



OPEN
INTERCONNECT
CONSORTIUM

Open Interconnect Consortium:

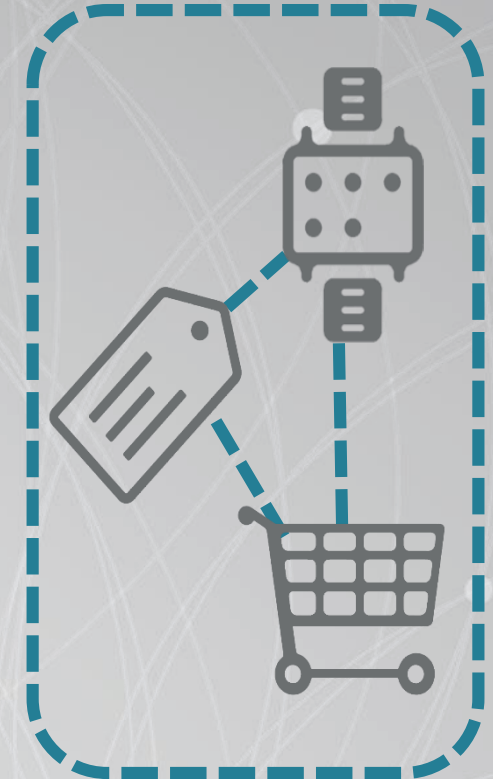
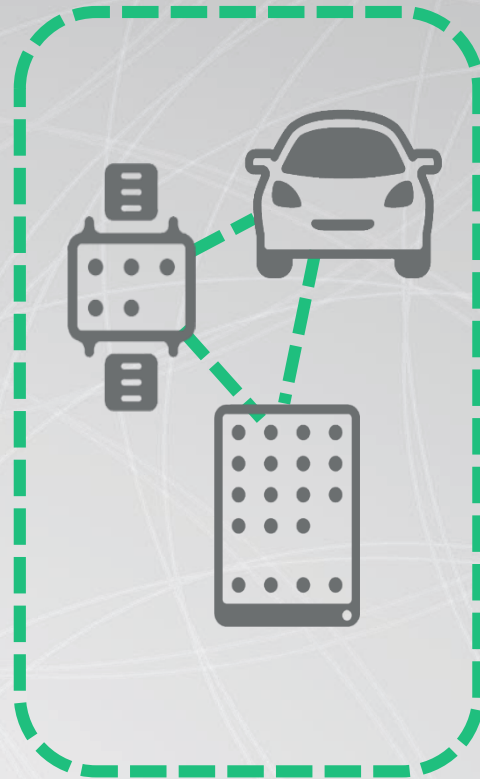
An overview to connecting devices everywhere

• The Challenges of IoT Communications

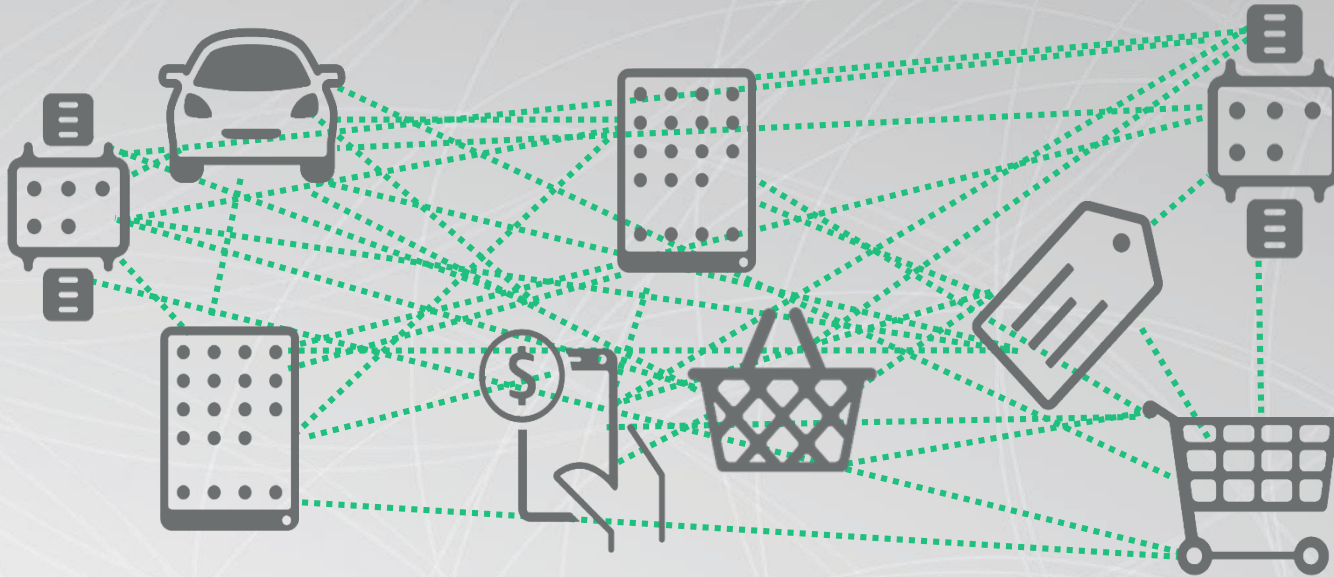
Market: The opportunity of the Internet of Things can't be realized with devices communicating in "isolated islands" or "walled gardens."

Users: Users refuse to buy all their devices from one manufacturer, operating system, hardware, etc. and require a common connectivity method.

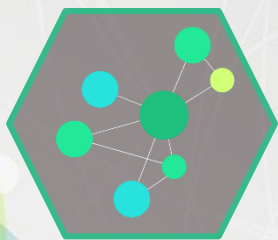
Manufacturers: Device manufacturers require a standard that addresses interconnectivity and security to maximize their products' market potential.



Addressing the Challenge of Communications



OIC is breaking the barriers and enabling devices to connect securely and interoperate - regardless of vendor, OS, hardware, or market.



Standards



Open Source Project



Certification

= Interoperability

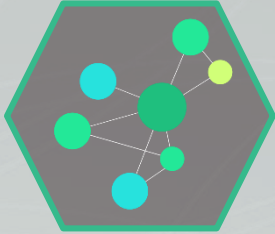


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The Strategy for Building Device Interoperability

IoT Device Interoperability

Specification



- Broad spectrum of industry leaders providing guidance
- Common communications protocols, approaches for security and identity, and service-level protocols, object models & developer APIs
- Open specification that anyone can implement

Open Source Project



- Provides a fast path to market for developers and manufacturers
- Open source development promotes faster innovation via community driven development
- Connectivity framework that abstracts complexity

Certification



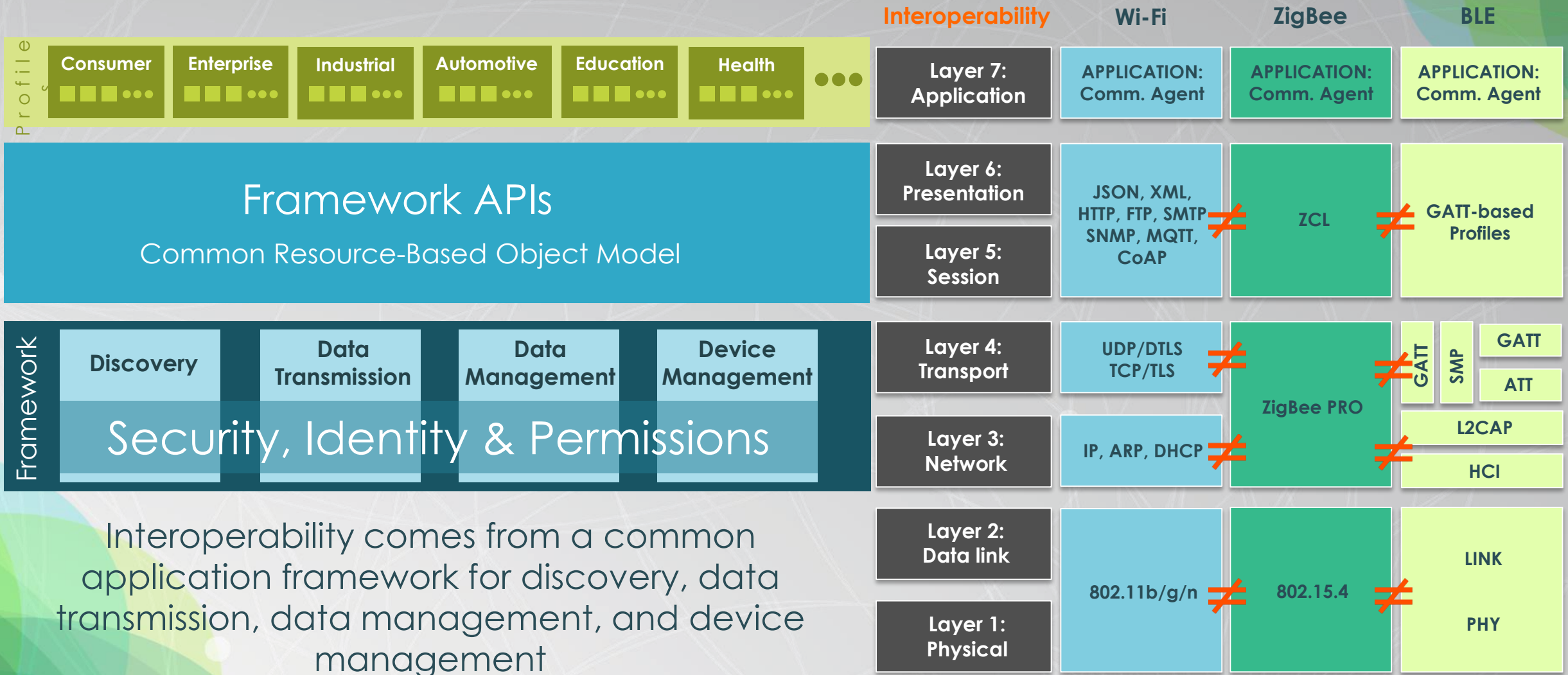
- IP protection & branding for certified devices
- Certification = a device implementation as defined in the specification and released into the open source

OIC is a global alliance to deliver "just-works" interoperability for developers, manufactures and end-users through a specification and an open source project.



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IoTivity Architecture



Interoperability comes from a common application framework for discovery, data transmission, data management, and device management

Sample of Current Members

Diamond



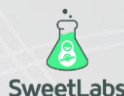
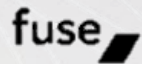
Platinum



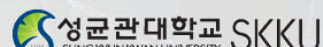
Gold



The Leader In Undetectable Wireless Communication



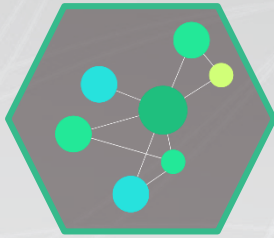
Nonprofit



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Participate!

Become A Member!



Membership includes:

Gold Membership and above:

- Certify spec compliant apps and devices
- Use OIC branding
- Benefit from patent cross-licensing protection
- Provide input in the standard development

Platinum and above:

- Participate in working groups

Diamond and above:

- One director appointed to the board

<http://openinterconnect.org/join/>

Join the Open Source Project



- Download the code and get started
- Code is available under the Apache v2.0 license
- Contribute code!

<http://www.IoTivity.org>

Get Educated on the Standard



- Go to the website to find out more and sign up to get updates
<http://openinterconnect.org/newsletter/>

<http://www.openinterconnect.org>

Device interoperability will change IoT as we know it today!



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