



# China Project Meeting

<https://wiki.edgexfoundry.org/display/FA/China+Project>

<https://cn.edgexfoundry.org/>

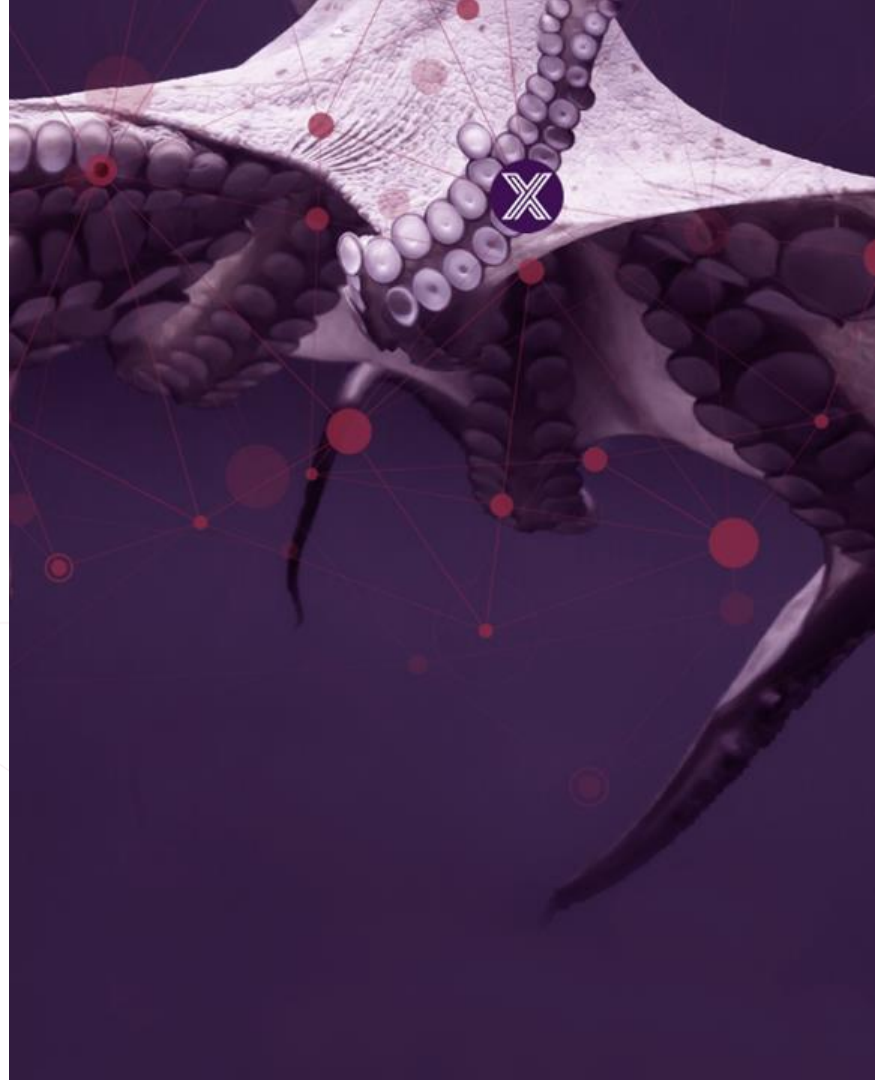
<https://www.oschina.net/group/edgex-foundry>

<https://edgex.cloud.csdn.net>

<https://www.edgex-challenge.com>

WeChat ID: EdgeXFoundryCN, “EdgeXFoundry社区”

Sep 2, 2022



# 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.

# Meeting Logistics

Time: 3pm – 4pm (China Standard Time) CST first Friday monthly

Dial-In Info: Join Zoom Meeting: <https://zoom.us/j/392518710>

Dial by your location:

+86 10 87833177 China

+86 10 53876330 China

400 669 9381 China Toll-free

400 182 3168 China Toll-free

400 616 8835 China Toll-free

+1 669 900 6833 US (San Jose)

+1 646 558 8656 US (New York)

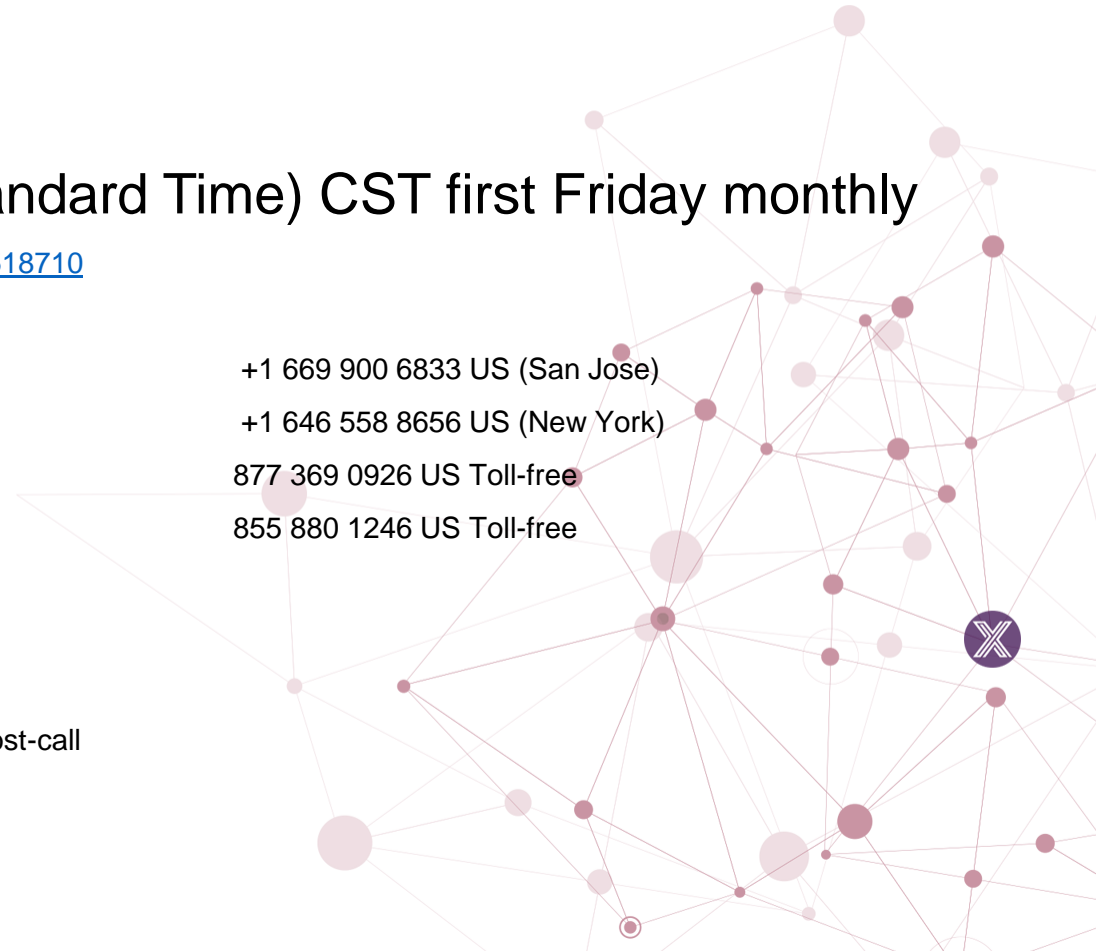
877 369 0926 US Toll-free

855 880 1246 US Toll-free

Meeting ID: 392 518 710 Passcode: 937 392

Find your local number: <https://zoom.us/u/abscayLpz>

\*China Project calls are recorded and added to Wiki post-call



# China Project – Core Team Members/Representatives Present Today

Company	Name
VMware	Gavin Lu
Intel	Yupian
Thundersoft	Peng Zhang
EMQ/eKuiper	Jiyong Huang
Jiangxing AI	
WayClouds	Changcong Lei

Note: Quorum for China Project meetings requires at least fifty percent of all voting members of the TSC to be present. The TSC may continue to meet if quorum is not met, but will be prevented from making any decisions at the meeting. Decisions by vote at a meeting require a majority vote of those in attendance, provided quorum is met. Current quorum = 5 members

# Today's Agenda

- Core team updates
- Contributor updates
- Upcoming events





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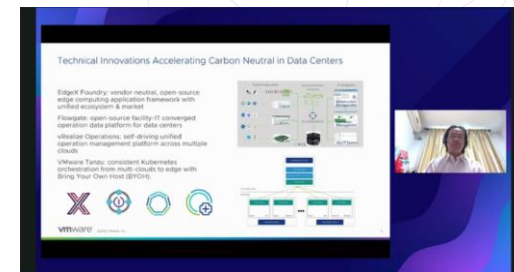
Core team updates

Maintainers

# Maintainer Update (Gavin)

- Breakout record at VMware Explore 2022 US, on Aug 30
  - Deep Cooling solution with EdgeX Foundry (w/ Intel & Quarkdata) <https://www.vmware.com/explore/video-library/video-landing.html?sessionId=1651887114685001cT9V&videoId=6311396985112>
- EdgeX Q3 meetup (yearly summit) as part of AceCon online, on Aug 20
  - VMware, Intel, EMQ, Jiangxing, Quarkdata & Thundersoft sponsored <https://activity.v-event.cn/vmware/20220819-20/live/view20.aspx>
  - Alicloud, Tencent Cloud, SJTU, FNAIOT also presented
  - 13K+ attendees overall

vmware® EXPLORE



20日		
渠道	观看人次	人气值
思否		64.1K
学说	3664	
分布式实验室	785	
边缘计算社区	459	
EMQ (19/20日上午)	300	
VMware研发中心视频号	6362	
直播间	1562	
总计	13132	



# Maintainer Update (Melvin)





The background features a detailed, close-up view of a snake's head and neck, showing its scales and the arrangement of its eyes. A network of red lines and dots is overlaid on the image, suggesting a digital or interconnected theme. A small, stylized 'X' logo is visible on the snake's head.

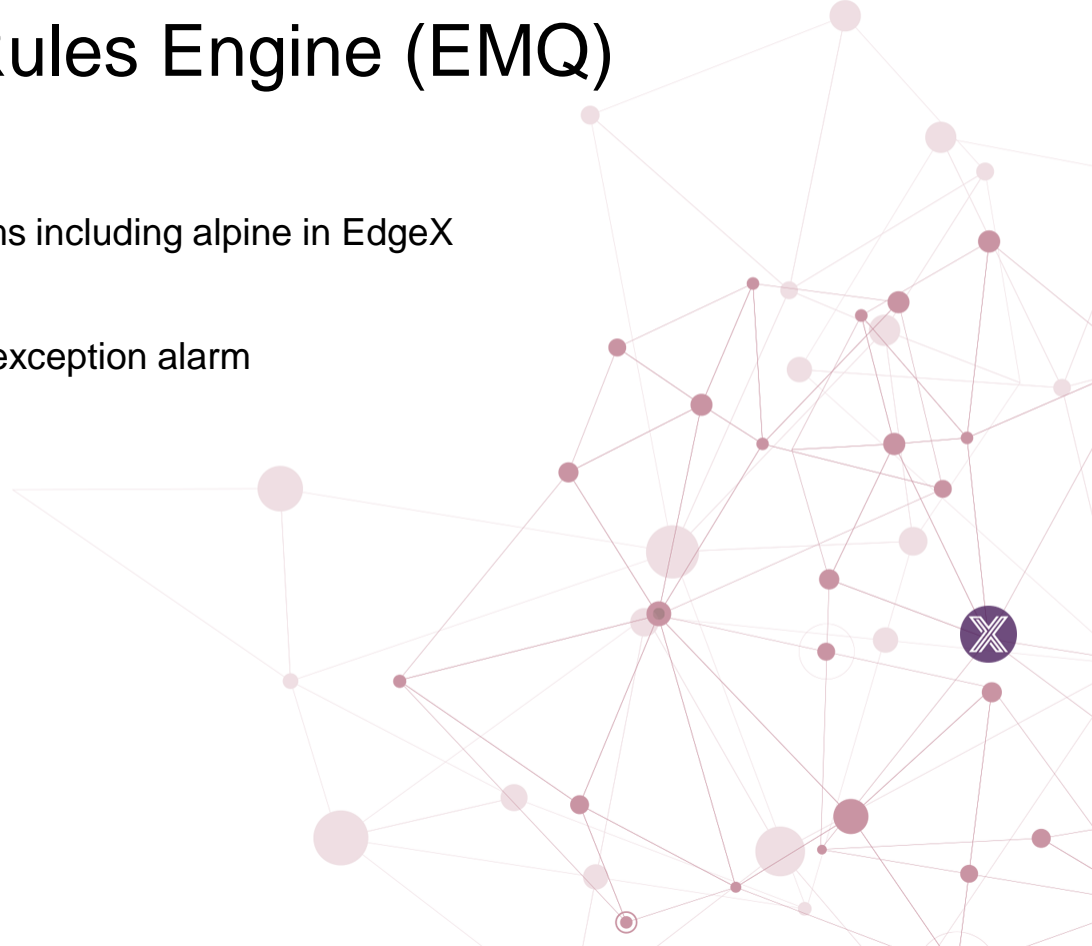
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Core team update

Contributors

# Contributor Update – Rules Engine (EMQ)

- 1.6.1 Release
  - Prebuilt plugins for more platforms including alpine in EdgeX
  - MQTT auto reconnect refactor
  - Metrics for exception to support exception alarm



# Contributor Update – VMware

- IoTDB integration
  - Initial integration done with EdgeX.
- Herald integration
  - Blocked on nRF52840 MDK USB Dongle driver implementation.

```
IoTDB> SHOW TIMESERIES
+-----+-----+-----+-----+-----+-----+-----+-----+
|          timeseries|alias|   storage group|dataType|encoding|compression|tags|attributes|
+-----+-----+-----+-----+-----+-----+-----+-----+
|root.edgexfoundry.Random-Float-Device.Float64| null|root.edgexfoundry| DOUBLE| GORILLA| SNAPPY|null| null|
| root.edgexfoundry.RandomIntegerDevice.Int64| null|root.edgexfoundry| INT64| RLE| SNAPPY|null| null|
| root.edgexfoundry.RandomIntegerDevice.Int32| null|root.edgexfoundry| INT32| RLE| SNAPPY|null| null|
|root.edgexfoundry.Random-Integer-Device.Int64| null|root.edgexfoundry| INT64| RLE| SNAPPY|null| null|
|root.edgexfoundry.Random-Integer-Device.Int32| null|root.edgexfoundry| INT32| RLE| SNAPPY|null| null|
| root.edgexfoundry.RandomBooleanDevice.Bool| null|root.edgexfoundry| BOOLEAN| RLE| SNAPPY|null| null|
| root.edgexfoundry.Random-Boolean-Device.Bool| null|root.edgexfoundry| BOOLEAN| RLE| SNAPPY|null| null|
| root.edgexfoundry.RandomFloatDevice.Float64| null|root.edgexfoundry| DOUBLE| GORILLA| SNAPPY|null| null|
+-----+-----+-----+-----+-----+-----+-----+-----+
Total line number = 8
It costs 0.008s
IoTDB> select * from root.edgexfoundry.Random-Integer-Device|
```

# Maintainer Update – Thundersoft

## 以下型号的Onvif摄像头测试完毕：

- HIKVISION-DS-2CD3T87FDP2-L
- HIKVISION-DS-2CD3T27FWDA4-LS
- HIKVISION-DS-2CD3T26FWDA3-IS
- HIKVISION-DS-2CD3326WDV3-I
- HIKVISION-DS-2CD3326WDA4-L
- HIKVISION-DS-2CD3326FWDA3-I
- Dahua-DH-P20A1
- Dahua-DH-2H3400-ADP

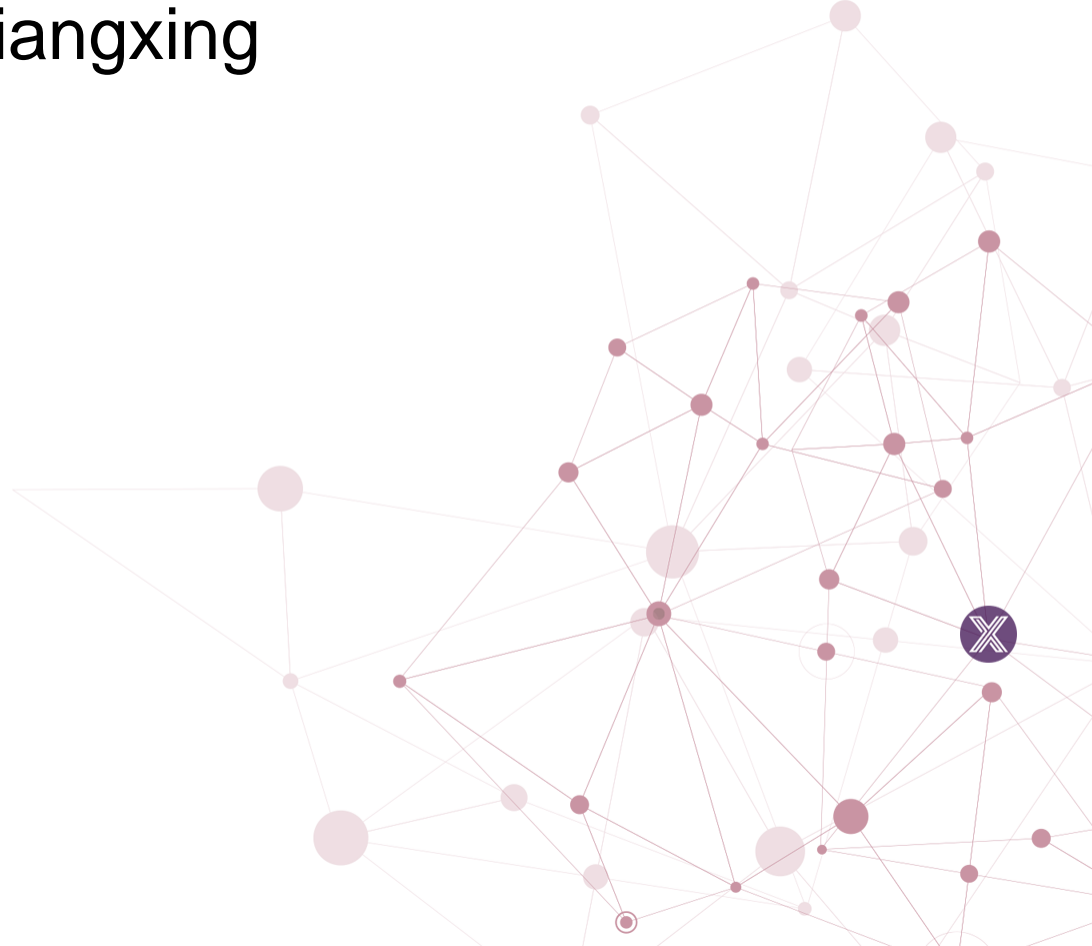
## 提交了4个bug：

- <https://github.com/edgexfoundry/device-onvif-camera/issues/142>
- <https://github.com/edgexfoundry/device-onvif-camera/issues/140>
- <https://github.com/edgexfoundry/device-onvif-camera/issues/138>
- <https://github.com/edgexfoundry/device-onvif-camera/issues/132>

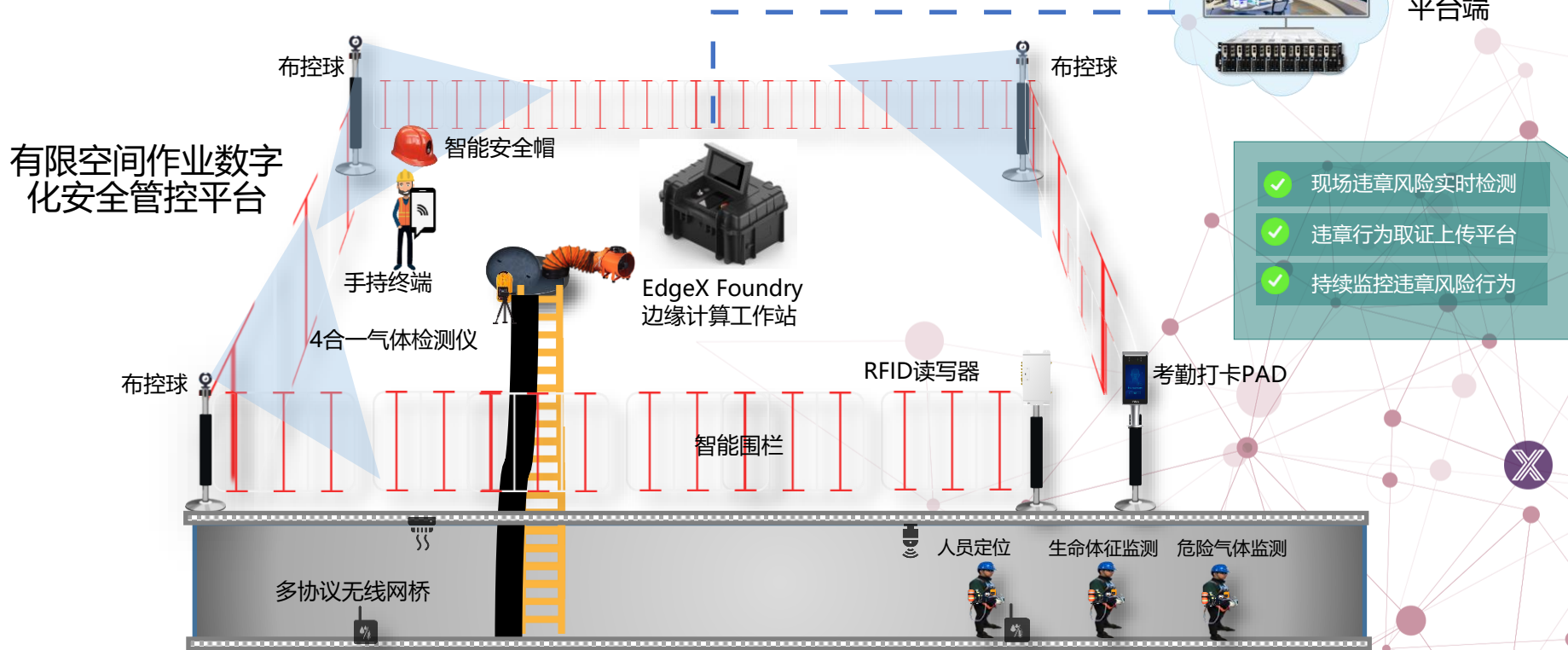
## 以下Onvif Feature中的85个Function：

- User Authentication
- Auto Discovery
- Network Configuration
- System Function
- User Handling
- Metadata Configuration
- Video Streaming
- VideoEncoder Config
- PTZ Node
- PTZ Configuration
- PTZ Actuation
- PTZ Preset
- PTZ Home Position
- PTZ AuxiliaryOperations
- Event Handling
- Configuration of Analytics profile
- Analytics Module configuration
- Rule configuration

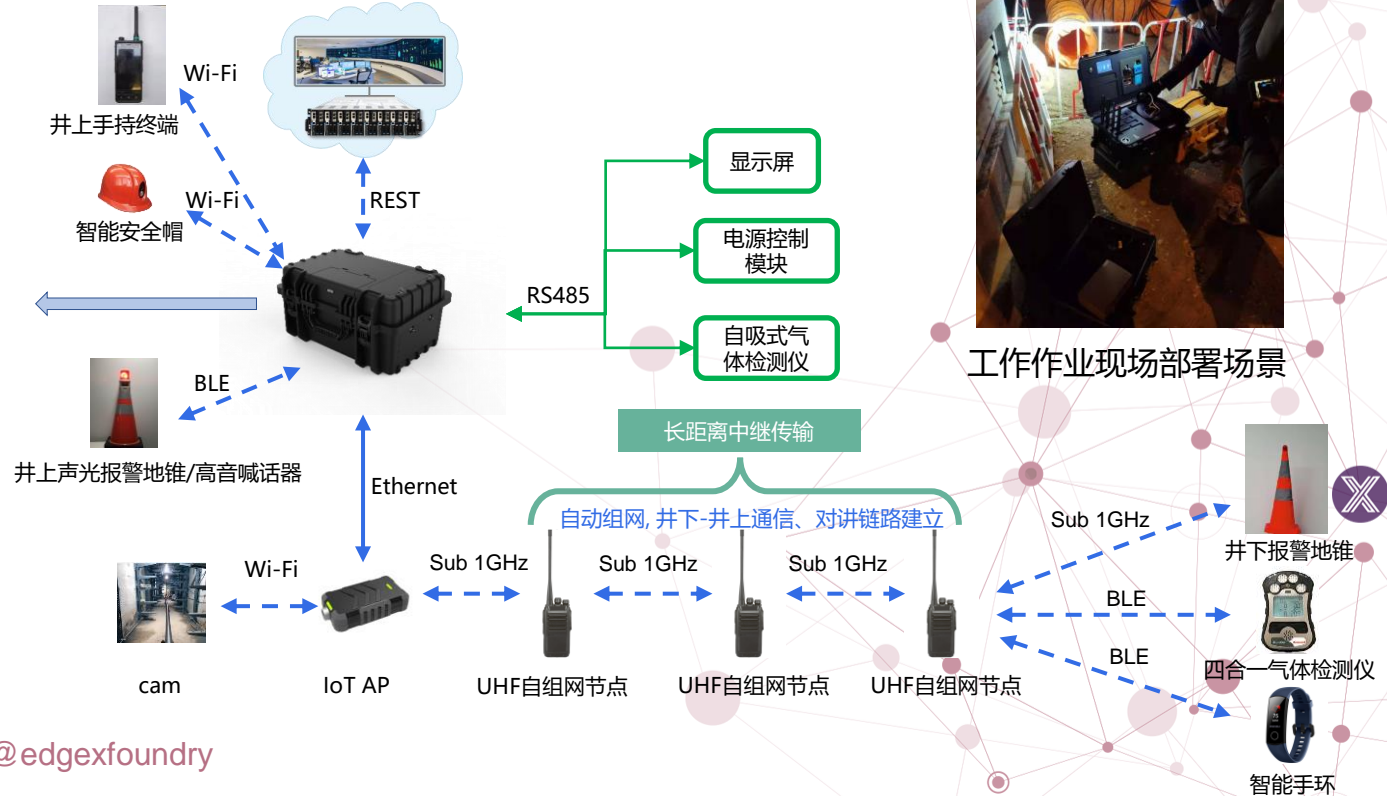
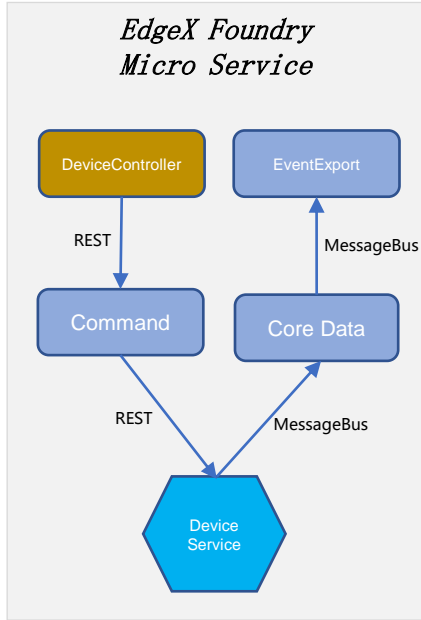
# Contributor Update – Jiangxing



# Contributor Update – Wayclouds



# Contributor Update – Wayclouds



工作作业现场部署场景



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## Upcoming Events



# Upcoming Events

- EdgeX Challenge 2022
  - <https://www.edgex-challenge.com>
- Q4 meetup





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Thank You!