

Welcome to IoTivity Developer Day

Introduction:

Mark Skarpness, Intel VP & Director
Embedded Operating Systems

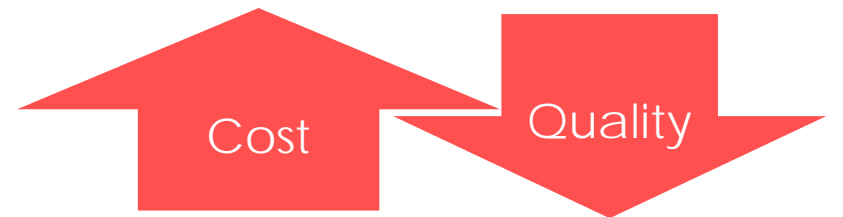
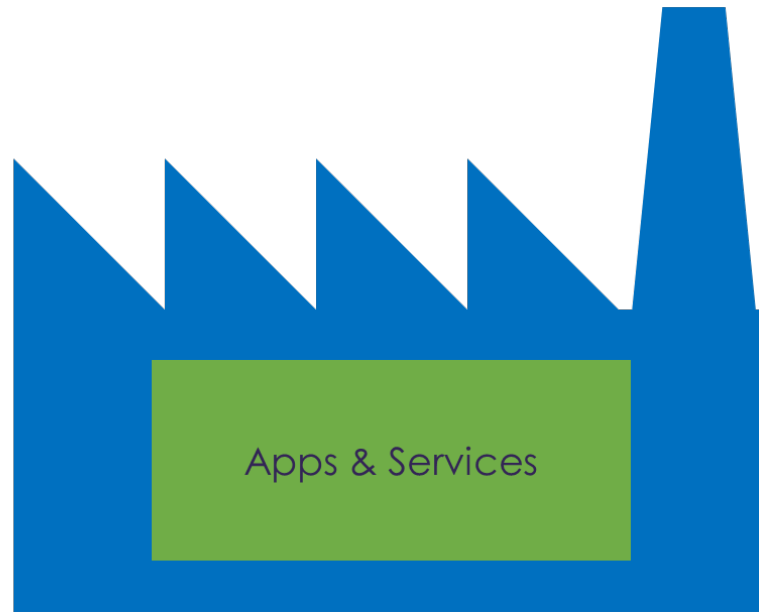


IoT Challenges

IoT APIs are rarely re-used
They are brand-unique

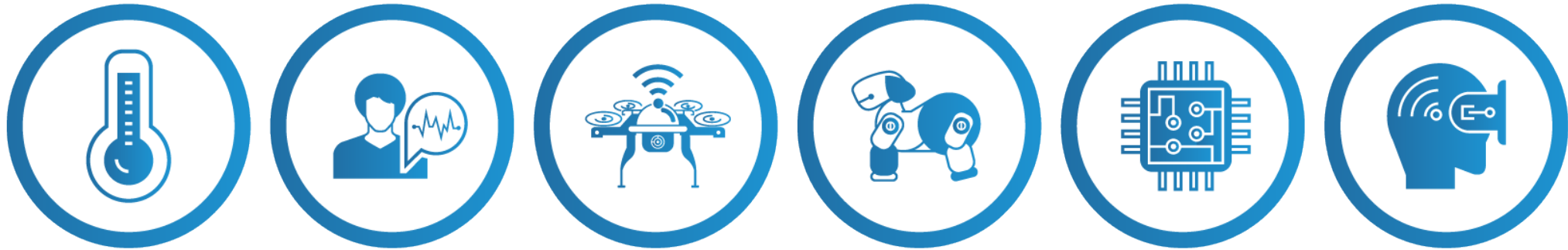


Communication methods
are individually developed



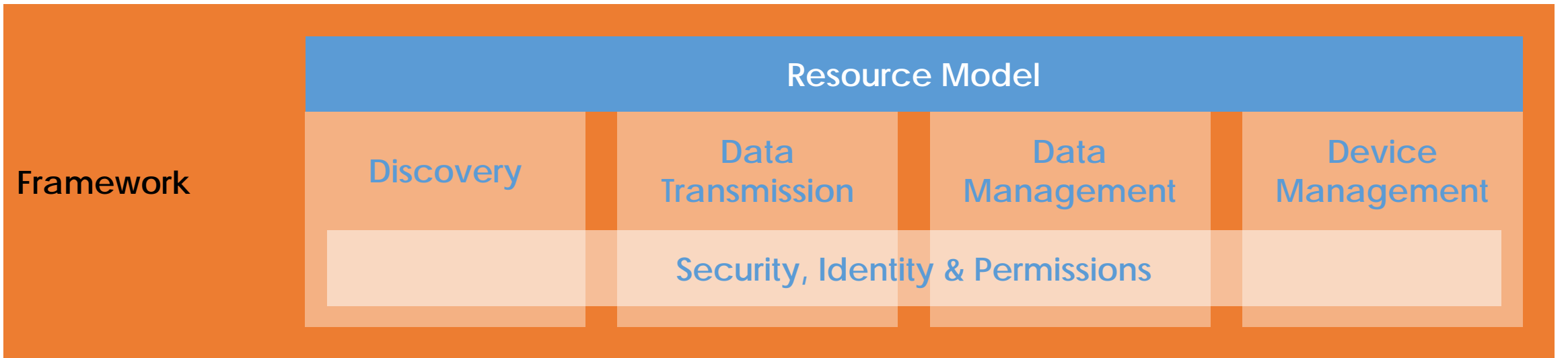
The Goal of OCF + IoTivity

Compatible communication across verticals
spanning simple & sophisticated devices



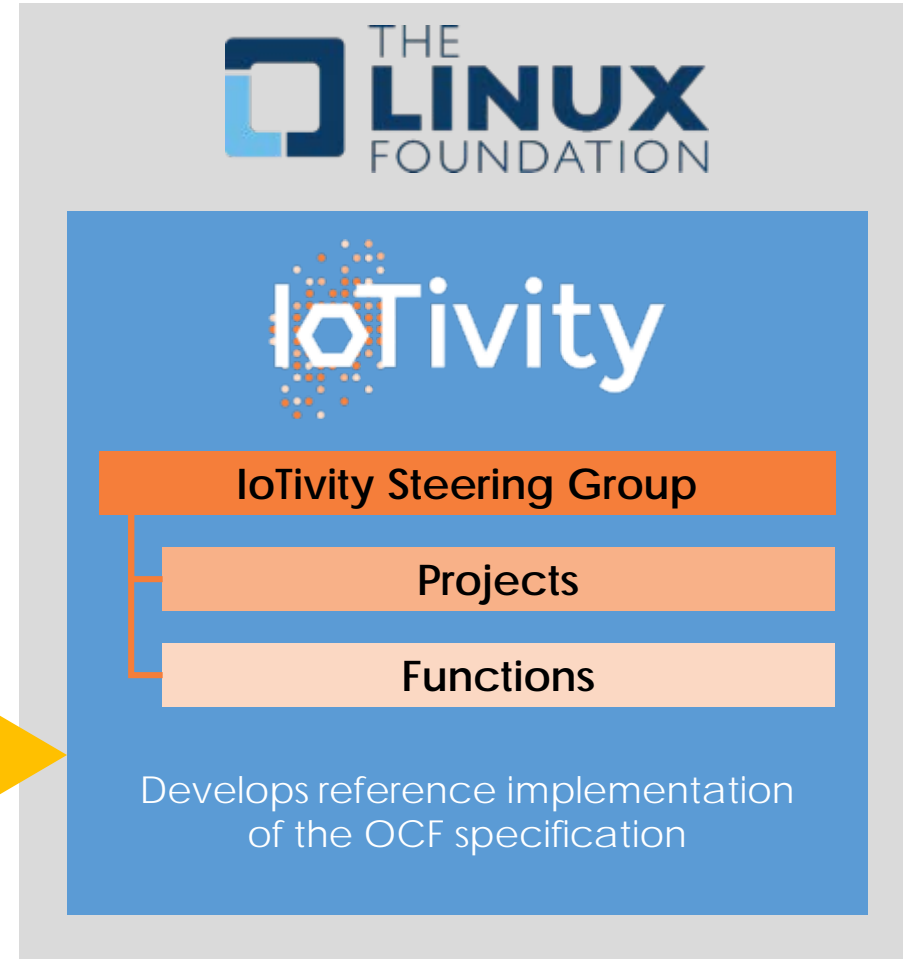
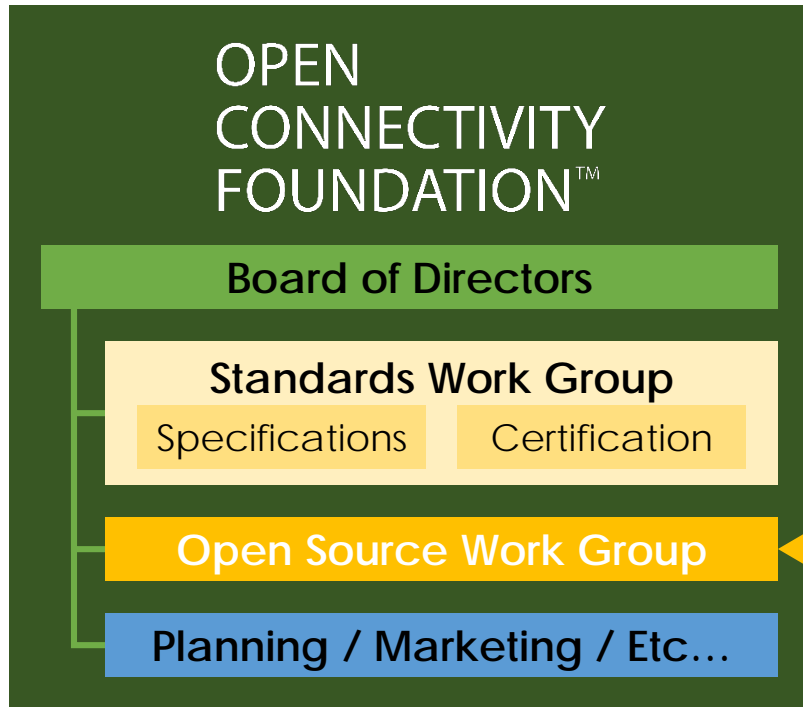
Designed with **Security** from the beginning

Diverse Verticals & Transports



OCF Sponsors IoTivity Project

OCF at 175 Members and Growing



IP coverage among members on entire spec for certified product, regardless of contribution

No need to be an OCF member to use or participate- standard Apache 2.0 contribution-based patent grant

OCF in Recent News

PC World Feb 19, 2016 - **Another IoT group?** OCF may really be the one to make it all work... the Open Connectivity Foundation, could have the critical mass to make all embedded devices in homes and enterprises talk to each other.

Forbes.com Feb 19, 2016 - Chip making rivals Intel and Qualcomm want to finally play nice in the "Internet of Things." For the past few years, the two companies have led separate and competing standards groups around the growing billions... of connected light bulbs, thermostats, cars and more. Now the two will begin collaborating with each other under OIC's new name: the Open Connectivity Foundation (OCF).

FierceWireless.com Feb 19, 2016 - There's a new Internet of Things group today – the Open Connectivity Foundation (OCF), but it's designed to unify the industry, not add to the fragmentation, and instead of pitting Intel and Qualcomm against one another, they're joining forces

Current Status

- OIC specification 1.0 released (2015)
- IoTivity version 1.0 released (2015)
- First products shown at CES 2016



- Protocol Plug-Ins for Legacy IoT (non-Native OCF Devices)
 - Developed and in IoTivity: Philips Hue*, ZigBee**
 - Developed awaiting inclusion: LIFX*, Nest*, Honeywell Lyric*
 - On Roadmap: AllSeen*, UPnP*

*Trademarks and Brands are the property of their respective owners

**ZigBee Home Automation 1.1 Certified devices are able to be connected via OCF

Agenda for the Day

OCF Presents: IoTivity Developer Day

9:00am – 10:00am	Registration and Networking Hour
10:00am – 10:20am	Opening Welcome and Keynote
10:20am – 11:00am	OCF Fundamentals
11:00am – 11:15am	<i>*AM Break</i>
11:15am – 12:00pm	IoTivity's Architecture
12:00pm – 1:30pm	<i>*Lunch</i>
1:30pm – 3:00pm	Hands-on 101
3:00pm – 3:15pm	<i>*PM Break</i>
3:15pm – 4:45pm	IoTivity and Further Capabilities
4:45pm – 5:00pm	Closing

Developer Call To Action

- OIC 1.0 and IoTivity 1.0 are ready for products today
- We are actively working towards 2.0 – now is the time to influence the next generation
 - Participate in developing the reference implementation – via IoTivity (<https://www.iotivity.org/get-involved>)
 - Participate in creating the specification and certification program – via OCF (<http://openconnectivity.org/join>)
 - Participate in developing the OCF data models - using the oneIoTa tool (<https://www.oneiota.org>)

Thank You for Coming

- We hope your IoTivity Developer Day is worthwhile

