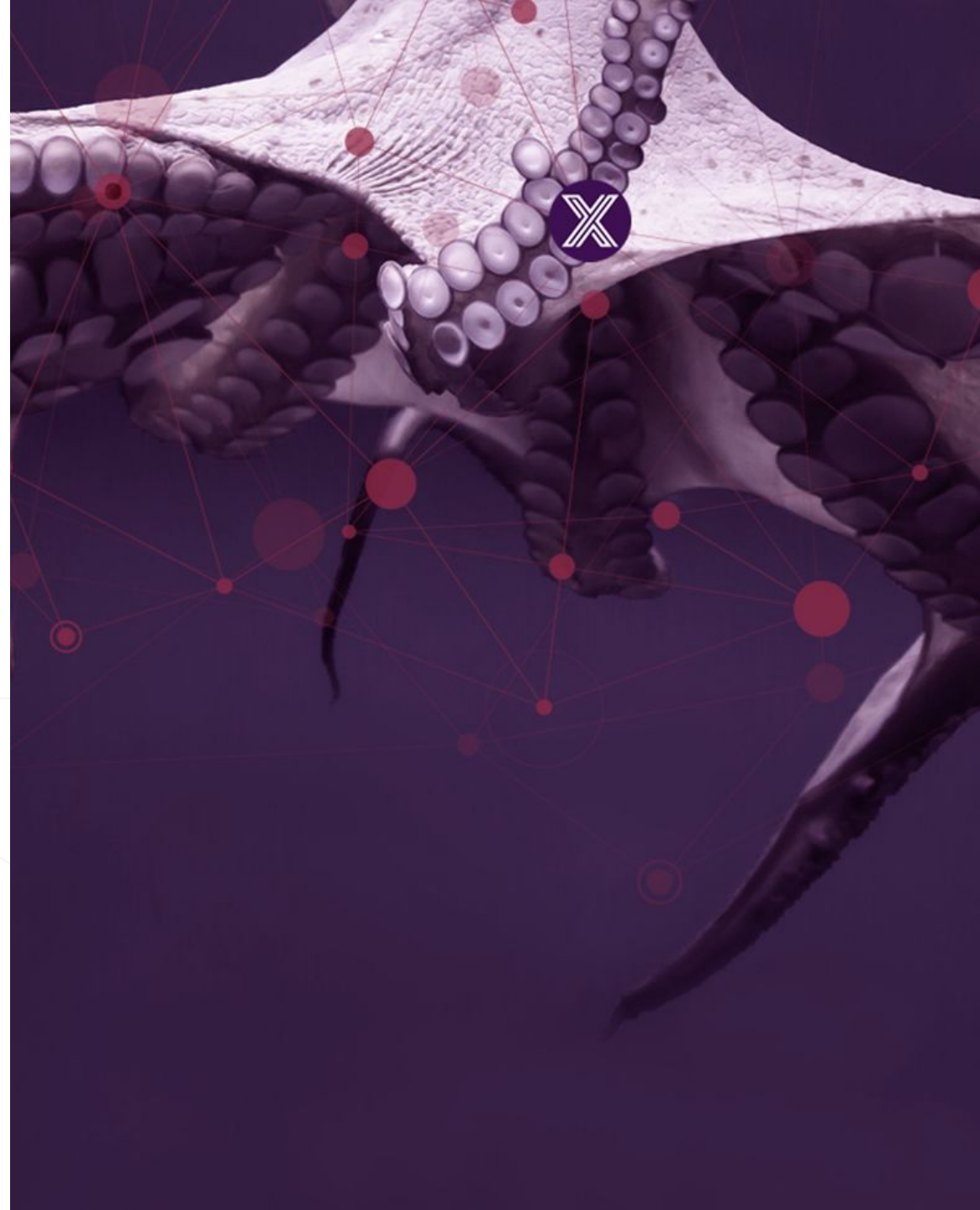


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# TSC Meeting

August 9, 2017



# Meeting Logistics

Time: August 9, 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/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, and 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

<u>Company</u>	<u>Name</u>	<u>Email</u>
Canonical	Alex Newman	<a href="mailto:alex.newman@canonical.com">alex.newman@canonical.com</a>
IOTech	Andy Foster	<a href="mailto:andy@iotechsys.com">andy@iotechsys.com</a>
Mainflux	Janko Isidorovic	<a href="mailto:janko@mainflux.com">janko@mainflux.com</a>
Dell	Jason Shepherd	<a href="mailto:Jason.A.Shepherd@dell.com">Jason.A.Shepherd@dell.com</a>
Analog Devices	John Walsh	<a href="mailto:john-j.walsh@analog.com">john-j.walsh@analog.com</a>
IOTech	Keith Steele	<a href="mailto:keith@iotechsys.com">keith@iotechsys.com</a>
Analog Devices	Michael Murray	<a href="mailto:michael.murray@analog.com">michael.murray@analog.com</a>
VMware	Salim AbiEzzi	<a href="mailto:salim@vmware.com">salim@vmware.com</a>
Canonical	Tony Espy	<a href="mailto:espy@canonical.com">espy@canonical.com</a>

*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
- Project Templates Update
- Barcelona Resourcing: Updates/needs/Timing
- IOT World Congress Demos
- Security & Systems Management WG: Face-to-Face Mtg Update
- Device Exchange!!!
- AOB
  - Project Resources
  - Marketing
  - Events
  - Reminders
  - Next Time
    - Absolute Software Corporation (Silver)
    - inwinSTACK (Silver)
    - IoT Impact Labs / INEX Advisors (Silver)



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## New Members

Keith Steele / Philip DesAutels

# Welcome to New Members

- Absolute Software Corporation (Silver)
- inwinSTACK (Silver)
- IoT Impact Labs / INEX Advisors (Silver)
- Parallel Machines (Silver)
- Queen's University Belfast (Associate)
- RIOT (Associate)
- Toshiba (Silver)
- Tulip Interfaces (Silver)
- Zephyr Project (Associate)

More announcements expected soon



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# Project Templates Update

Andy Foster



# Update

- Waiting for feedback from LF on branching model (GitHub flow vs. Git Flow) and any recommendations for Pull Request process
- On-going discussion on versioning scheme – it is likely individual microservices will have their own version numbers + high level version/identifier for each consolidated EdgeX release
- Plan to start adding procedures and guidelines pages to QA and Test Wiki (<https://wiki.edgexfoundry.org/pages/viewpage.action?pageId=329484>) for review and approval in next few days
- Vote to approve Templates Under Review <https://wiki.edgexfoundry.org/display/FA/Templates+Under+Review>

# TSC Vote to Approve

- Project Principles: <https://wiki.edgexfoundry.org/pages/viewpage.action?pageId=329316>
- Project Incubation Exit Criteria: <https://wiki.edgexfoundry.org/pages/viewpage.action?pageId=329318>
- Project Lifecycle: <https://wiki.edgexfoundry.org/pages/viewpage.action?pageId=329320>
- Proposal Template for EdgeX Project: <https://wiki.edgexfoundry.org/pages/viewpage.action?pageId=329322>
- Release Taxonomy: <https://wiki.edgexfoundry.org/pages/viewpage.action?pageId=329324>
- Technical Work in the EdgeX Foundry Project: <https://wiki.edgexfoundry.org/pages/viewpage.action?pageId=329327>
- Working Group Charter Template: <https://wiki.edgexfoundry.org/pages/viewpage.action?pageId=329329>

# Issue Tracking

- Any updates from last week? Guidelines adapted for EdgeX? New Wiki pages?
- Submitting an EdgeX issue and issue management procedures and guidelines derived from:
  - GitHub Issues (overview of submitting an issue using GitHub)
    - <https://guides.github.com/features/issues/>
  - Reporting an Issue – includes information a user should supply when submitting an issue and should be adapted for EdgeX
    - [http://intelledger.github.io/community/issue\\_tracking.html](http://intelledger.github.io/community/issue_tracking.html)
  - Managing Issues Guidelines – should be adapted for EdgeX
    - <https://github.com/kubernetes/community/blob/master/contributors/devel/issues.md>
  - GitHub Labels for Issues – should be adapted for EdgeX
    - <https://github.com/kubernetes/kubernetes/labels>

# Repository Management and Committing Code

- Any updates from last week? EdgeX ready templates for review?
- EdgeX repository management and code commit/check in procedures and guidelines derived from:
  - GitHub Flow (overview of GitHub flow and branching)
    - <https://guides.github.com/introduction/flow/>
  - GitHub Branching Model
    - Git-flow <http://nvie.com/posts/a-successful-git-branching-model/>) or
    - GitHub flow <https://hackernoon.com/a-branching-and-releasing-strategy-that-fits-github-flow-be1b6c48eca2>
  - GitHub Hello World (including making a Pull Request (PR) general process)
    - <https://guides.github.com/activities/hello-world/>
  - Project Specific PR Process (should be adapted for EdgeX)
    - <https://github.com/kubernetes/community/blob/master/contributors/devel/pull-requests.md#the-pr-submit-process>
  - Contributor License Agreement
    - <https://github.com/kubernetes/community/blob/master/CLA.md>
  - Release Versioning (proposed for EdgeX)
    - <https://wiki.edgexfoundry.org/pages/viewpage.action?pageId=329324>) and <http://semver.org/>
  - Git Commit Messages (should be adapted for EdgeX)
    - <https://wiki.openstack.org/wiki/GitCommitMessages>

# Coding Standards

- Any updates from last week? Guidelines adapted for EdgeX? New Wiki pages?
- EdgeX coding standards derived from:
  - Google Coding Standards (EdgeX has already agreed to adopt Google standards)
    - <https://github.com/google/styleguide>
  - Opendaylight.org coding standards for Code Headers and Checkstyle process (should be adapted for EdgeX)
    - [https://wiki.opendaylight.org/view/BestPractices/Coding\\_Guidelines#General\\_Code\\_Style](https://wiki.opendaylight.org/view/BestPractices/Coding_Guidelines#General_Code_Style)

# Testing

- Any updates from last week? Guidelines adapted for EdgeX? New Wiki pages?
- Testing conventions and guidelines derived from:
  - Testing Conventions (general guidelines should be adapted for EdgeX)
    - <https://github.com/kubernetes/community/blob/master/contributors/devel/coding-conventions.md#testing-conventions>
  - Testing Guide (specific guidance on running unit and integration tests – should be adapted for EdgeX)
    - <https://github.com/kubernetes/community/blob/master/contributors/devel/testing.md>



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# Security + Systems Management WGs: Face-to-Face Meeting

Doug Gardner / Salim AbiEzzi

# F2F the Week of August 28

- **Finalized:** EdgeX Security + System Management Working Groups - Face to Face Meeting
- Dates: [TBD](#)
- Location: [Seattle - Venue pending](#)
- Subscribers on [Security](#) + [System Management](#) WG Mail Lists will be added to the invitation
  - Dial-in will be available
  - If you would like to attend in person, please RSVP by [TBD](#) to [info@edgexfoundry.org](mailto:info@edgexfoundry.org)





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# Device Exchange

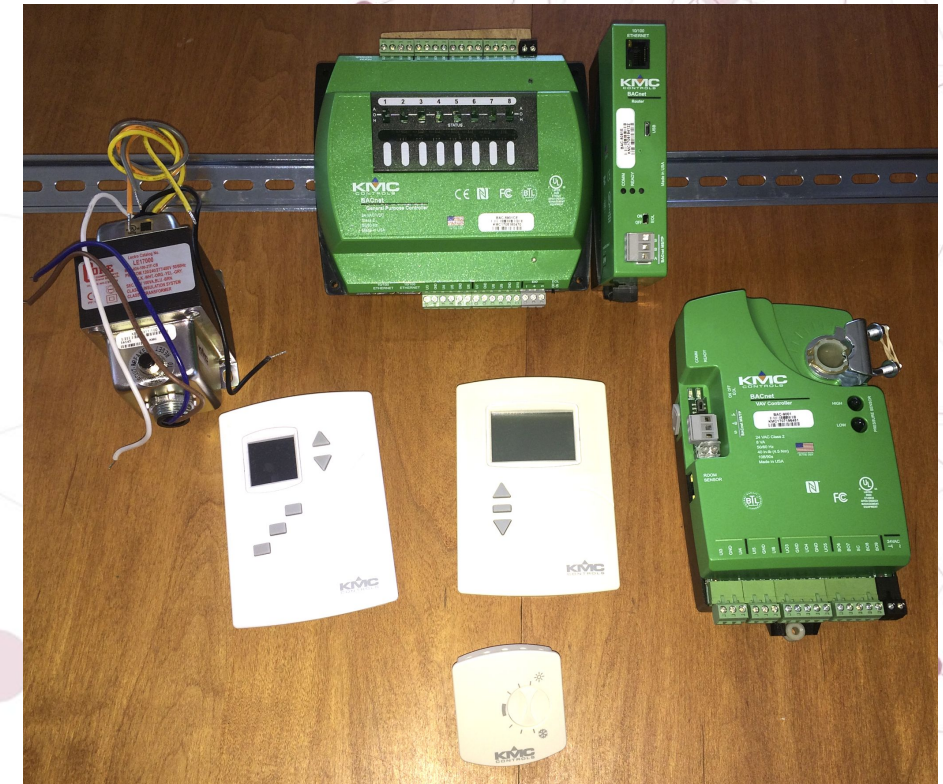
Philip DesAutels, PhD

# 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!!





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## AOB / Reminders

# 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

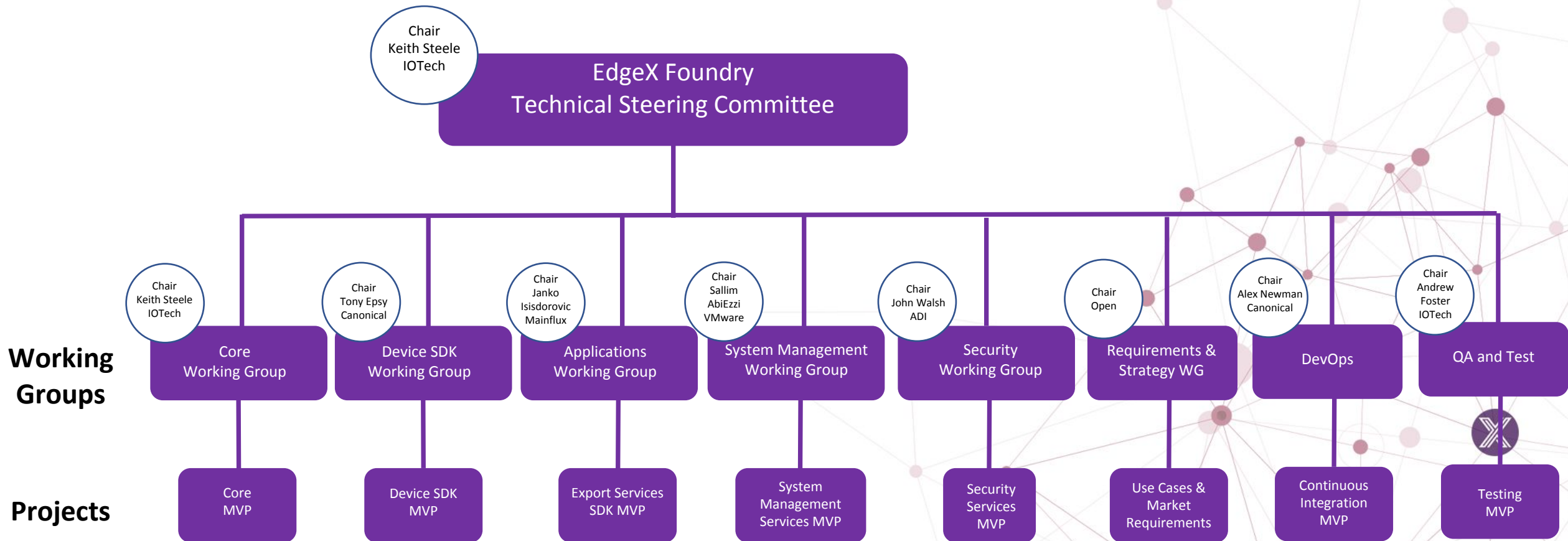
Thursdays @ alternating times (6pm & 9am EDT)

Next call Thursday, August 10 @ 6pm EDT: “Topic TBD”

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](#)

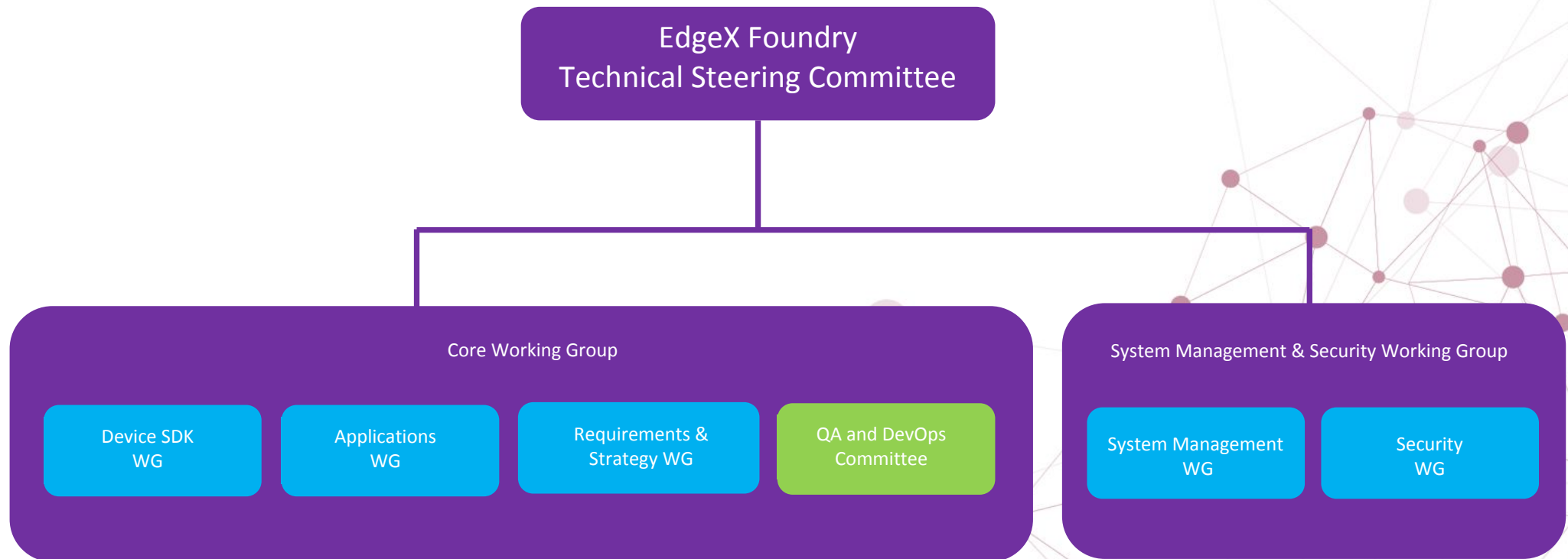
# EdgeX Project Organization



# 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/>



# Upcoming Events

- **[IOT Solutions World Congress Barcelona](#)**
  - **3-5 October 2017**
  - **EdgeX Foundry Booth featuring Members + Demos**
    - [Canonical](#)
    - [CloudPlugs](#)
    - [Dell / RSA](#)
    - [IOTech](#)
    - [Linaro](#)
    - [NetFoundry](#)
    - [Neustar](#)
    - [RFMicron](#)
    - [Vantig](#)
    - [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: 8/16/2017**



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Thank You