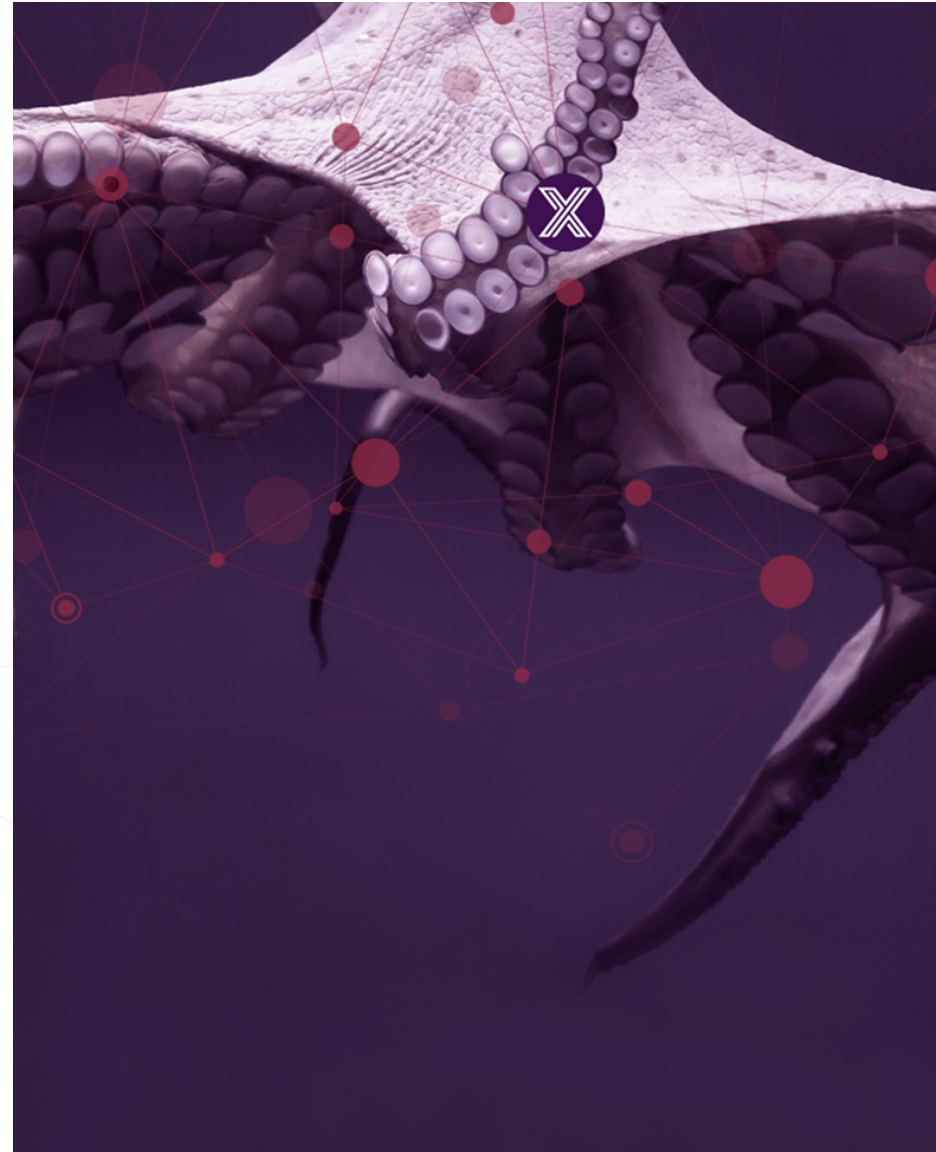


EDGE X FOUNDRY™

## TSC Meeting

September 13, 2017

[edgexfoundry.org](http://edgexfoundry.org) |  [@edgexfoundry](https://twitter.com/edgexfoundry)



# Meeting Logistics

Time: September 13, 2017 7am PDT – 8am PDT

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)

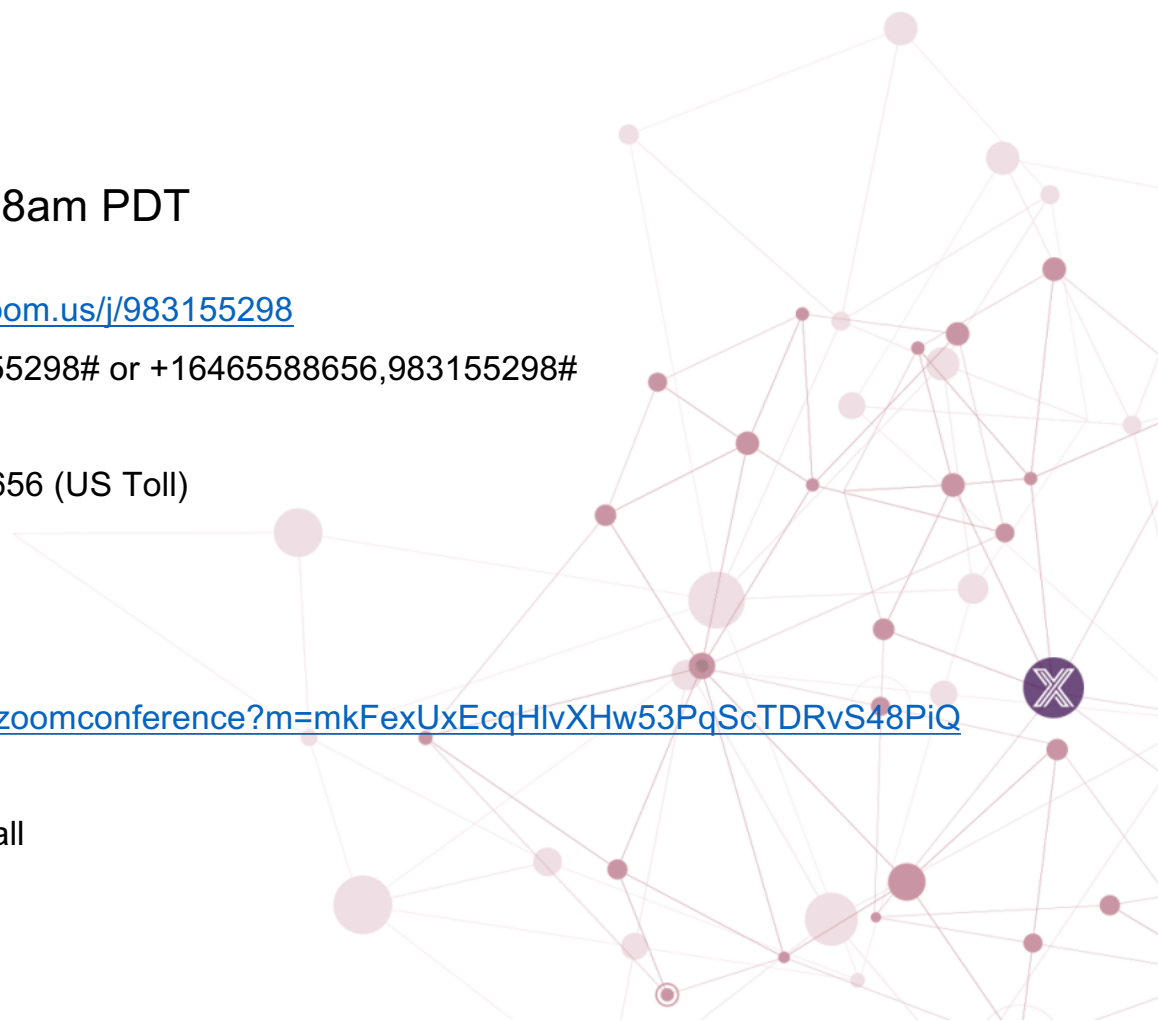
+1 855 880 1246 (US Toll Free)

+1 877 369 0926 (US Toll Free)

Meeting ID: 983 155 298

International numbers available: <https://zoom.us/join?j=983155298>

\*\* 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 Updegrave of the firm of Gesmer Updegrave LLP, which provides legal counsel to the Linux Foundation.

# TSC – Members Present Today

## Company

IOTech  
Analog Devices  
Mainflux  
Dell

[Jason.A.Shepherd@dell.com](mailto:Jason.A.Shepherd@dell.com)

The Linux Foundation

Jeremy Phelps

Dell  
IOTech  
Samsung  
VMware  
Canonical

## Name

Andy Foster  
Doug Gardner  
Janko Isidorovic  
Jason Shepherd

Jim White

Keith Steele  
MJ Jeong  
Salim AbiEzzi  
Tony Espy

## Email

[andy@iotechsys.com](mailto:andy@iotechsys.com)  
[doug.gardner@analog.com](mailto:doug.gardner@analog.com)  
[janko@mainflux.com](mailto:janko@mainflux.com)

[jphelps@linuxfoundation.org](mailto:jphelps@linuxfoundation.org)

[james.white2@dell.com](mailto:james.white2@dell.com)  
[keith@iotechsys.com](mailto:keith@iotechsys.com)  
[myeong.jeong@samsung.com](mailto:myeong.jeong@samsung.com)  
[salim@vmware.com](mailto:salim@vmware.com)  
[espy@canonical.com](mailto:espy@canonical.com)

Current quorum = 7 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

- New Members
- New TSC Members
- TSC Meeting Barcelona Agenda
- TSC Meeting Boston
- CII Badge Program
- EdgeX Ambassador Program
- IOT World Congress Update
- AOB



EDGE X FOUNDRY™

New Members

Philip DesAutels

# Welcome to [Samsung!](#)

- Joined at the Platinum level
- [Press Release](#)

More announcements expected soon



EDGE X FOUNDRY™

## New TSC Members

Keith Steele



# Welcome to new TSC members!

- Platinum Member Representative: [MyeongGi \(MJ\) Jeong](#), Samsung
- DevOps WG Chair: [Jeremy Phelps](#), The Linux Foundation



# TSC Meeting Barcelona 5th October Agenda

Keith Steele

# Agenda

- **Barcelona Release**
- Release/Availability Plan
- Performance against original plan
- Moved to California release task list
- • Lessons Learned
- Upcoming Release Strategy
  - Discussion & Decisions
  - Late January or Early Feb 2018 – Specific date and any method of release to be discussed and ratified
  - Proposed for reaction/discussion/ratification
  - June 2018 – California @ IoT DevCon, Santa Clara, CA June 5-6 (<https://www.iot-devcon.com/>)
  - Nov 2018 – IoT Tech Expo (Santa Clara) or IoT World (London)
- **EdgeX Real Time**
- Presentation from Samsung on potential new EdgeX real time track & Factory Automation Vertical market domain
- Discussion on new working groups
- Discussion on inclusion in California plan
- **California Preview Release (Jan 2018)**
- Go Services (core data, core metadata, command, export client, and elements of Go SDK) and Testing - Can Go services be “certified” as drop in replacements by our test framework(s) by that time?
- ARM versions of these and other services
- C SDK availability
- Demos
- Security and System Management API’s
  - implementation strategy?
- California Release Target Functionality

# Proposed Agenda Continued

- California Release
  - Target deliverables
  - First security and system management capabilities (what are they?)
  - Footprint and performance targets (what are they and how achieved?)
  - Full Arm support (what does this mean?)
  - Additional OS support (which specific OS?)
  - Additional north bound connectivity (to what?)
  - Additional south bound connectivity (to what?)
  - Additional SDK's?
  - Real Time Version
  - Vertical Domain Functionality
- **Releases after California**
  - Suggested Names
  - Release Frequency
  - High level roadmap targets
- **Working Group Elections in Jan/Feb meeting**
  - Formal Process
  - What to know
  - How accomplished



## CII Badge Program

Brett Preston

# LF Core Infrastructure Initiative (CII) Badge Program

- The Best Practices Badge is an open source secure development maturity model. Projects having a CII badge will showcase the project's commitment to security.
- The [Linux Foundation \(LF\) Core Infrastructure Initiative \(CII\)](#) Best Practices badge is a way for Free/Libre and Open Source Software (FLOSS) projects to show that they follow best practices. Projects can voluntarily self-certify, at no cost, by using this web application to explain how they follow each best practice. The CII Best Practices Badge is inspired by the many badges available to projects on GitHub. Consumers of the badge will be able to quickly assess which FLOSS projects are following best practices and as a result are more likely to produce higher-quality secure software.
- Overview A: <https://www.coreinfrastructure.org/programs/badge-program>
- Overview B: <https://bestpractices.coreinfrastructure.org/>
- Examples of Badge Program in action:  
<https://bestpractices.coreinfrastructure.org/projects?q=hyperledger>  
<https://wiki.hyperledger.org/>
- **Question:** Is this something the community is interested in? Any volunteers to help complete application?



EDGE X FOUNDRY™

## EdgeX Ambassador Program

Brett Preston

# EdgeX Ambassador Program

## Ambassadors

---

EdgeX Ambassadors (EXAs) are individuals who are passionate about EdgeX technologies, are recognized for their expertise, and most importantly, are willing to help others learn about the EdgeX framework and community.

The EdgeX Ambassador program exists to empower community members with the tools and resources needed to help evangelize and advance the project.

Multiple avenues exist for contribution:

- Present EdgeX in [local IoT Meetups](#)
- Assist with project documentation
- Help advance the TSC by tackling items listed on [Contributor Suggestions](#)
- Help take EdgeX global through regional content translation
- Help tell the EdgeX story (through speaking opportunities, community blog series contribution)

Membership in EdgeX Foundry is not required to be an Ambassador. Anyone from the community is welcome to apply!

Requirement for becoming an official EdgeX Ambassador:

- Employed by an EdgeX Foundry member company [OR]
- Active contributor to the EdgeX Community



EDGE X FOUNDRY™

AMBASSADOR



# EdgeX Ambassador Program

## What's in it for you?

- Recognition on the website
- Discounts on EdgeX produced events
- Eligible for annual EdgeX Community Award for Top Ambassador
- Potential speaking opportunities

## Are you interested in becoming an official EdgeX Ambassador?

APPLY NOW!



Animesh Singh  
IBM

Animesh Singh is an STSM and Lead for IBM Cloud Platform. He has been with IBM for more than 10 years and currently works with customers in designing cloud computing solutions on OpenStack, Cloud Foundry, Docker and Serverless Architecture, and is the lead for IBM Bluemix.

[Read More](#)



Ariel Jatib  
STACKPOINTCLOUD

Ariel Jatib is Principal Engineer at StackPointCloud, Inc. He founded and organizes the New York, Seattle and San Francisco Kubernetes Meetups, regularly hosting the New York event.

[Read More](#)



Chakradhar Rao Jonagam  
RED HAT

Chakradhar is a Solutions Architect specialized in Container technologies at Red Hat Inc. Evangelizing containers to customers is his day to day job. traveling is another obsession.

[Read More](#)



Cheryl Hung  
STORAGEOS

Cheryl Hung is a Product Manager at StorageOS and founder of the Cloud Native London meetup. She is passionate about developer experience and building a strong, open, diverse developer community.

[Read More](#)



SAMPLE LISTING

# EdgeX Ambassador Program - Application

## EdgeX Ambassador Application

\* Required

Email address \*

Your answer

First and Last Name \*

Your answer

Please provide location (example Paris, France) \*

Your answer

EdgeX Member Company [AND/OR] Outline your current active contributions to the EdgeX Project/Community \*

Your answer

If named an EdgeX Ambassador, I will continue to help grow the EdgeX Project/Community by... \*

Your answer

Please provide your LinkedIn URL (if applicable)

Your answer

Please provide Github ID (if applicable):

Your answer

Please provide your Twitter handle (if applicable)

Your answer

SUBMIT

# EdgeX Ambassador Program

- **Question:** Is TSC supportive of Ambassador Program launch at this time?
- If yes, @ community -- please email [info@edgexfoundry.org](mailto:info@edgexfoundry.org) to apply to be part of initial EdgeX Ambassador class



EDGE X FOUNDRY™

# IOT World Congress Updates

[edgexfoundry.org](http://edgexfoundry.org) |  [@edgexfoundry](https://twitter.com/edgexfoundry)

# IOT World Congress Updates

- TSC F2F meeting to be held Thursday, October 5 (last day of the conference)
  - All day meeting
  - Location being finalized
- More info will be posted to <https://wiki.edgexfoundry.org/display/FA/5+October+2017%3A+IOT+Solutions+World+Congress+Barcelona> as it becomes available
- Email [info@edgexfoundry.org](mailto:info@edgexfoundry.org) to be directly added to meeting invite
- RSVP to attend to [bpreston@linuxfoundation.org](mailto:bpreston@linuxfoundation.org)



EDGE X FOUNDRY™

Weekly TSC Meeting Time

edgexfoundry.org |  @edgexfoundry

## Weekly TSC Meeting Time

- TSC currently meets every Wednesday at 7am PDT (3pm BST/11pm KST)
- Would the TSC like to consider rotating in a second call time that is more fair to APAC?
  - 1pm PDT (9pm BST/5am KST) or 2pm PDT (10pm BST/6am KST) or other?



EDGE X FOUNDRY™

## AOB / Reminders

Brett Preston



# 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](mailto:james_white2@dell.com))

30 minute deep-dive topics followed by 30 minute open Q&A

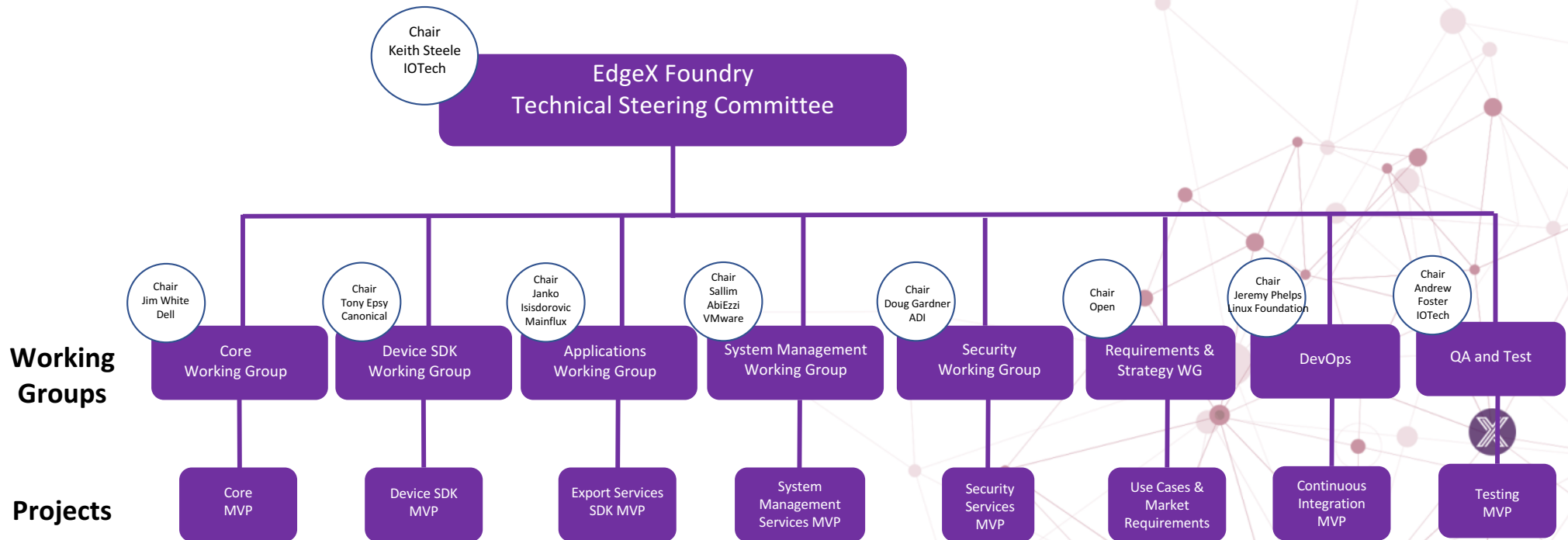
Thursdays @ alternating times (6pm & 9am EDT)

Next call **Thursday, September 14 @ 6pm EDT**: Using the SDK to generate a device service

Email [info@edgexfoundry.org](mailto:info@edgexfoundry.org) to request to be added directly to meeting invite

Previous call recordings are available on the [Wiki](#)

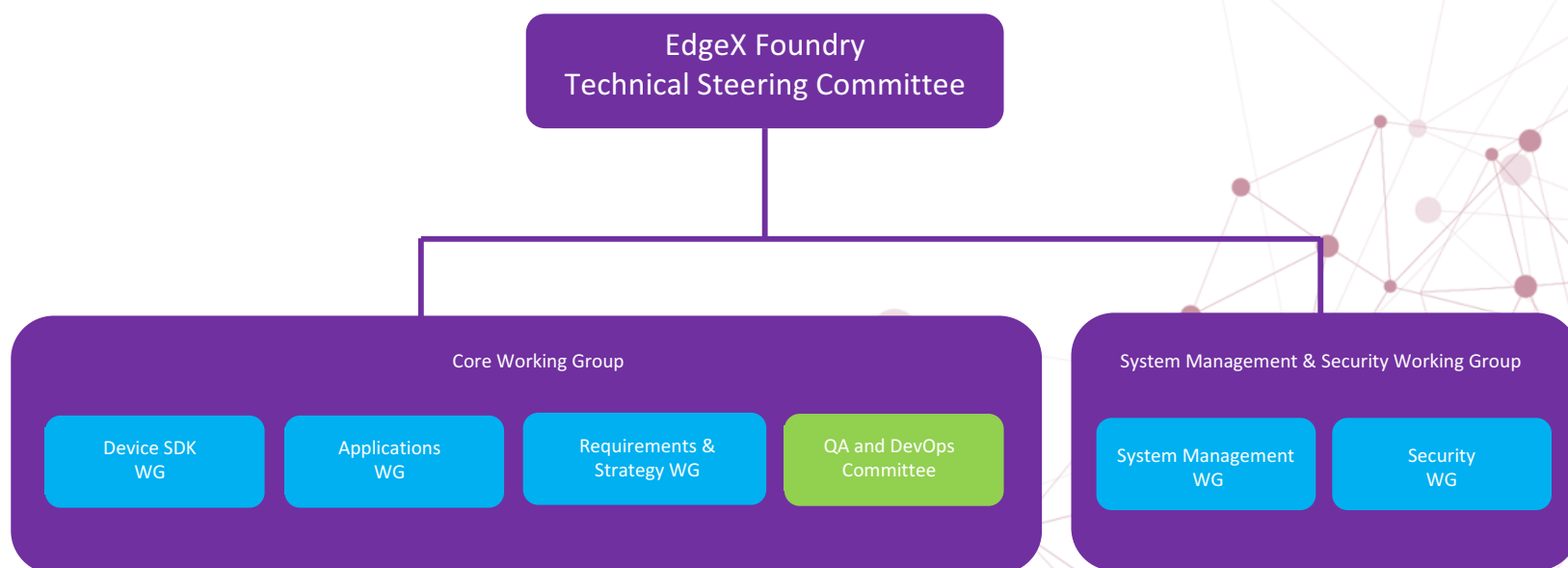
# EdgeX Project Organization



# TSC and WGs Meeting Structure June 2017

*Combined Meetings during MVP 'Design Phase'*

## Meeting Groups



- Please register Interest for working groups where you'd like to participate: Mail lists @ <https://lists.edgexfoundry.org/mailman/listinfo>
- You will automatically receive notifications of all meetings and events

# 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](mailto:pdesautels@linuxfoundation.org))
  - First Priority is the MVP - potential contributors please contact [keith@iotechsys.com](mailto: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-beta/22298339/>

# What is the Device Exchange?

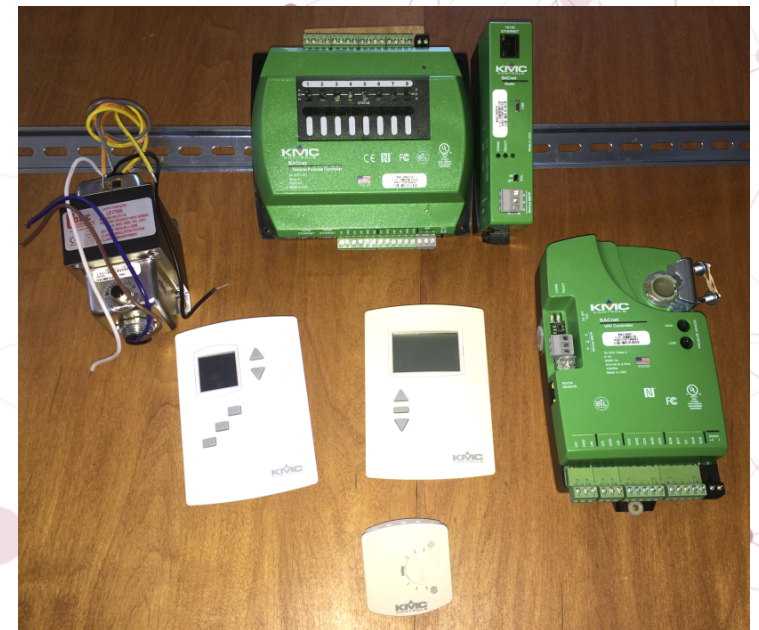
•A great way to put your products in the hands of other members so they can help build a better EdgeX!

- <https://wiki.edgexfoundry.org/display/FA/Device+Exchange>



Special thanks to [Dave Bohlman](#) and [KMC Controls](#) for making this awesome kit and how-to guide available to members!!

[edgexfoundry.org](http://edgexfoundry.org) |  [@edgexfoundry](https://twitter.com/edgexfoundry)



# Upcoming Events

- [IOT Solutions World Congress Barcelona](#)
  - **3-5 October 2017**
  - **EdgeX Foudry Booth featuring Members + Demos**
    - [Canonical](#)
    - [CloudPlugs](#)
    - [Cumulocity](#)
    - [Dell / RSA](#)
    - [IOTech](#)
    - [Linaro](#)
    - [NetFoundry](#)
    - [Neustar](#)
    - [RFMicron](#)
    - [Vantiq](#)
    - [VMware](#)
  - EdgeX Members receive discounted [Registration](#)
    - Email [info@edgexfoundry.org](mailto:info@edgexfoundry.org) for discount code

## Marketing

- **CTA:** If your company will be demoing technologies that utilize the EdgeX framework, please email [events@edgexfoundry.org](mailto: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](mailto:pr@edgexfoundry.org) so that we can help promote



## AOB/Cadence

- Meeting Cadence Reminder
  - Currently held weekly at 7am PDT on Wednesday's
  - Calls without TSC quorum will still be used to review issues
- **Next Meeting: 9/20/2017**

The background features a detailed illustration of a snake's head and neck, rendered in a light, almost white color against a dark purple background. A network of red dots connected by thin lines is overlaid on the snake's body. A small, stylized 'X' logo is visible on the snake's neck. The logo consists of a white 'X' inside a dark purple circle.

EDGE X FOUNDRY™

Thank You