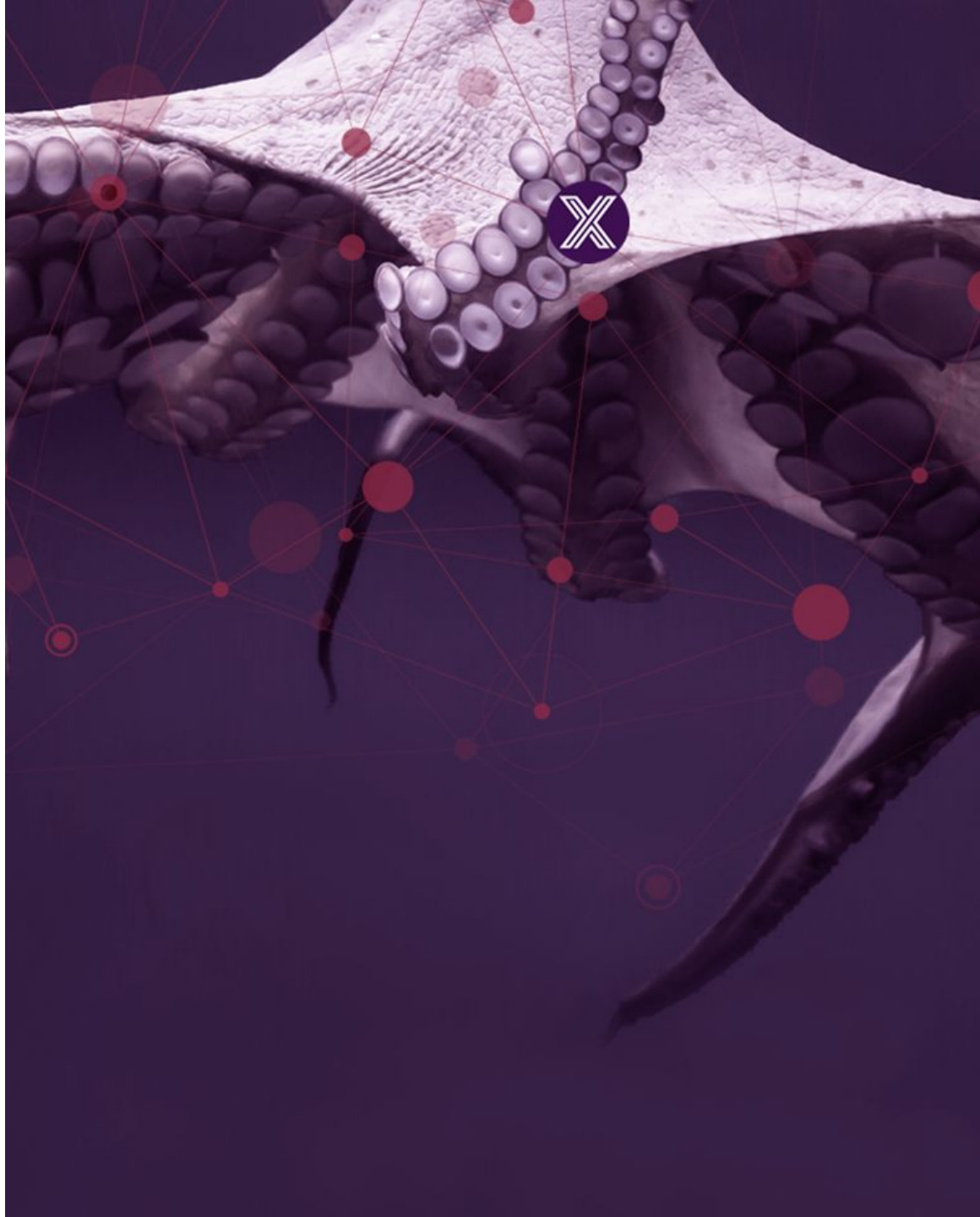
EDGE X FOUNDRY™

TSC Meeting

January 10, 2018



Meeting Logistics

Time: January 10, 2018 7am PST – 8am PST

Join from PC, Mac, Linux, iOS or Android: https://zoom.us/j/983155298

Or iPhone one-tap (US Toll): +14086380968,983155298# or +16465588656,983155298#

Or Telephone:

Dial: +1 408 638 0968 (US Toll) or +1 646 558 8656 (US Toll)

+1 855 880 1246 (US Toll Free)

+1 877 369 0926 (US Toll Free)

Meeting ID: 983 155 298

International numbers available: https://zoom.us/zoomconference?m=mkFexUxEcqHlvXHw53PqScTDRvS48PiQ

** TSC calls are recorded and added to Wiki post-call

LF Antitrust Policy Notice

EdgeX Foundry meetings involve participation by industry competitors, and it is the intention of the Linux Foundation to conduct all of its activities in accordance with applicable antitrust and competition laws. It is therefore extremely important that attendees adhere to meeting agendas, and be aware of, and not participate in, any activities that are prohibited under applicable US state, federal or foreign antitrust and competition laws.

Examples of types of actions that are prohibited at EdgeX Foundry meetings and in connection with Linux Foundation activities are described in the Linux Foundation Antitrust Policy available at http://www.linuxfoundation.org/antitrust-policy. If you have questions about these matters, please contact your company counsel, or if you are a member of the Linux Foundation, feel free to contact Andrew Updegrove of the firm of Gesmer Updegrove LLP, which provides legal counsel to the Linux Foundation.

TSC – Members Present Today

Company	Name	Email
IOTech	Andy Foster	andy@iotechsys.com
Analog Devices	Doug Gardner	doug.gardner@analog.com
Mainflux	Janko Isidorovic	janko@mainflux.com
Dell	Jason Shepherd	Jason.A.Shepherd@dell.com
The Linux Foundation	Jeremy Phelps	jphelps@linuxfoundation.org
Dell	Jim White	james.white2@dell.com
IOTech	Keith Steele (TSC Chair)	keith@iotechsys.com
Samsung	MyeongGi Jeong	myeong.jeong@samsung.com
VMware	Salim AbiEzzi	salim@vmware.com
Canonical	Tony Espy	espy@canonical.com
Samsung	Uze Choi	uzchoi@samsung.com

Current quorum = 8 members

*Note: TSC meetings shall require a **quorum of two-thirds of the TSC total members to take a vote or make a decision.** If a TSC meeting fails to meet the quorum requirement, discussions may proceed, however there shall be no voting or decisions.*

Today’s Agenda

- TSC F2F Meeting (January)
- Upcoming Events - Confirmed
- AOB

EdgeX Foundry
Technical Face - to – Face

Orlando, January 16-18, 2018

January 16-18, 2018 - Orlando, FL

- Wiki page: https://wiki.edgexfoundry.org/display/FA/16-18+January+2018%3A+Orlando+Technical+Meeting
- Venue secured:
  - HYATT REGENCY ORLANDO INTERNATIONAL AIRPORT
- RSVP by emailing info@edgexfoundry.org
  - Note if you plan to attend in-person or by dial-in
  - Current RSVP Counts: 23 in-person / 4 dial-in

Early Agenda & Topics

Slide Deck [work in progress]:
https://docs.google.com/presentation/d/1gSVaQA_s9l3_dA_CdFdcYrnqcm8stIJuAIPh2fJuXAQ/edit#slide=id.p3

Major topic areas include (see slide deck for details):

- Preview Release
- California Release
- Security Services
  - California
  - Roadmap
- System Management
  - California
  - Roadmap
- Performance metrics (what should they be)
- Resourcing for California release
- Roadmap review (past California)
- Release Schedule review
- Events
  - Conferences
  - Hackathons
  - Next Face-to-Face

Schedule (Brett Preston)

TSC Meeting Room: Prestwick/Narita

- Tuesday: 9am - 5pm EST
  - Lunch 12pm-1pm (on own)
  - Group Dinner – 6pm @ Hemisphere Restaurant
  - Drinks at McCoy's – after dinner @ McCoy's Bar & Grill (on own)
- Wednesday: 9am - 5pm
  - Lunch 12pm-1pm (on own)
  - Happy Hour 5pm @ Lobby East / Cheese, Light Apps, Beer, Wine
  - Dinner on your own
- Thursday: 9am - 12pm
  - Lunch 12pm-1pm (own own)
  - EdgeX Board meeting: 1-3:30pm @ Endeavour Room
  - Core WG Meeting: 1-5pm

High Level Agenda Day 1 (Keith Steele)

- Tuesday a.m.
  - Introductions
  - Preview Release
    - Contents
    - Timing
    - Announcements/Marketing
  - California Release
    - General Contents
      - Minus Security/Sys Mgmt (afternoon)
    - Resource needs
- Tuesday p.m.
  - Security
    - California release
    - Resource needs
    - Roadmap
  - System Management
    - California release
    - Resource needs
    - Roadmap
  - Architectural discussion tee-up
    - Topic line up (adds/removes)
    - Check on the allotment for these topics

High Level Agenda Day 2 (Keith Steele)

- Wednesday a.m.
  - Carry-over from Day 1
    - Review action items/decisions
  - California Performance Metrics
    - Near real time? Real time?
    - Target/required throughputs
    - Target/required footprint
    - Target/required startup/shutdown
    - How measured/tested
- Wednesday p.m.
  - Future Roadmap(s)
    - Delhi Release (Oct 2018)
    - XXX Release (Apr 2019)
    - Beyond
  - Open Source v. Value Add
    - What should EdgeX not do?

High Level Agenda Day 3 (Keith Steele)

- Thursday a.m.
  - Carry-over from Day 2
    - Review action items/decisions
  - Release Schedule
    - Release naming
  - Conferences/Events
    - 2018 Targets
    - Hannover Messe
      - Demo plans
    - OpenIoT Summit
  - Hackathons
  - Miscellaneous

- Thursday p.m.
  - Tech Working Group Breakout
    - Architectural issues/resolutions
  - EdgeX Foundry Board Meeting

Cover some **architectural issues** in the a.m. if time permits or deemed high priority

Upcoming Events

Brett Preston

Upcoming Events - Confirmed

- IIC Members Meeting - Progress update in Test Bed Track, February 5-8, 2018, Virginia [Salim]
- Embedded World, February 27 - March 1, 2018, Germany
  - Speakership
- Industry of Things World USA, March 8-9, 2018, San Diego
  - Speakership
- OpenIoT Summit, March 12 - March 14, 2018, Portland
  - Bronze Sponsorship, including booth presence
  - Submitting CFP responses for Sessions/Lab
- IoT Build, March 27-28, 2018, San Francisco
  - Speakership and panel
- Hannover Messe, April 23-27, Germany
  - Member booth
- Internet of Things World, May 14-17, 2018, Santa Clara
  - Panel

AOB / Reminders

Brett Preston

Project Contributions Welcome!

- Our objective is to make EdgeX use & deployment pervasive!
- EdgeX success is 100% dependent on the vibrancy of a proactive community
- Getting Involved
  - Project membership growing - want to join contact Philip DesAutels at LF (pdesautels@linuxfoundation.org)
  - First Priority is the MVP - potential contributors please contact keith@iotechsys.com (people, equipment, technology)
  - If interested in adding new projects please contact the relevant working group chair

Project Resources

Quick links to most commonly used Community Resources

- Code: https://github.com/edgexfoundry
- Documentation: https://wiki.edgexfoundry.org/
- Discussion: https://chat.edgexfoundry.org/
- Mail Lists: https://lists.edgexfoundry.org/mailman/listinfo
- Twitter: https://twitter.com/EdgeXFoundry
- LinkedIn: https://www.linkedin.com/company/22298339/
- YouTube: https://www.youtube.com/c/EdgeXFoundry

EdgeX - Where to learn more

- EdgeX Foundry Wiki
  https://wiki.edgexfoundry.org/display/FA/EdgeX+Foundry+Project+Wiki
- EdgeX Foundry Rocket Chat
  https://chat.edgexfoundry.org/home
- Weekly EXF Technical Spin up calls by Jim White, Dell (james_white2@dell.com)
  30 minute deep-dive topics followed by 30 minute open Q&A
  Call recordings are available on the Wiki

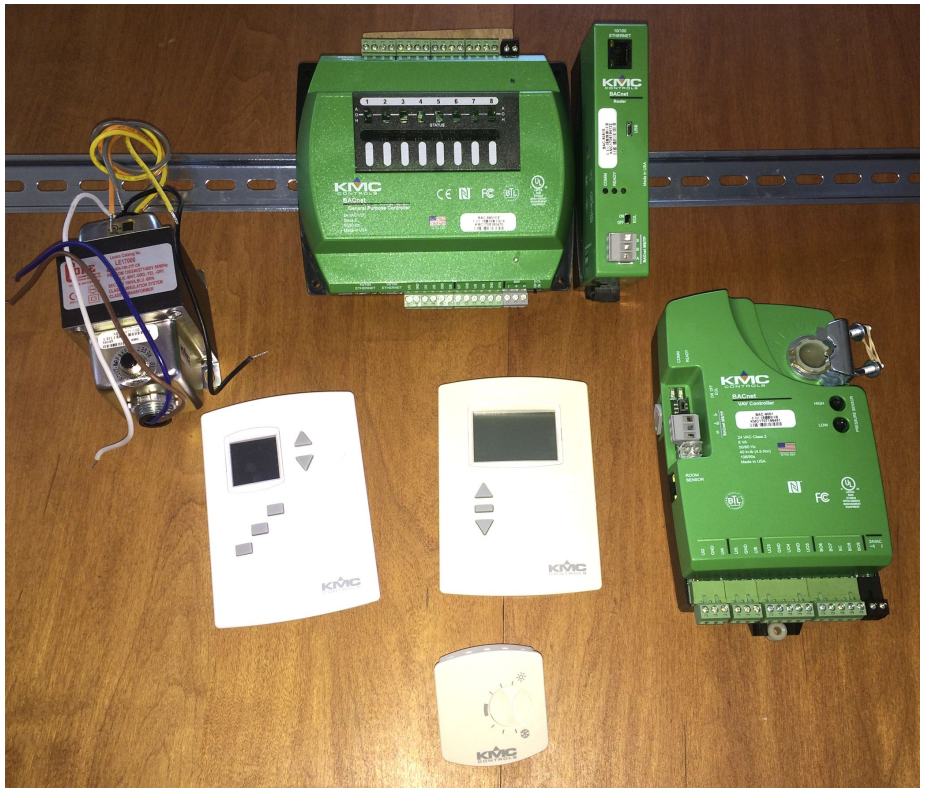
EdgeX in Market

- Page showcases momentum in the project, including solutions already available
- https://www.edgexfoundry.org/edgex-in-market/
- Email info@edgexfoundry.org if you have any additions

What is the Device Exchange?

- A great way to put your products in the hands of other members so they can help build a better EdgeX!
  - https://wiki.edgexfoundry.org/display/FA/Device+Exchange

KMC CONTROLS



Special thanks to Dave Bohlman and KMC Controls for making this awesome kit and how-to guide available to members!!

Hackathon Events

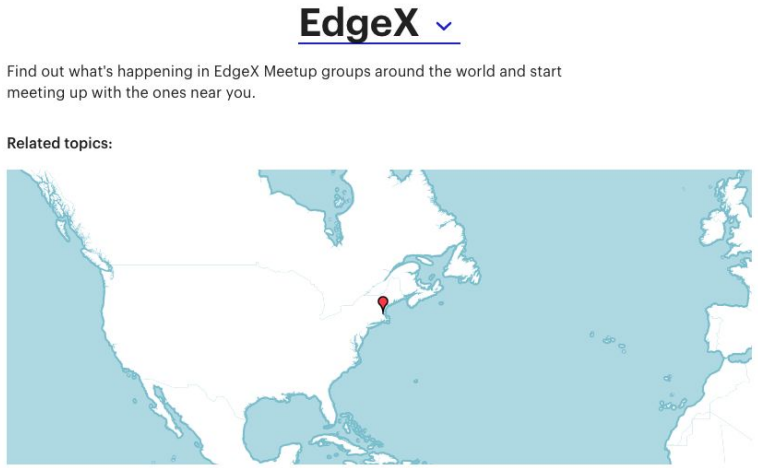
- Jim White and Tyler Cox putting together hackathon starter kit.
- More coming

Hackathons: How can you help?

- https://wiki.edgexfoundry.org/display/FA/Hackathons
- Provide any local volunteers onsite to help with technical work, potentially help judge, etc. (see list below of known hackathons coming up and locations)
- Sponsor breakfast/lunch/dinner for the participants (usually things like donuts/coffee, pizza lunch or cater sandwiches)
- Sponsor $ rewards (incentives) for teams that successfully implement projects (these could even be projects that particular sponsors want to see accomplished - we just need them scoped appropriately so as to be something that can be accomplished in a 2 day period)
- Help provide or resource hackathon winner prizes
- Sponsor or provide any swag (t-shirts, mugs, etc.)
- Provide marketing assistance

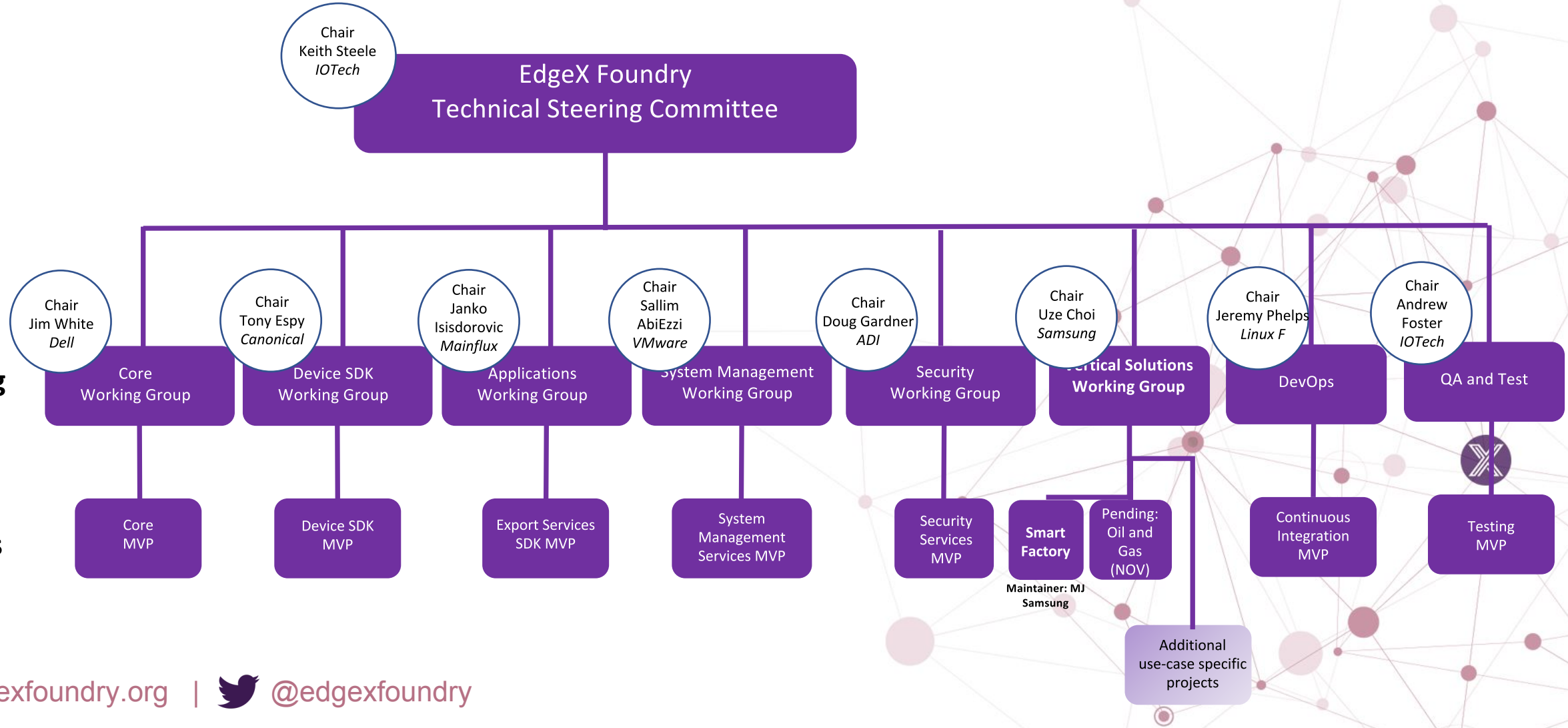
Meetups

- Help us grow awareness!
- Present, and Tag, EdgeX in your local IoT Meetups
- https://www.meetup.com/topics/edgex/
- Email info@edgexfoundry.org for assistance



EDGE X FOUNDRY™

EdgeX Project Organization



Marketing

- **CTA:** If your company will be demoing technologies that utilize the EdgeX framework, please email events@edgexfoundry.org so that we can add to https://www.edgexfoundry.org/events/

- **CTA:** If your company will be presenting EdgeX at an upcoming event/webinar/other, please email pr@edgexfoundry.org so that we can help promote

AOB/Cadence

- Meeting Cadence Reminder
  - Currently held weekly at 7am PST on Wednesday's
  - Calls without TSC quorum will still be used to review issues

- **Next Meeting: January 16-18, 2018 (F2F in Orlando, FL)**

Thank You