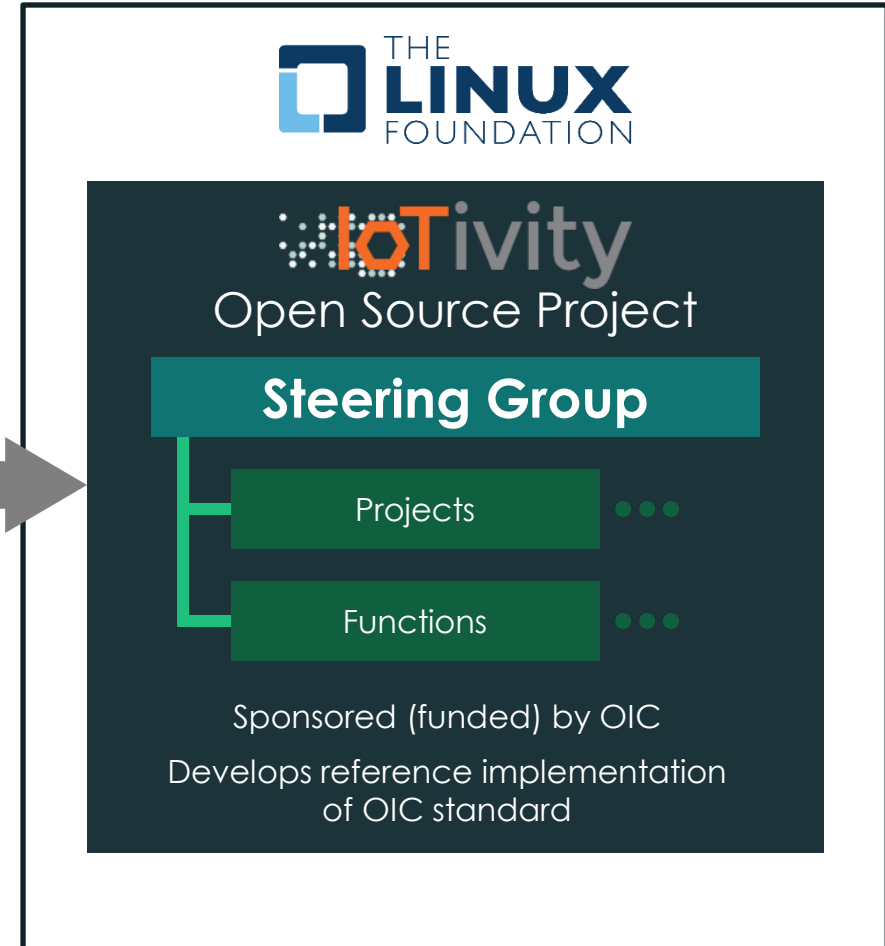
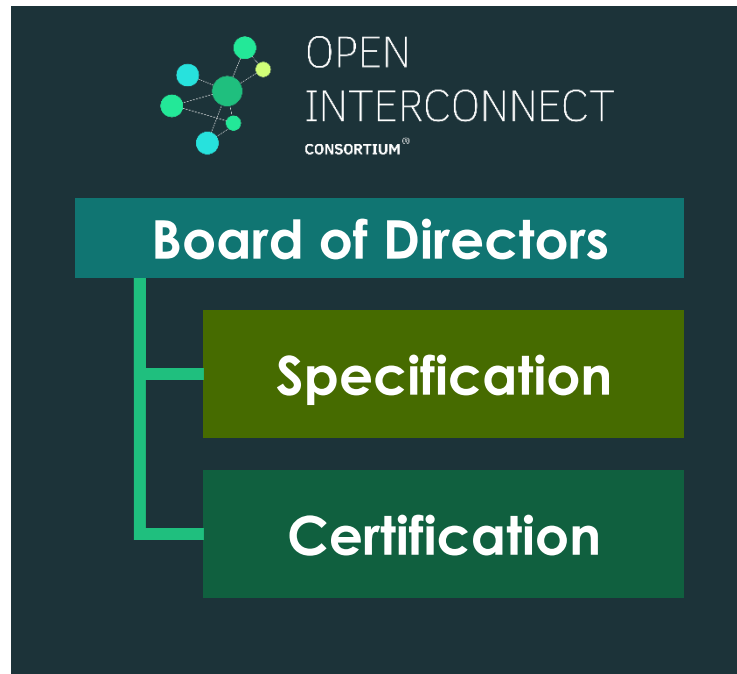


# OIC Comms Framework





# OIC – Built for Success





# OIC – The Right IPR Policy



OPEN  
INTERCONNECT  
CONSORTIUM®

## RAND-Z

Incoming:

All members license their claims to IP  
essential to implementing the specification

Outgoing:

Compliant portion of certified products



Open Source Project

## Apache v2.0

Incoming:

Companies license their patent claims  
covering their code

Outgoing:

All users (unless they sue another user for  
patent infringement via IoTivity code)

Both licenses bind corporate affiliates.





# OIC – Where are We?



OPEN  
INTERCONNECT  
CONSORTIUM®

**Specs Available**

[www.openinterconnect.org](http://www.openinterconnect.org)

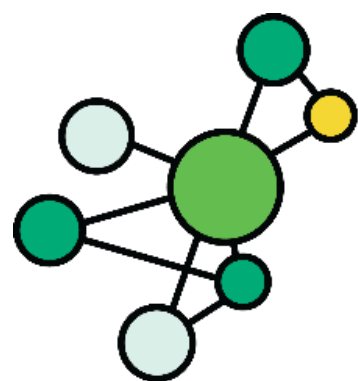


Open Source Project

**Code Available**

[www.iotivity.org](http://www.iotivity.org)

Certified devices available by end of this year



OPEN  
INTERCONNECT  
CONSORTIUM<sup>SM</sup>