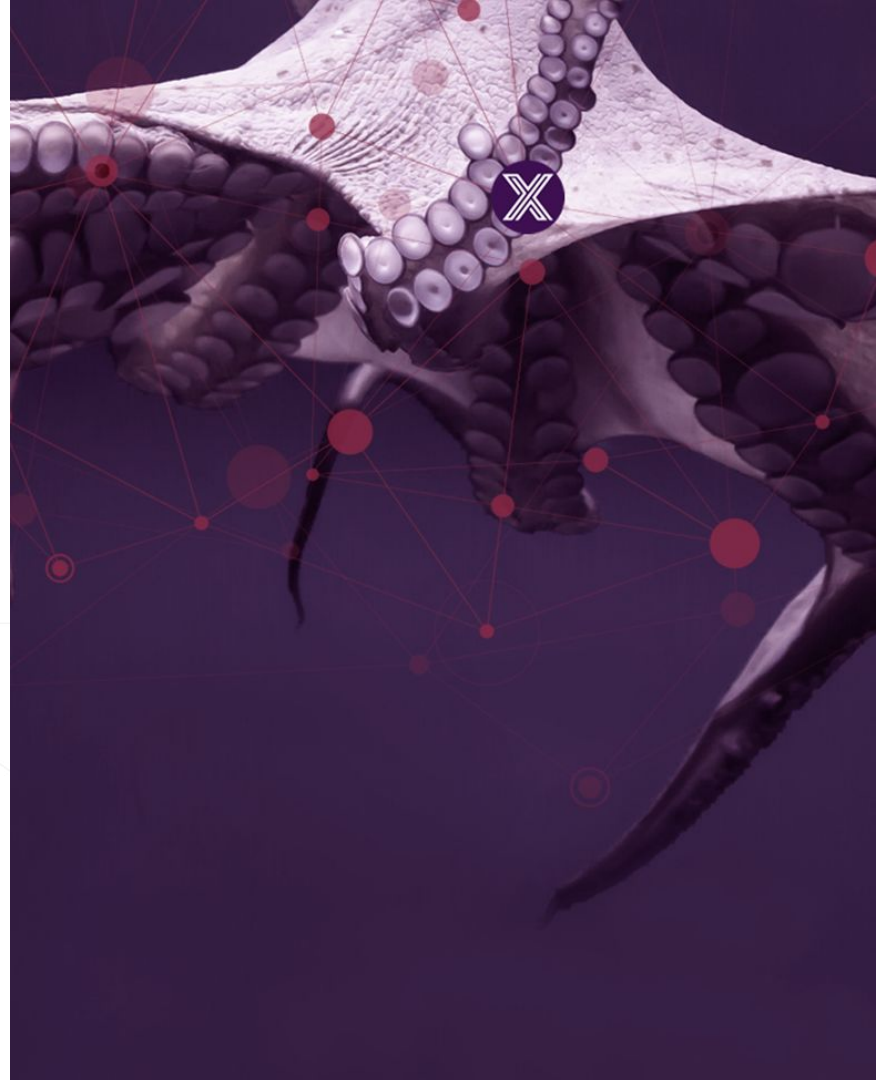# E D G E X F O U N D R Y™

Vertical Solutions Working Group
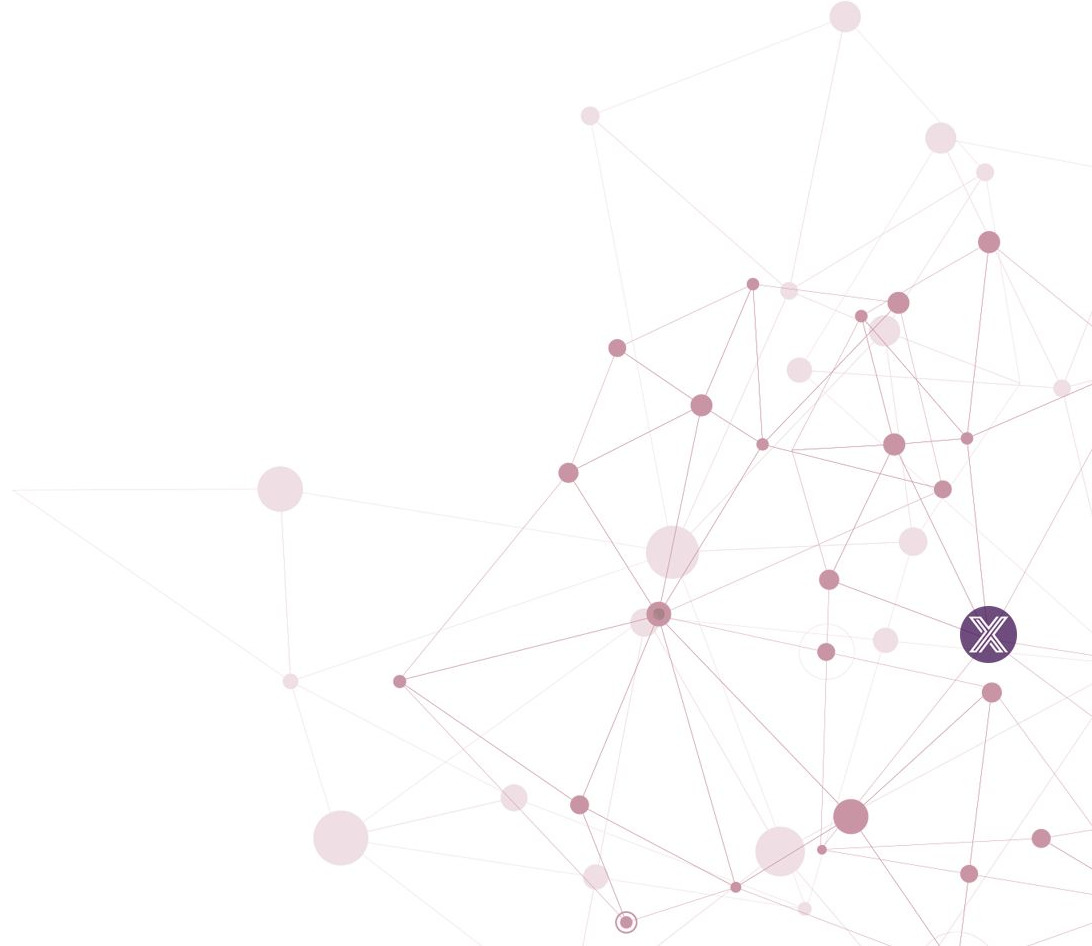
Commerce Project

August 14, 2019

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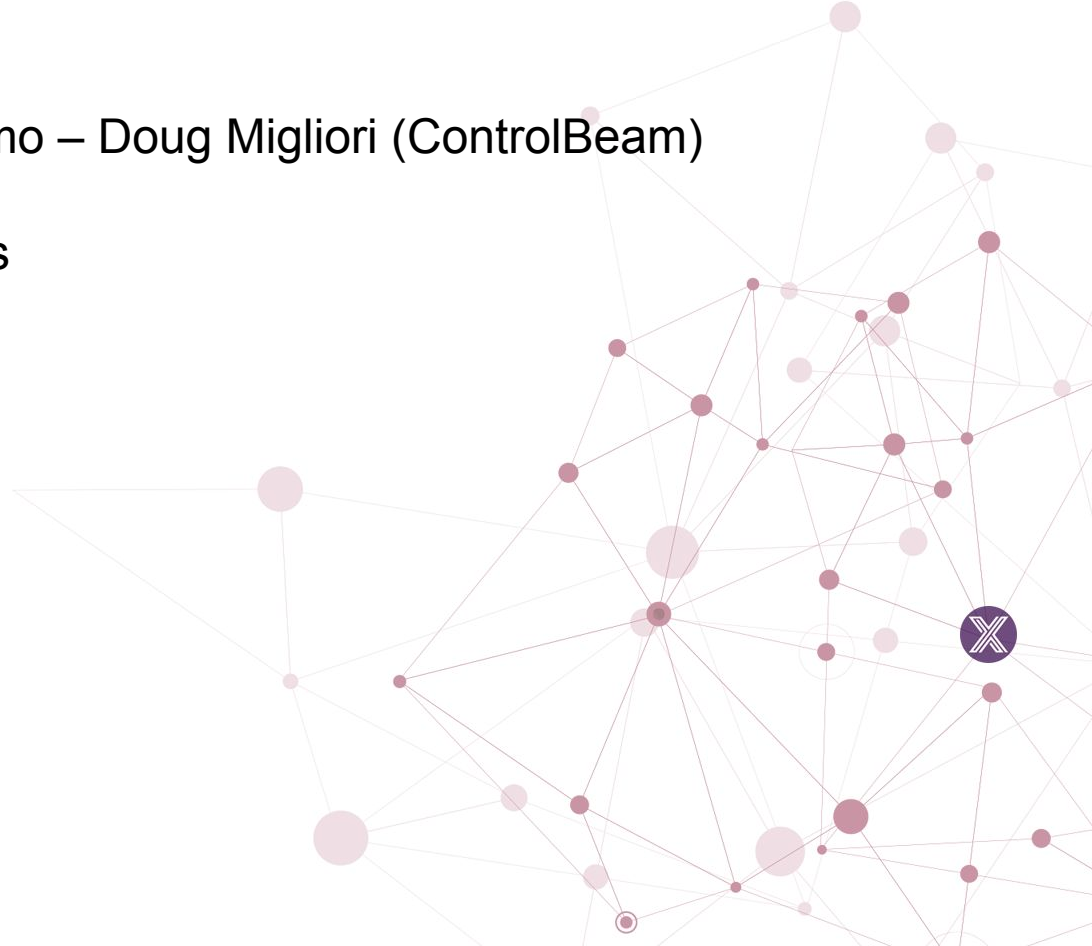
Attendees

- Intel – Brad Corrion, Eno

- ControlBeam – Doug Migliori

- Dell – Jean Marie

- Aevistrack - Mike

- Redis - Andre Srinivasan

- HP – Henry Lau, Sandip Kamat

Agenda

1. OBEDA Autonomous Edge demo – Doug Migliori (ControlBeam)
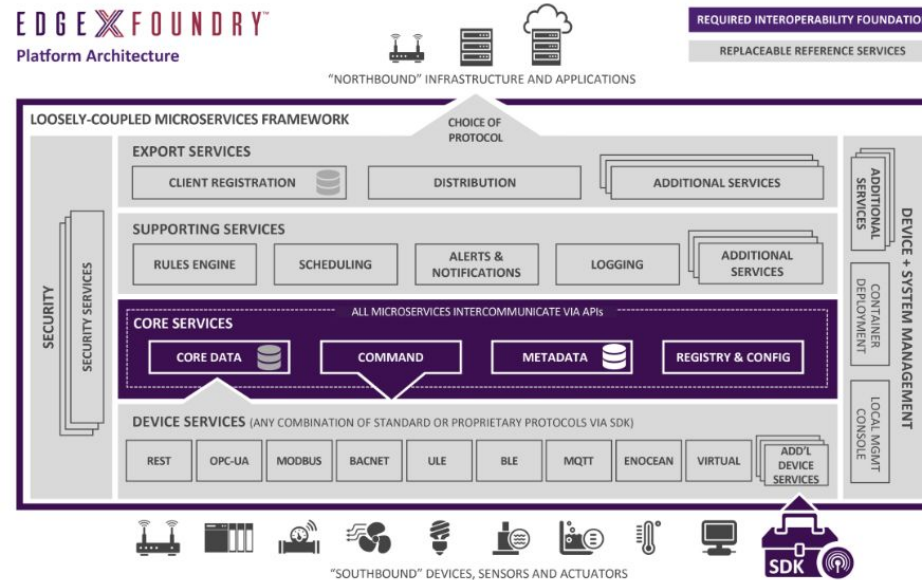
2. Hackathon use case categories

Hackathon – EdgeX Games

- Date: Oct 7-8, 2019

- Location: Chicago downtown TechNexus

- Proposed retail themed use case categories (** to be finalized):

  - Advanced loss prevention

  - Dynamic personalized retail experience

  - Inventory management

  - Open category

- Teams welcomed to contribute equipment, tools, data services, etc

  - Expect teams to come with on-site support staff

Base components in Edge Gateway

- Gateway hardware: x86 or ARM
- Linux OS
- Docker container
- EdgeX stack

Example: Inventory management how to?

Sensor source: RFID, weight, location, Bluetooth, vision, etc.

- Vision processing will need higher caliber gateway HW with GPU
- Ceiling mount RFID sensor need calibration/filtering/config in a new space
- Participants to bring what is needed.

Prework phase:

- EdgeX team can provide base recipe to support simple cases, data simulators or sample dataset
- Participants to design advanced scenarios, identify additional ingredients to design

At the event:

- Some gateway HW with base config available
- EdgeX team could inject surprise requirements, data source, twists