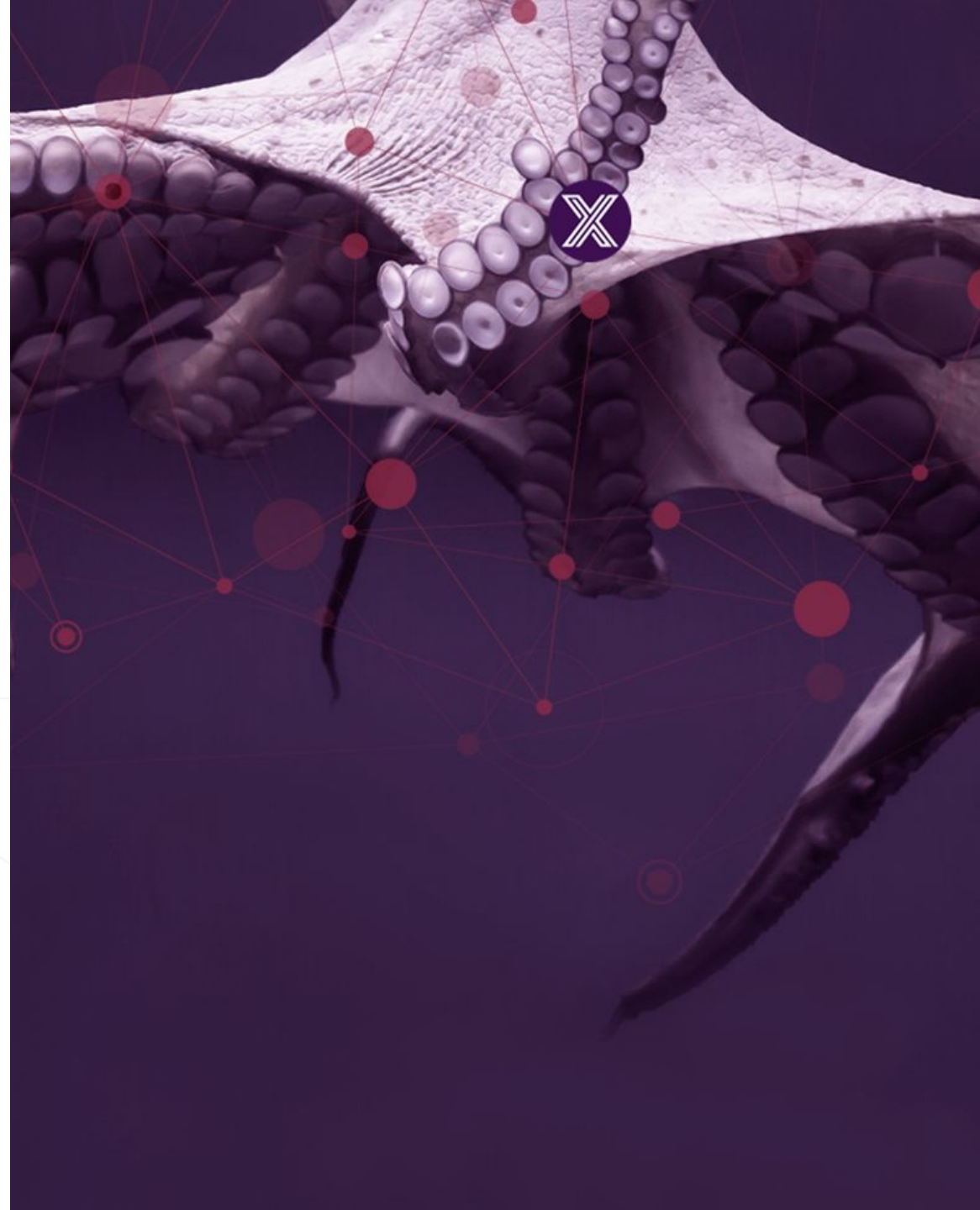


EDGE X FOUNDRY™

TSC Meeting

August 16, 2017



Meeting Logistics

Time: August 16, 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	alex.newman@canonical.com
IOTech	Andy Foster	andy@iotechsys.com
Mainflux	Janko Isidorovic	janko@mainflux.com
Dell	Jason Shepherd	Jason.A.Shepherd@dell.com
Dell	Jim White	james.white2@dell.com
Analog Devices	John Walsh	john-j.walsh@analog.com
IOTech	Keith Steele	keith@iotechsys.com
Analog Devices	Michael Murray	michael.murray@analog.com
VMware	Salim AbiEzzi	salim@vmware.com
Canonical	Tony Espy	espy@canonical.com

*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

- Core Working Group Update
- QA and Test, DevOps WG Update
- Security & Systems Management WG: Face-to-Face Mtg Update
- Barcelona Resourcing: Updates/needs/Timing
- IOT World Congress Updates
- AOB
 - Project Resources
 - Marketing
 - Events
 - Reminders
 - Next Time

Committers List

Need TSC approval of following list of committer nominees

- Applications WG: Janko Isidorovic
- Core/Supporting WG: Jim White
- Device Service and SDK WG: Tony Espy
- Test/QA/Builds/CI: Andy Foster

& additional general and global (across all repos) committer nominees

Jim White, Tyler Cox, & Andy Foster



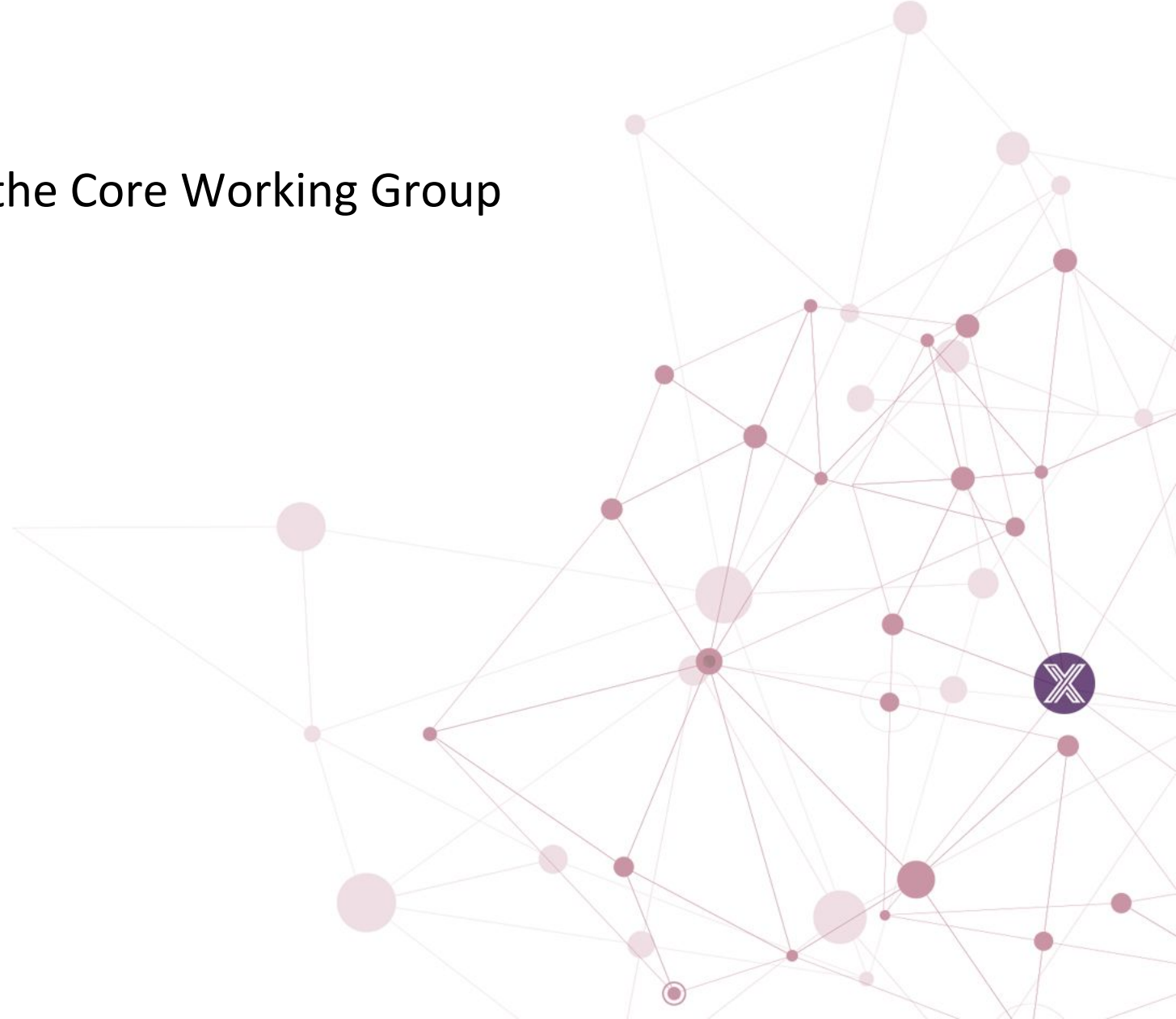
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Core WG Update

Keith Steele

Core WG Update

- Jim White taking over as Chair of the Core Working Group



Project Doc Change: Committers & Maintainers

Need TSC approval for following changes to project docs

<https://wiki.edgexfoundry.org/display/FA/Technical+Work+in+the+EdgeX+Foundry+Project>

- a. By default, project working group leads are committers for repositories assigned to their working group. At this time, EdgeX works off the following working group to repository assignments: [List of microservices and libraries omitted here for brevity]
- b. Committers will nominate maintainers for their assigned repositories to the TSC for approval.
- c. The TSC may appoint other committers and maintainers as it sees fit based on architectural purview of the project, knowledge of the project, volume of contributions, etc.

Core Working Group - Quick Update

- Applications, Core and Supporting, DS & SDK WG still on track
- 6 Dell Devices Services cleared legal.
 - Just waiting for exec sign off to make contribution
 - Modbus, BACNet, Bluetooth, MQTT, SNMP, Fishertechnik (serial) DS
- Process and tools improvements taking place (Andy to address)
 - Build process now all working
 - Docker Build close
- Contributor's documentation additions to the Wiki
- Bi-monthly meeting with LF DevOps established
 - contact [Brett P](#) if you want to attend
- C SDK in the pipeline

Issues

- Barcelona center stage demo (what and who - Keith to address)
- Resources
 - May be ½ person (or so) short for Barcelona release
 - More hands would help!

GO Go Lang GO

- For consideration by the TSC
- A number of groups are out ahead of schedule to re-implement microservices in Go Lang
 - Dell on Core Data, Core Metadata, Core Command
 - Mainflux on Export Client
 - Canonical is starting to explore Go DS SDK
- The advancement of Go services suggests we should consider having a coordinated release with all these Go services
 - Timeframe TBD but could potentially be around Dec or Jan
- Would be great to have performance numbers of a few along with formal plan @ time of Barcelona release



QA and Test, DevOps WG Update

Andy Foster

Update 1 of 2

- Build/CI
 - Build process now all working
 - Docker build close to completion
 - Checkstyle to be integrated next for automated code analysis against Google coding standards
- Testing
 - Process has started of getting existing Postman integration tests running from command line and then integrated into Jenkins
- Tools
 - Need to choose a Project Management tool to be used by individual WG and across the organization
 - Candidate tools include:
 - Primary choices - GitHub Projects (available for free with GitHub), Trello (free options only), Jira (extra cost to project for LF support – already ruled out due to cost)
 - Others – Waffle (includes a free OS option), ZenHub (extra cost to project), CodeTree (extra cost to project)

Update 2 of 2

- Templates and Guidelines
 - Jim has create a new Contributors page <https://wiki.edgexfoundry.org/display/FA/Contributor%27s+Guide?src=contextnavpagetreemode> and started to populate with coding standards, submission license copyright, submission DCO and issue tracking guidelines
 - Will circulate additional guidelines for branching model, committing code and versioning to QA Test, DevOps and TSC WG mailing list + post to RocketChat for final comment and then TSC vote to adopt
- Bi-weekly call established with LF DevOps experts to co-ordinate build/test/CI work, next call Tuesday 22nd August (12 noon, EDT)



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

Doug Gardner

F2F Meeting August 29 + August 30

- EdgeX Security + Systems Management Working Groups - Face to Face Meeting
- Dates: August 29 (start 1pm PDT) + August 30 (end 5pm PDT)
- Location: Palo Alto - VMware
- Additional details will be posted to <https://wiki.edgexfoundry.org/display/FA/TBD+August+2017%3A+San+Francisco>
- Subscribers on [Security](#) + [System Management](#) WG Mail Lists will be added to the meeting invitation
 - Dial-in will be available
 - If you would like to attend in person, please RSVP by August 22 to info@edgexfoundry.org



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Barcelona Resourcing: Updates / Needs / Timing

Keith Steele

Barcelona Release

- Largely On Track (could still use some additional resources for one or two areas) please reach out to Jim White
- Think we still need marketing message for Barcelona release and IOT World Congress as a theme
- No centrally organised demo as yet; will address on Tuesday 8/22's marketing call; see Brett's update
- Next Face to face TSC meeting announced (October 5) (Brett)



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IOT World Congress Updates

Brett Preston

IOT World Congress Updates

- Still looking for centerpiece demo owner
- Next TSC F2F meeting to be held Oct 5th (last day of the conference)
- Still looking for member venue to host TSC F2F meeting at
- Please email info@edgexfoundry.org if you are able to assist with either



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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)

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

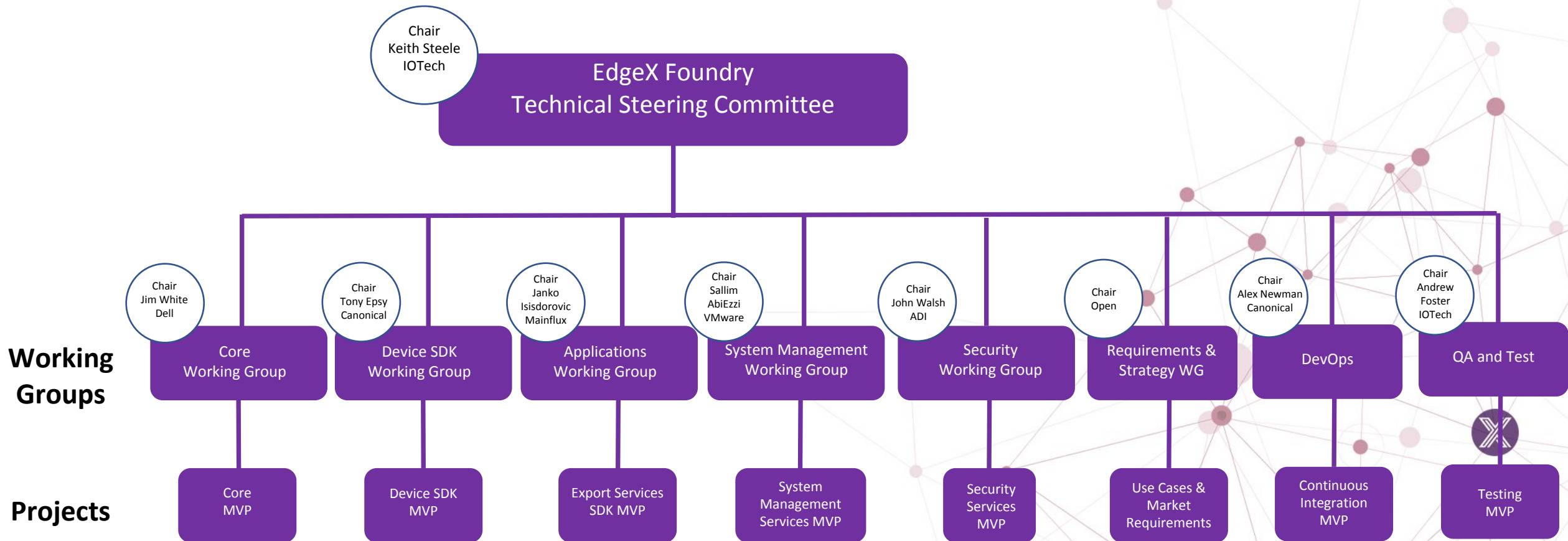
Thursdays @ alternating times (6pm & 9am EDT)

Next call **Thursday, August 17 @ 9am EDT**: Topic TBD

Email info@edgexfoundry.org to request to be added directly to meeting invite

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

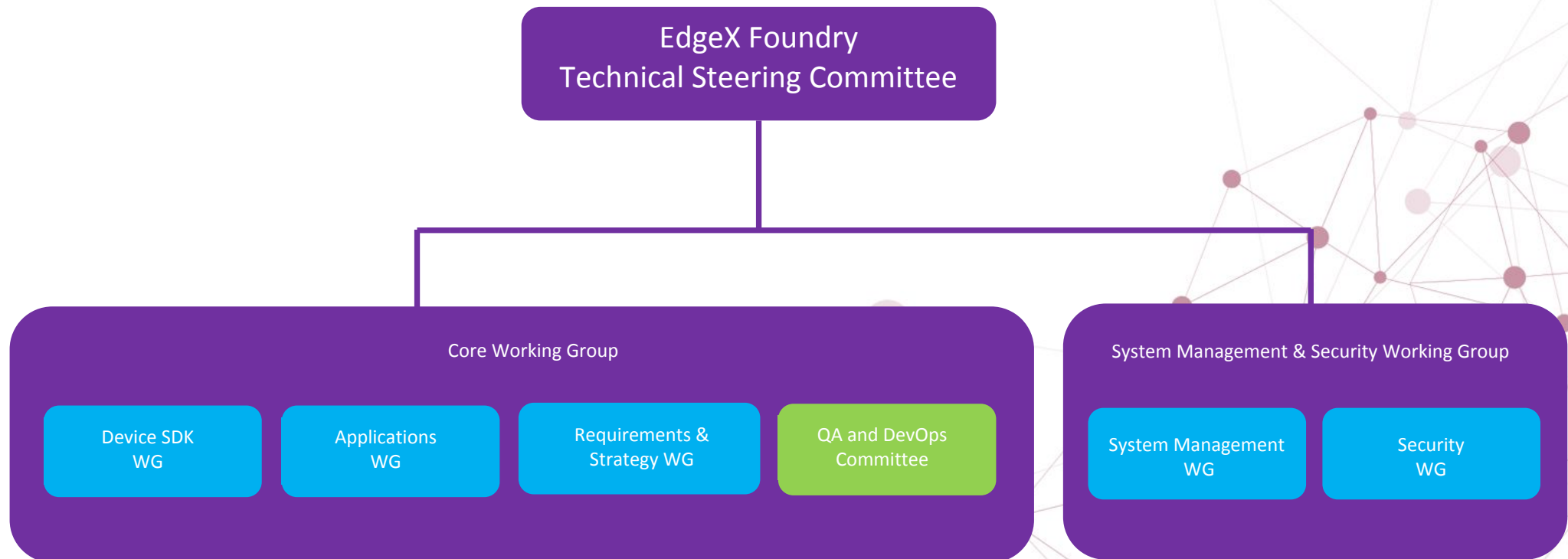
EdgeX Project Organization



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)
 - 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

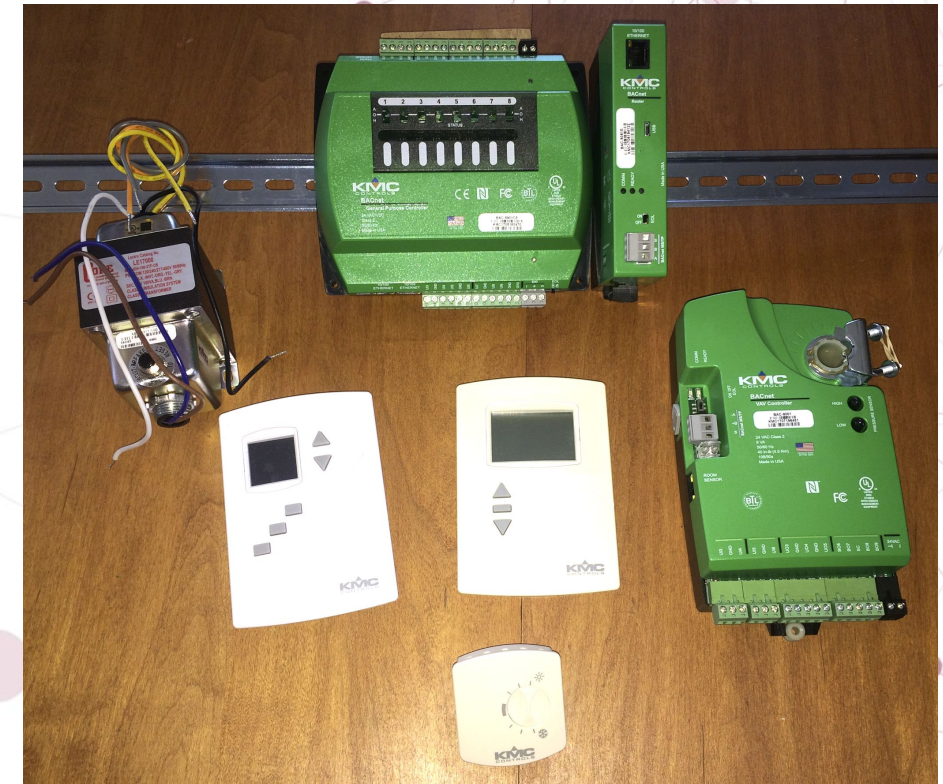
- Code: <https://github.com/edgexfoundry>
- Documentation: <https://wiki.edgexfoundry.org/>
- Discussion: <https://chat.edgexfoundry.org/>
- Mail Lists: <https://lists.edgexfoundry.org/mailman/listinfo>
- Twitter: <https://twitter.com/EdgeXFoundry>
- LinkedIn: <https://www.linkedin.com/company-beta/22298339/>

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!!



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 for discount code

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 PDT on Wednesday's
 - Calls without TSC quorum will still be used to review issues
- **Next Meeting: 8/23/2017**



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Thank You