



THE OPEN RETAIL INITIATIVE

Partner Roadshow | London

March 26, 2019

Agenda

- Welcome
- Introductions and Lunch
- The Reality Discussion and Why this Initiative
- How We Make An Impact
- Next Steps

How do I keep my stores relevant?

Pillars of experiential retail:



**IMMERSIVE AND
ENGAGING**



**CURATED AND
STOCKED**



**CONVENIENT AND
FRICTIONLESS**



**TIMELY AND
INSIGHTFUL SERVICE**

Modern retailing

Retailers are looking to leverage technologies such as artificial intelligence to improve the experience with data.



The Reality



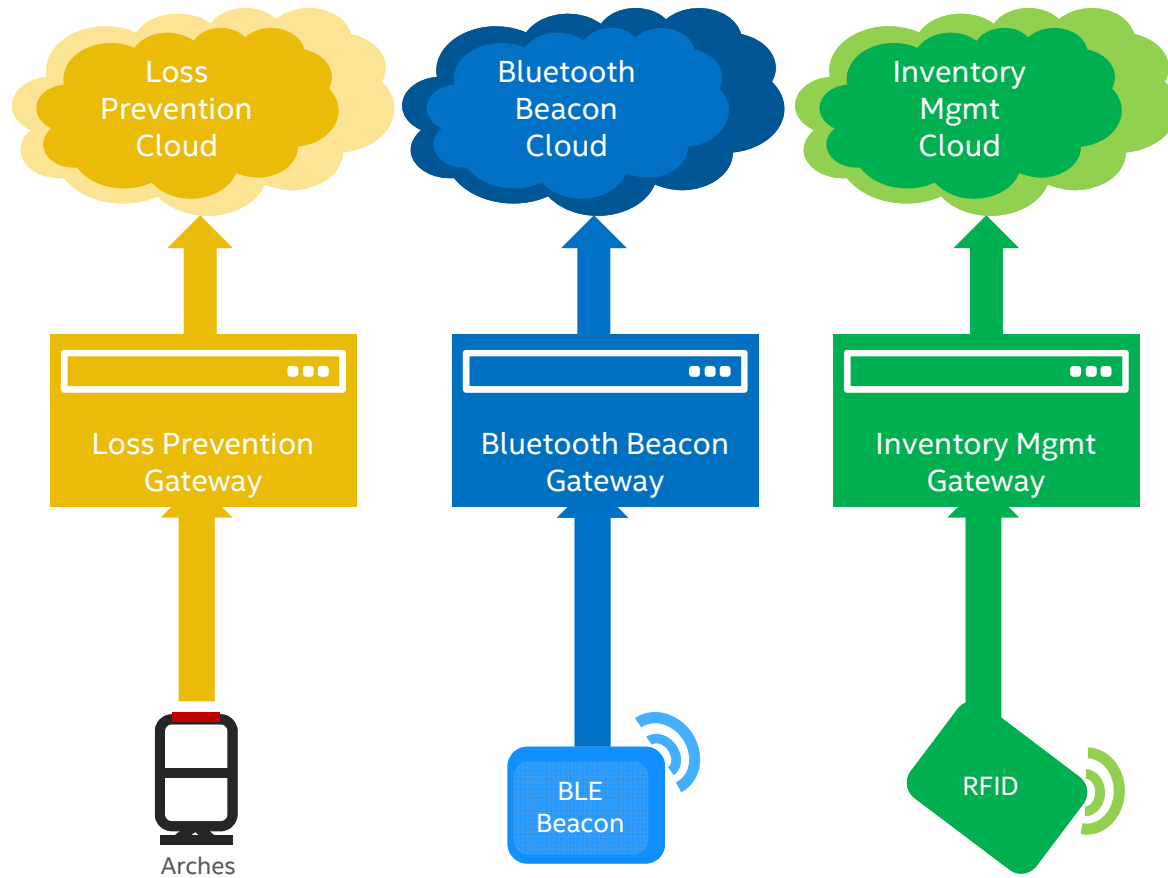
Why the Open Retail Initiative?

The IoT Challenge:

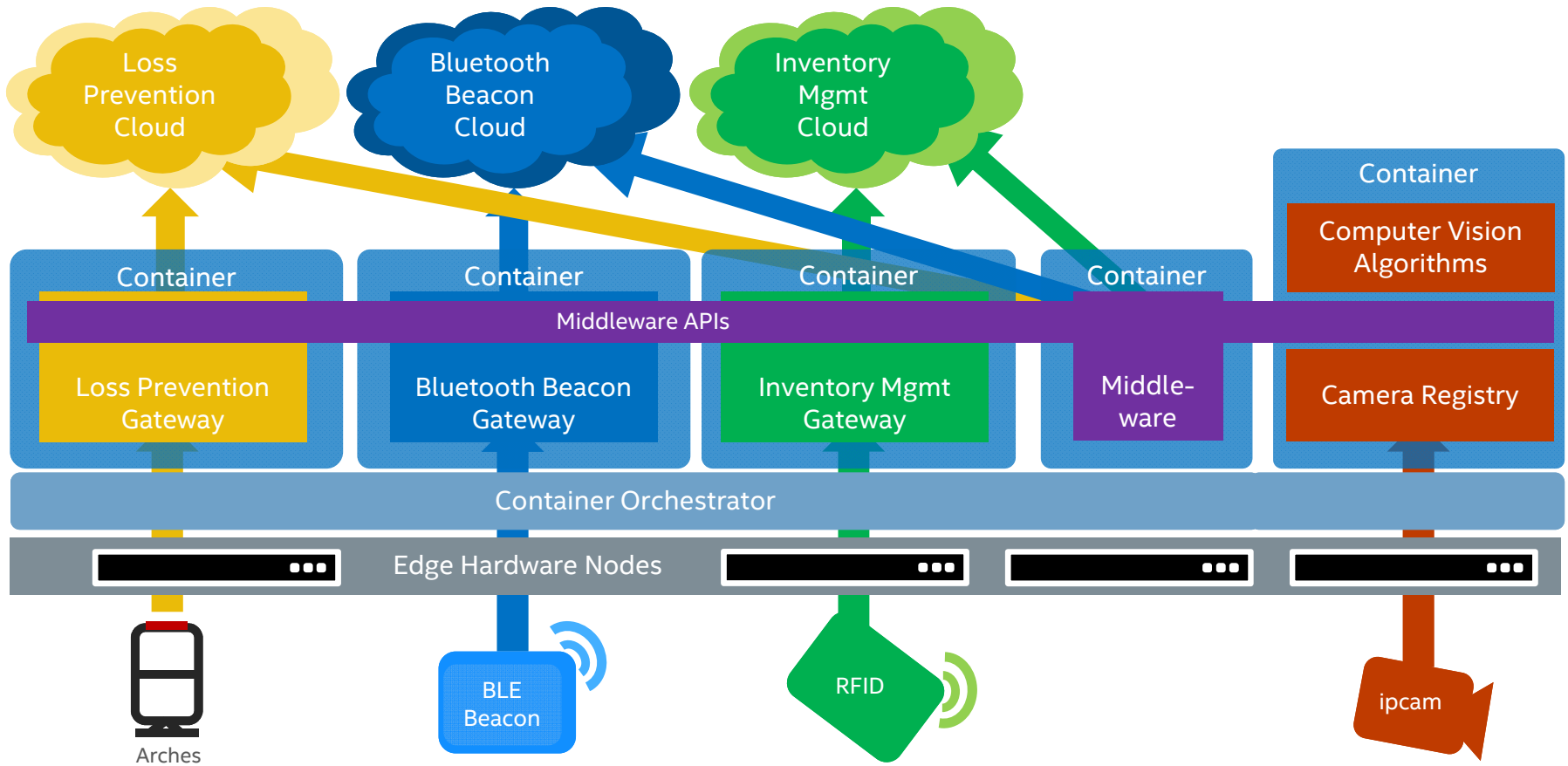
The framework for our work is focused on three challenges that focus on specific components of technology.



The Store Room Closet

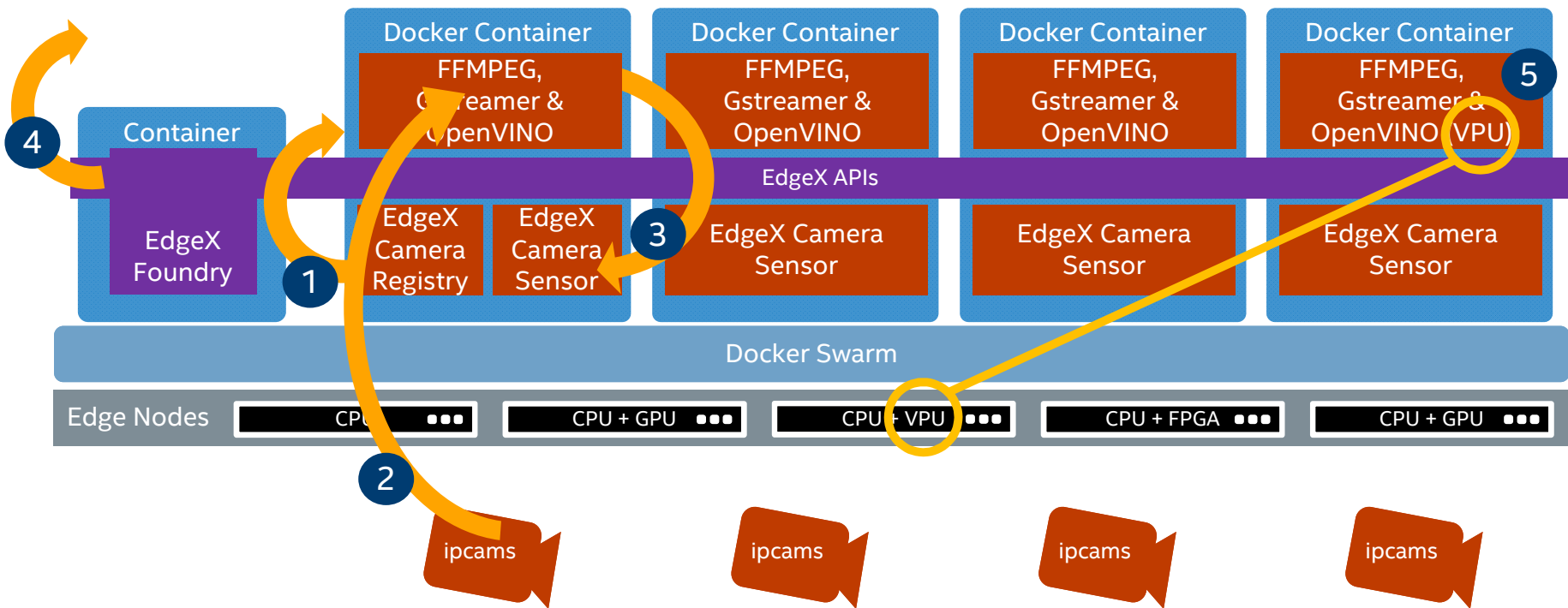


Integrate, Simplify and Innovate

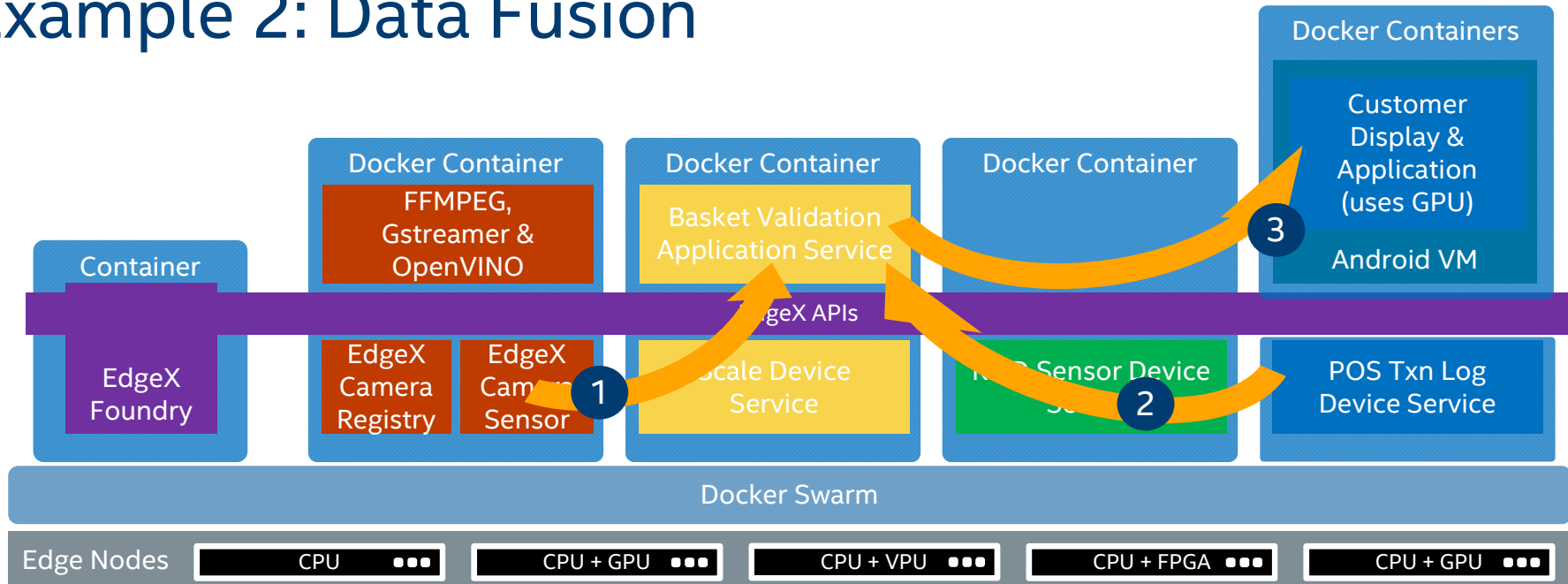


Example 1: Computer Vision

- 1 Gstreamer pipelines are spun up based on camera tags
- 2 IP cameras stream data to Gstreamer pipelines
- 3 Inference events are published to EdgeX
- 4 EdgeX makes inference available for apps and export
- 5 Containers utilize accelerators when available



Example 2: Data Fusion

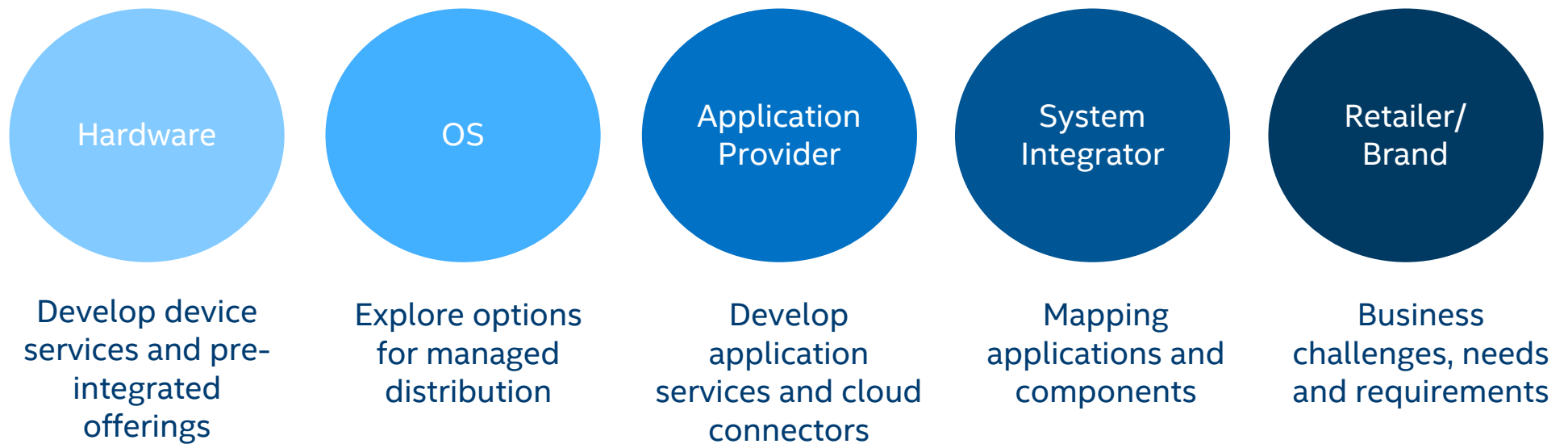


- 1 Cameras are used as virtual sensors in the experience
- 2 Sensors such as scales and scanners feed the basket validation algorithms
- 3 Data from separate sources, separate vendors, are utilized to guide the customer experience

Why EdgeX Foundry?

- **Truly open, full transparency**
- **Long-term durability** to address scale and growth needs
- **EdgeX Foundry momentum continues** for IoT interoperability across multiple industries
- **Linux Foundation mindshare and infrastructure** – largest and most pervasive open source software project
- **Marathon vs. Short Sprint** – learn, leverage and lead

Everyone in the Ecosystem is Valuable



How We Make An Impact

Commit to the initiative

- Join and follow the progress
- Promote to your networks

Collaborate on the Commerce Project

- Attend Commerce Project meetings
- Collaborate on project deliverables
- Promote to your networks

1. Code for the greater good
2. Use cases, components (and code)

Contribute to EdgeX Foundry

- Become an EdgeX Foundry member and vote to shape standards
- On behalf of your company, contribute code and/or developer resources
- Promote to your networks

1. Code for the greater good
2. Use cases, components (and code)
3. Influence industry standards aligned to EdgeX

Reference Ready Kits (RRK) and Market Ready Solutions (MRS)

Next Steps for the Commerce Project

- 1) Sign up for a free Linux Foundation account
 - Create an account at the Linux Foundation
- 2) Subscribe to the Commerce Project mailing list
 - Enroll for the mailing list and calendar subscriptions
- 3) Join the conversation

We'll send a follow up email with instructions and links for the above actions

Thank you!