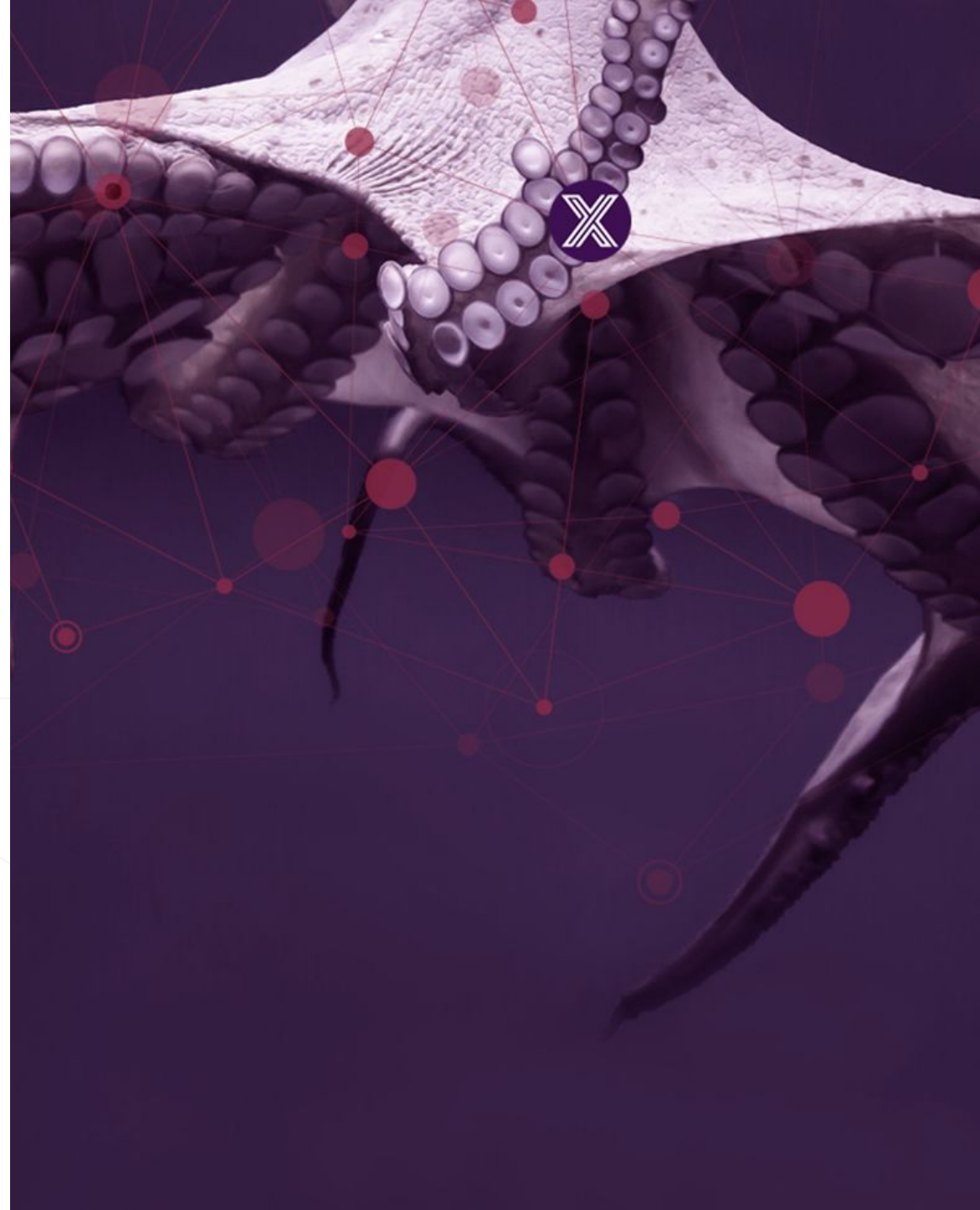# EDGE X FOUNDRY™

TSC Meeting

August 23, 2017

Meeting Logistics

Time: August 23, 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 invoice 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

Company	Name	Email
Canonical	**Alex Newman**	alex.newman@canonical.com
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
Dell	**Jim White**	james.white2@dell.com
Analog Devices	John Walsh	john-j.walsh@analog.com
IOTech	**Keith Steele**	keith@iotechsys.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

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

New Members

Brett Preston

Welcome to [Sixgill](#)!

- Joined at the Silver level
- Sixgill unifies sensor intelligence for all your sensor-enabled applications
- Great interest in the Security WG (will be participating in the F2F)
- Also interested in the Device Working Group (and in particular the Virtual Device Services framework)

More announcements expected soon

Core WG Update

Jim White

Core WG Significant Updates

- 6 Device Services contributed by Dell now in GitHub
  - Modbus, BACnet, BLE, SNMP, MQTT, Fishertechnik

Go Preview

- Decision made to produce California Go Preview release
- Will feature (minimally) following:
  - Core Data, Core Metadata, Core Command
  - Export Client
  - Elements of Go SDK/Device Services
- Tentative release date: Jan 31, 2018
- Plan to have some Go v Java microservice comparison for Barcelona
  - Provide an indication of effort toward performance/footprint improvements
  - Provide the story / roadmap for EdgeX future
- Early Go coordination meetings set

Security WG Update

Doug Gardner

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, CA - VMware
- Additional details available at
  https://wiki.edgexfoundry.org/display/FA/29+and+30+August+2017%3A+Palo+Alto%2C+CA

- Subscribers on Security + System Management WG Mail Lists have been added to the meeting invitation
  - Dial-in will be available
  - If you would like to attend in person, please RSVP by August 23 to info@edgexfoundry.org
  - If you would like to be directly added to meeting invite(s), please email info@edgexfoundry.org

QA and Test, DevOps WG Update

Andy Foster

Update

- Build/CI
  - Docker build close to completion, request to upgrade to Docker 17.05
  - Jim White to look at adding Checkstyle Maven plugin to the pom.xml file in core/supporting services and see if he can find out how the warn/error option is set (via pom or in Jenkins, etc.)
- Testing
  - Postman integration tests running, IOTech looking into how to trigger them from Jenkins
- Tools
  - Need to choose a Project Management tool to be used by individual WG and across the organization, either: GitHub Projects (available for free with GitHub), Trello (free options only)
- Template and Guidelines
  - Proposed branching model circulated for comment - Tony Espy has provided some final recommendations around the use of GitHub Flow for the groups review
- Other - held second joint meeting with LF DevOps team to co-ordinate build/test/CI work

UPDATE: Tool discussion/decision moved to Core WG meeting

System WG Management Update

Salim AbiEzzi

Device SDK WG Update

Tony Espy

Applications WG Update

Janko Isidorovic

EDGEXFOUNDRY™

Barcelona Resourcing:
Updates / Needs / Timing

Keith Steele

edgexfoundry.org | @edgexfoundry

Barcelona Release

- Largely On Track (could still use some additional resources for one or two areas) please reach out to Jim White

IOT World Congress Updates

- TSC F2F meeting to be held Thursday, October 5 (last day of the conference)
  - All day meeting
- 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 to be directly added to meeting invite

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

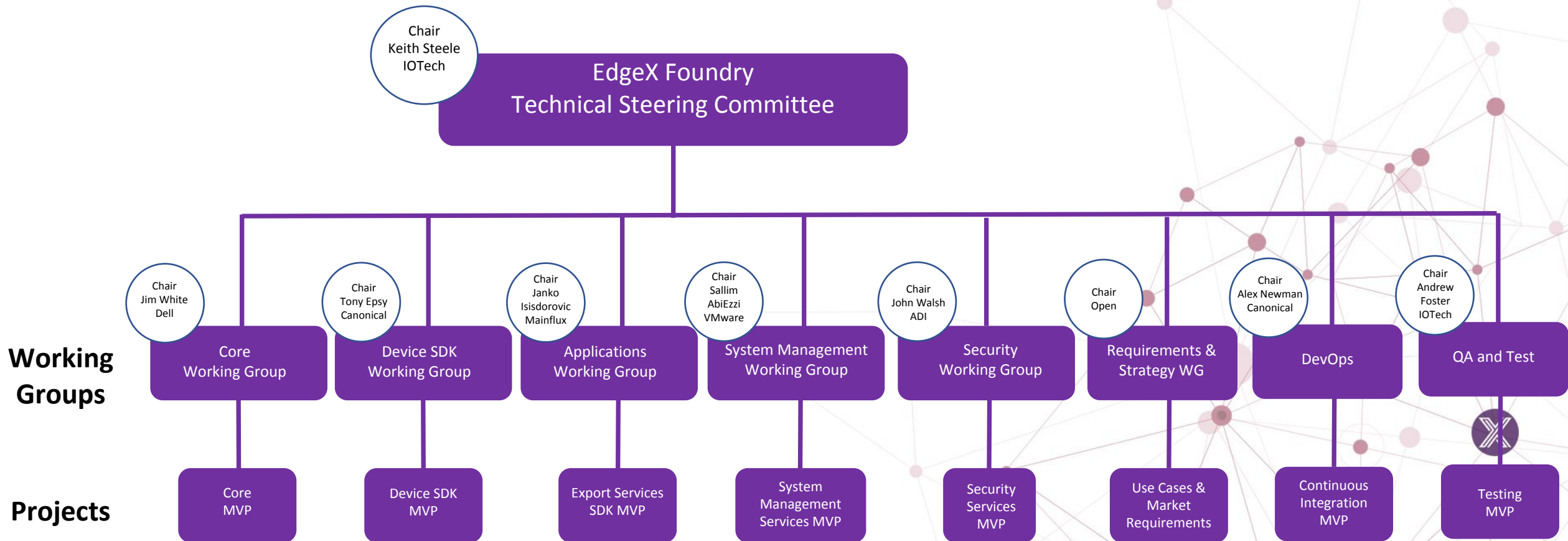 Thursdays @ alternating times (6pm & 9am EDT)

  Next call Thursday, August 24 @ 6pm EDT: Export Services

  Email info@edgexfoundry.org to request to be added directly to meeting invite
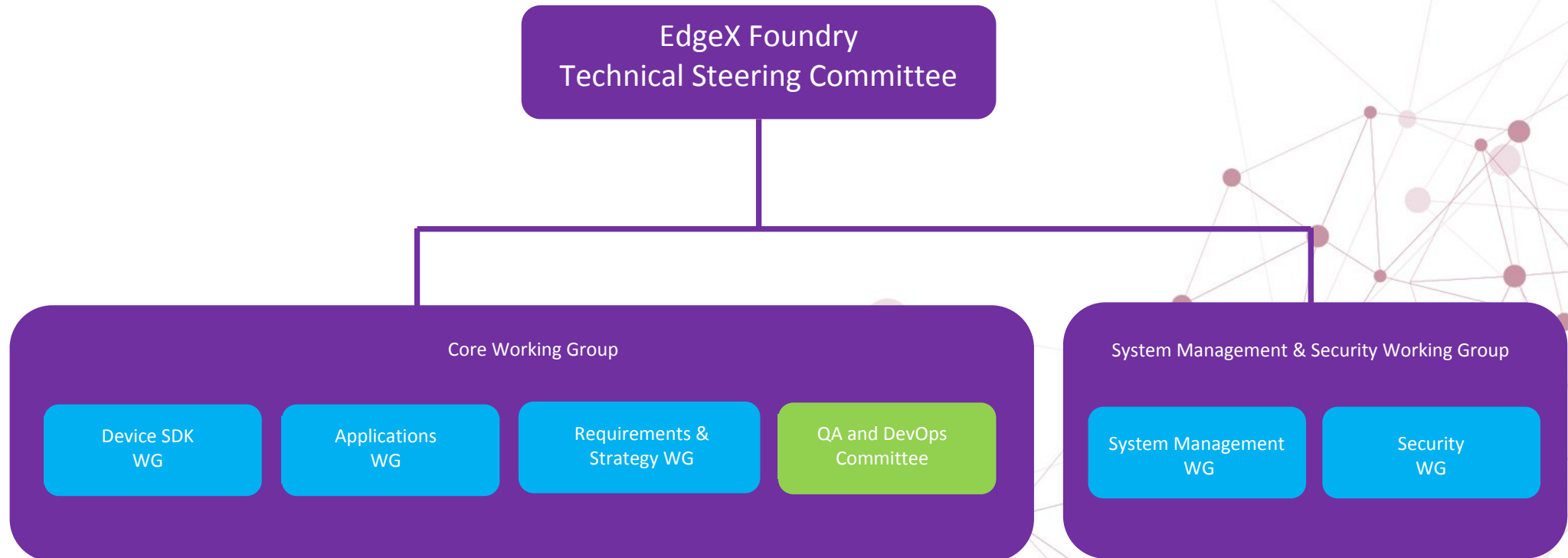
  Previous call recordings are available on the Wiki

EdgeX Project Organization

TSC and WGs Meeting Structure June 2017
Combined Meetings during MVP 'Design Phase'

EDGE**X**FOUNDRY™

EdgeX Foundry
Technical Steering Committee

Meeting Groups

Core Working Group

| Device SDK WG | Applications WG | Requirements & Strategy WG | QA and DevOps Committee |

System Management & Security Working Group

| System Management WG | Security WG |

- 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 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!!
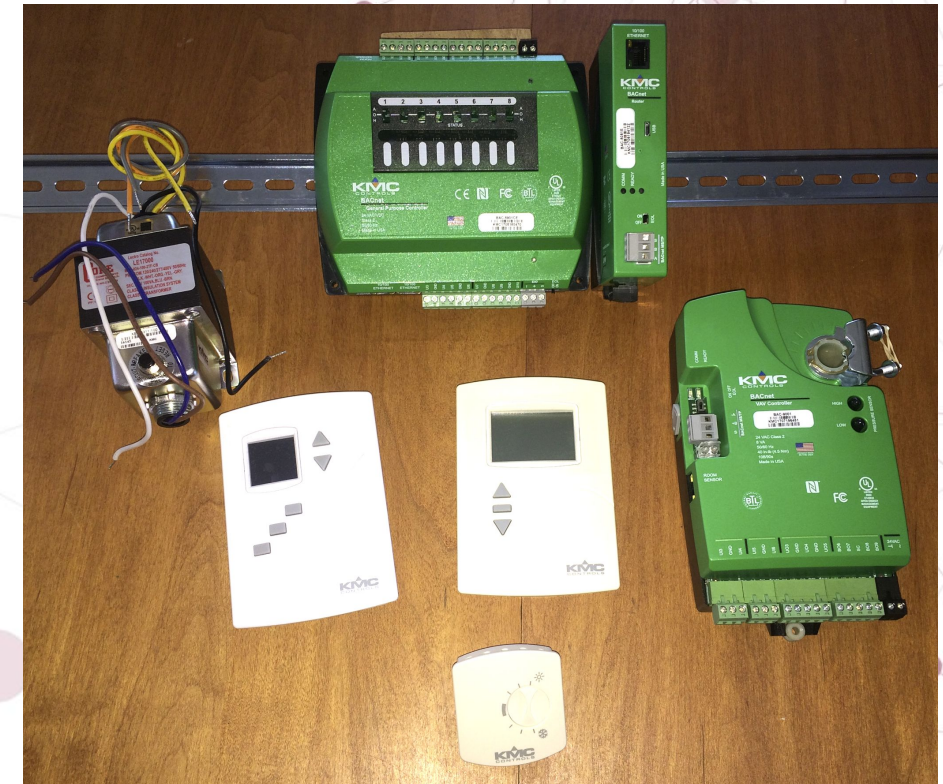
Upcoming Events

- **IOT Solutions World Congress Barcelona**
    - **3-5 October 2017**
    - **EdgeX Foundry Booth featuring Members + Demos**
        - Canonical
        - CloudPlugs
        - Dell / RSA
        - IOTech
        - Linaro
        - NetFoundry
        - Neustar
        - RFMicron
        - Vantiq
        - 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: 8/30/2017**

Thank You