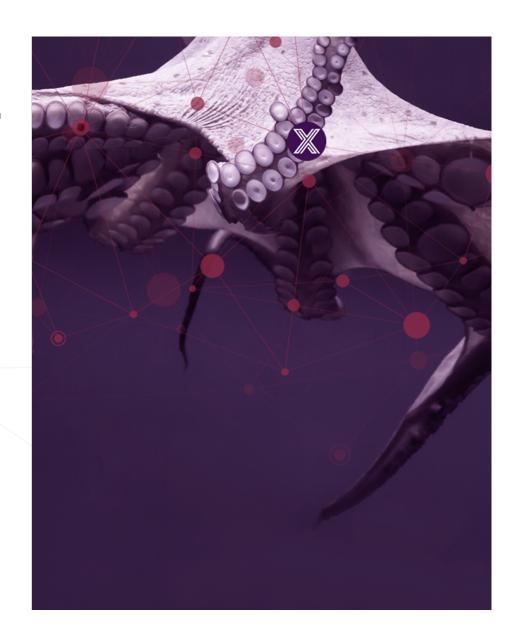# EDGEXFOUNDRY™

Commerce Project Meeting

March 5th, 2019

Rough Agenda

1. Roll Call and Opens
2. Review previous Opens
3. Mailing List Usage
4. Call for guest speakers
5. Use case prioritization (for team review in future calls)
6. Discuss value chain investigation, call for volunteers
7. Preview of next meeting agendas
8. Review results of calendar poll, and decide on future meeting days/times

Previous Opens

- Previous Slides and Recordings have been posted to the Wiki:
    - https://wiki.edgexfoundry.org/display/FA/Commerce+Project
- Competitive landscape slide is the next slide
- Connection with NRF / ARTS
    - https://nrf.com/retail-technology-standards
    - Have not reached out yet – any personal contacts?

EdgeX Open Source Competition

Other open source projects are either too cloud-centric or aren't architected to foster a distributed computing ecosystem. Kura is the most mature alternative to EdgeX but is lacking with it's rigid architecture, lack of an interoperability API and no path to certification program. Edge components of commercial offerings are not only immature but also create a lock-in to their cloud applications. EdgeX is architected to enable an open and highly flexible bridge between any connectivity standard and any edge or cloud application.
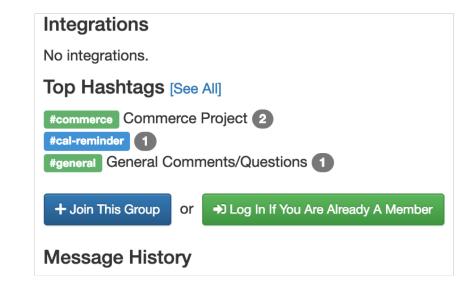
	EdgeX Foundry	FogLamp	Kura	OpenHAB	Thingsboard.io
No vendor lock-in	🟢	🟢	🟢	🟢	🟢
Vendor-neutral governance (e.g. TSC)	🟢	🔴	🟡	🔴	🔴
Formalized interoperability APIs	🟢	🟡	🔴	🔴	🔴
HW and OS-agnostic	🟢	🟢	🟢	🟢	🟡
Microservice architecture	🟢	🟢	🔴	🔴	🔴
Loosely-coupled	🟢	🟢	🔴	🔴	🔴
Polyglot (any coding language)	🟢	🟢	🔴	🔴	🔴
Full edge GW reference platform	🟢	🔴	🟡	🔴	🔴
Extensible	🟢	🟢	🟢	🟢	🟡
Industrial focus	🟢	🟢	🟡	🔴	🔴
Developer community	🟢	🟡	🟢	🟡	🟡
Planned certification program	🟢	🔴	🔴	🔴	🔴
Planned real-time variants	🟢	🟡	🔴	🔴	🔴

EdgeX Foundry Mailing Lists

- Going forward I intend to increasingly use the EdgeX Foundry mailing lists for Commerce Project business

- Mail to: EdgeX-TSC-Vertical-Solutions@lists.edgexfoundry.org
    - Use hashtag #commerce in the subject

- Enroll at: https://lists.edgexfoundry.org/g/EdgeX-TSC-Vertical-Solutions

Integrations

No integrations.

Top Hashtags [See All]

#commerce Commerce Project 2
#cal-reminder 1
#general General Comments/Questions 1

+ Join This Group   or   ➜] Log In If You Are Already A Member

Message History

Guest Speakers

- My intention is to have relatively routine guest speakers from the retail ecosystem to present on a variety of topics
  - Retailer Problems, Gaps, Initiatives, Standards Bodies
- Currently cultivating two speakers
  - IOT platforms for a large big-box retailer
  - Vendor management for a multi-brand retail group
- Others?

Use Case Reviews

- Objective: get dirty in the details of a use case technical review, identifying needs from EdgeX, or from the broader ecosystem
- Open call for use cases to review
- Initial list to seed conversation:
  - Computer Vision – People Counting (driving inventory of ingredients req'd)
  - Basket Validation / Loss Prevention
  - Digital Signage impressions to POS Sales
  - Replacing UPC with RFID EPC (not taking dogfood out of cart)
  - Smart Shelf and Smart Peg – Inventory Optimization
  - Capability: RFID inventory
  - Capability: Digital Surveillance NVR Event Publications
  - Capability: Computer Vision "Virtual Sensors"
  - Capability: Federating EdgeX stacks
  - Capability: Permissions-based data sharing

Value Chain Investigation

- Objective is to explore and outline the value chain(s) that gets EdgeX into a top retailer
  - From OEM to disti, from ISV to SI, from operations to IT
  - Output: a short slide presentation documenting the players and the information flow, including support needs, for integrating and deploying EdgeX into retail

  - Seeking owners to drive this preparation and output

Next Meeting Agendas

- Primary Topics:
    - Walk through a simple use case for educational purposes
    - EdgeX state of the union, and 6 month lookahead
    - Review computer vision submission from Intel

Meeting times

- EdgeX Calendar: https://www.edgexfoundry.org/calendar/
- Mornings https://doodle.com/poll/gptd33cqhh55ipm6
- Afternoons https://doodle.com/poll/ngtzw88e926guwah